

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086632.D
 Acq On : 15 May 2025 09:37
 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 05/16/2025
 Supervised By : Mahesh Dadoda 05/16/2025

Quant Time: May 16 05:19:59 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	8.218	168	243369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	416442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	178601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	149682	42.414	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.820%		
35) Dibromofluoromethane	8.159	113	123770	64.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	128.080%#		
50) Toluene-d8	10.565	98	491600	47.591	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.180%		
62) 4-Bromofluorobenzene	12.847	95	186876	49.600	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	150747	52.253	ug/l	100
3) Chloromethane	2.359	50	180911	43.147	ug/l	97
4) Vinyl Chloride	2.512	62	173871	43.456	ug/l	99
5) Bromomethane	2.953	94	96003	53.343	ug/l	96
6) Chloroethane	3.118	64	109930	41.052	ug/l	100
7) Trichlorofluoromethane	3.500	101	227284	51.283	ug/l	97
8) Diethyl Ether	3.959	74	89070	46.035	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.365	101	137467	51.272	ug/l	95
10) Methyl Iodide	4.589	142	156016	52.929	ug/l	99
11) Tert butyl alcohol	5.506	59	119414	185.452	ug/l	99
12) 1,1-Dichloroethene	4.341	96	136558	47.674	ug/l	97
13) Acrolein	4.171	56	76200	254.028	ug/l	95
14) Allyl chloride	5.024	41	196981	38.684	ug/l	97
15) Acrylonitrile	5.712	53	331648	208.352	ug/l	100
16) Acetone	4.418	43	355791	292.568	ug/l	96
17) Carbon Disulfide	4.712	76	368385	42.951	ug/l	100
18) Methyl Acetate	5.018	43	150827	35.604	ug/l	95
19) Methyl tert-butyl Ether	5.788	73	472267	44.852	ug/l	100
20) Methylene Chloride	5.271	84	153083	46.921	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	144599	48.285	ug/l	92
22) Diisopropyl ether	6.665	45	453106	40.905	ug/l	96
23) Vinyl Acetate	6.600	43	1629142	210.389	ug/l	94
24) 1,1-Dichloroethane	6.565	63	264126	45.191	ug/l	97
25) 2-Butanone	7.477	43	454369	206.845	ug/l	94
26) 2,2-Dichloropropane	7.482	77	242851	46.407	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	178299	47.970	ug/l	94
28) Bromochloromethane	7.812	49	95744	38.635	ug/l #	83
29) Tetrahydrofuran	7.829	42	272915	185.793	ug/l	93
30) Chloroform	7.965	83	270074	47.040	ug/l	99
31) Cyclohexane	8.253	56	229557	40.138	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	235433	47.935	ug/l	97
36) 1,1-Dichloropropene	8.371	75	194825	50.468	ug/l	97
37) Ethyl Acetate	7.553	43	175233	43.116	ug/l	99
38) Carbon Tetrachloride	8.359	117	200514	54.542	ug/l	99
39) Methylcyclohexane	9.594	83	223858	48.787	ug/l	97
40) Benzene	8.600	78	620055	50.132	ug/l	100

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	95768	40.657	ug/l	93
42) 1,2-Dichloroethane	8.665	62	193608	49.086	ug/l	99
43) Isopropyl Acetate	8.682	43	309988	42.157	ug/l	94
44) Trichloroethene	9.347	130	164127	55.986	ug/l	93
45) 1,2-Dichloropropane	9.618	63	146668	48.444	ug/l	99
46) Dibromomethane	9.706	93	100399	52.046	ug/l	94
47) Bromodichloromethane	9.882	83	210771	50.589	ug/l	98
48) Methyl methacrylate	9.676	41	141292	39.588	ug/l	92
49) 1,4-Dioxane	9.688	88	55078	907.249	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	860030	206.651	ug/l	96
52) Toluene	10.623	92	394392	51.103	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	232551	50.003	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	249107	48.766	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	143198	51.571	ug/l	97
56) Ethyl methacrylate	10.870	69	235559	46.152	ug/l	92
57) 1,3-Dichloropropane	11.159	76	247067	50.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	458991	189.467	ug/l	95
59) 2-Hexanone	11.194	43	640544	207.504	ug/l	95
60) Dibromochloromethane	11.353	129	162524	53.302	ug/l	100
61) 1,2-Dibromoethane	11.465	107	145244	51.840	ug/l	99
64) Tetrachloroethene	11.100	164	166485	58.776	ug/l	99
65) Chlorobenzene	11.888	112	435575	53.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	145047	53.502	ug/l	99
67) Ethyl Benzene	11.959	91	750149	50.585	ug/l	98
68) m/p-Xylenes	12.070	106	586084	105.476	ug/l	94
69) o-Xylene	12.394	106	284228	51.724	ug/l	96
70) Styrene	12.406	104	486041	53.085	ug/l	98
71) Bromoform	12.576	173	106869	52.357	ug/l #	99
73) Isopropylbenzene	12.694	105	687142	47.032	ug/l	98
74) N-amyl acetate	12.488	43	257053	35.342	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	183132	43.595	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	181339m	43.025	ug/l	
77) Bromobenzene	12.976	156	169989	52.511	ug/l	89
78) n-propylbenzene	13.029	91	807278	46.891	ug/l	98
79) 2-Chlorotoluene	13.123	91	509397	47.286	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	575042	48.089	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	83308	47.471	ug/l #	82
82) 4-Chlorotoluene	13.217	91	514419	48.071	ug/l	97
83) tert-Butylbenzene	13.435	119	491839	47.469	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	578101	47.495	ug/l	97
85) sec-Butylbenzene	13.611	105	685213	47.678	ug/l	98
86) p-Isopropyltoluene	13.723	119	590173	49.821	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	316572	52.021	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	314950	51.384	ug/l	99
89) n-Butylbenzene	14.053	91	502812	47.887	ug/l	98
90) Hexachloroethane	14.329	117	94281	47.317	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	298655	50.620	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34101	40.260	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	145514	51.507	ug/l	99
94) Hexachlorobutadiene	15.494	225	58691	55.034	ug/l	99
95) Naphthalene	15.635	128	450765	45.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	133878	50.054	ug/l	99

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VSTDCCC050

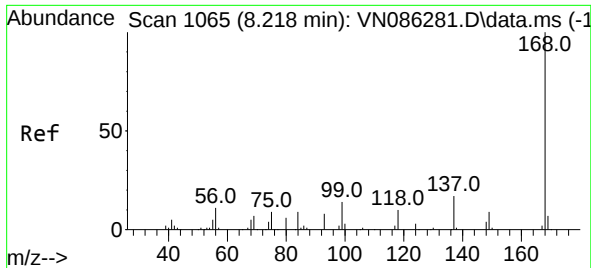
Manual Integrations
APPROVED

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Quant Time: May 16 05:19:59 2025
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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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



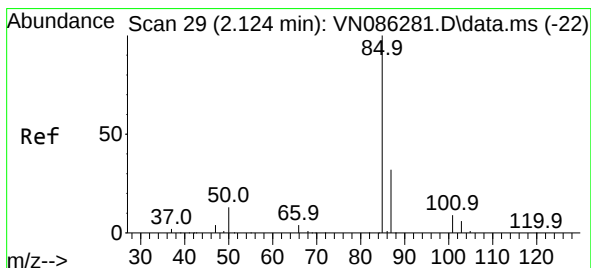
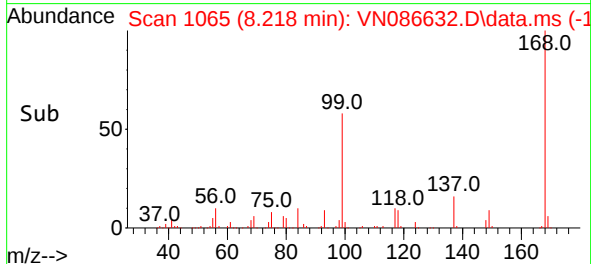
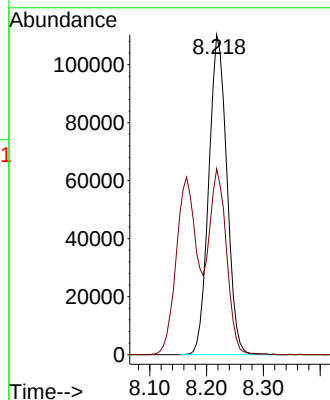
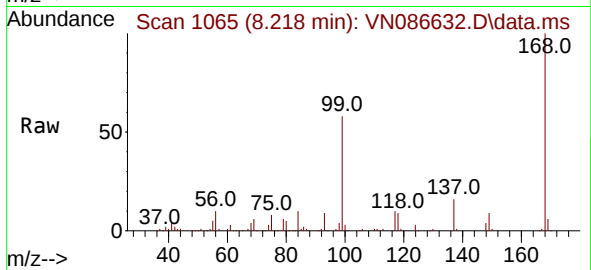
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 243369
Ion Ratio Lower Upper
168 100
99 58.1 52.5 78.7

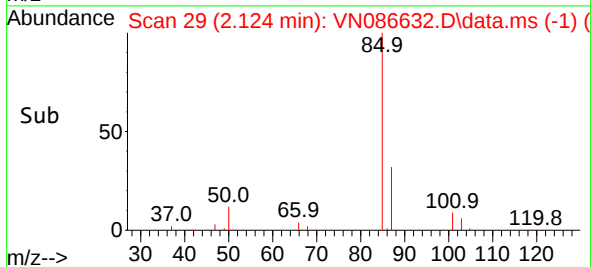
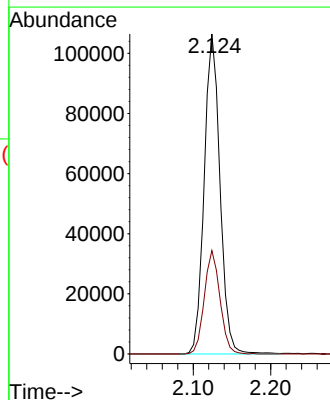
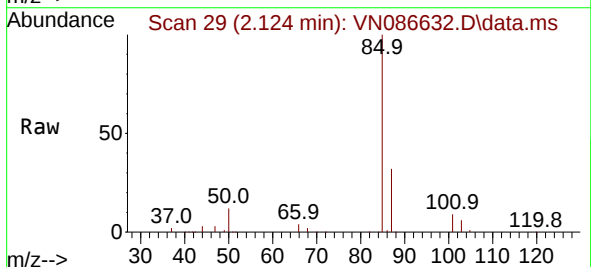
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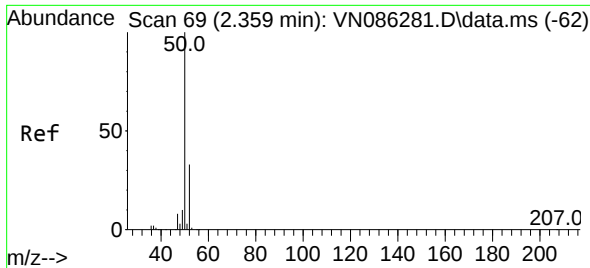
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#2
Dichlorodifluoromethane
Concen: 52.253 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

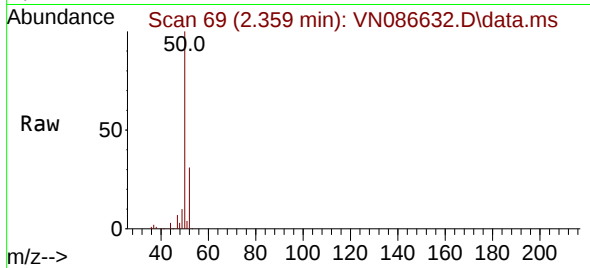
Tgt Ion: 85 Resp: 150747
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.8





#3
Chloromethane
Concen: 43.147 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

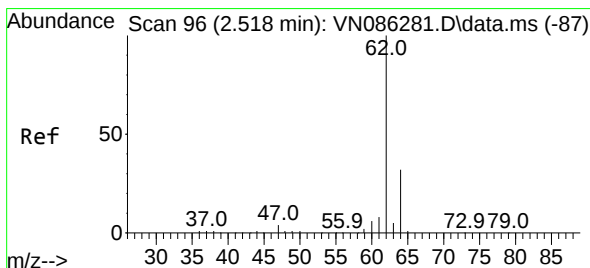
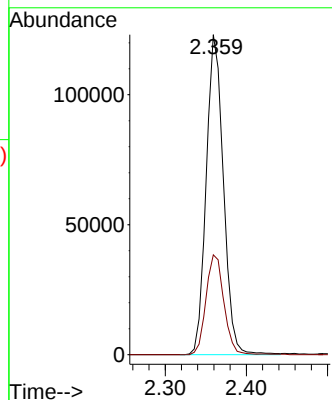
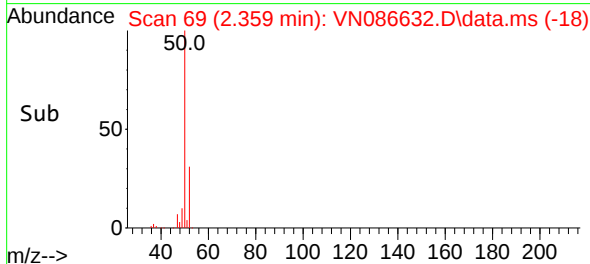
Instrument :
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ClientSampleId :
VSTDCCC050



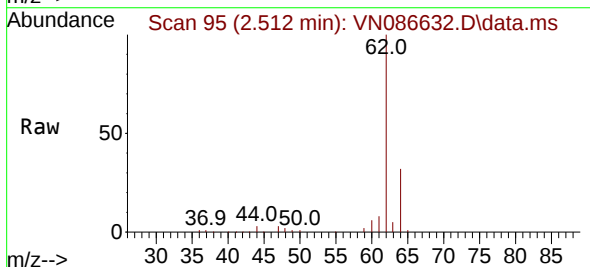
Tgt Ion: 50 Resp: 18091
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7

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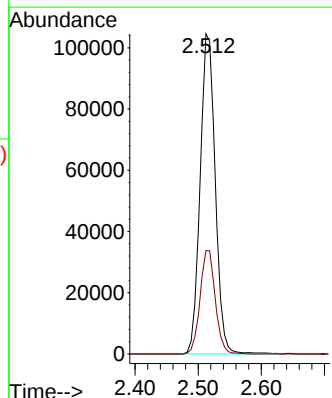
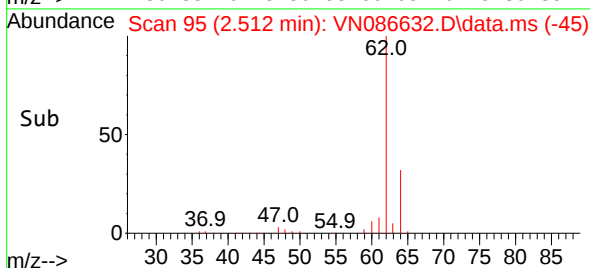
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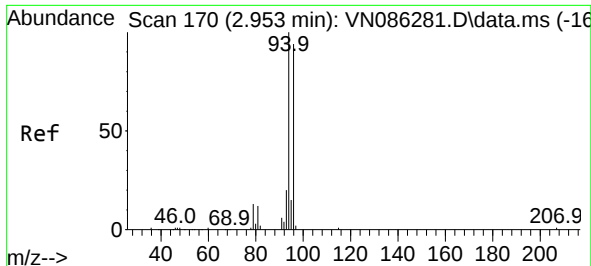


#4
Vinyl Chloride
Concen: 43.456 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



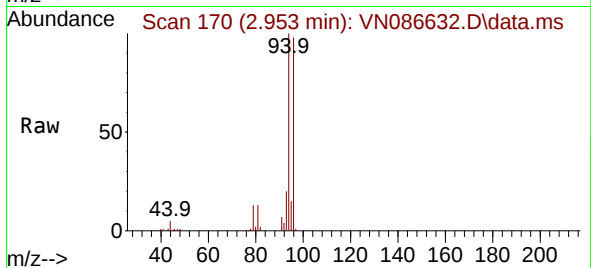
Tgt Ion: 62 Resp: 173871
Ion Ratio Lower Upper
62 100
64 32.3 25.6 38.4





#5
Bromomethane
Concen: 53.343 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

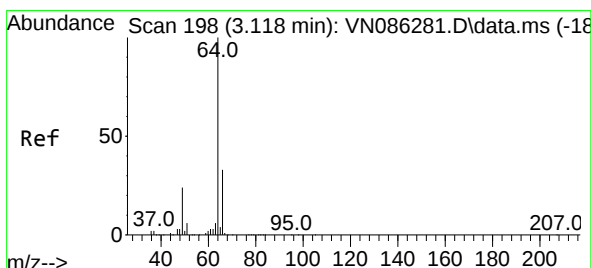
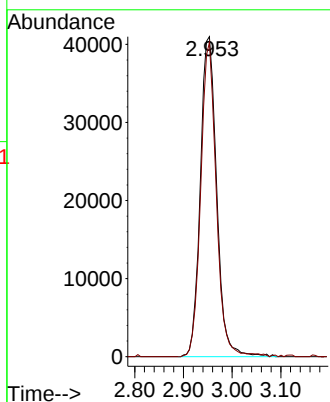
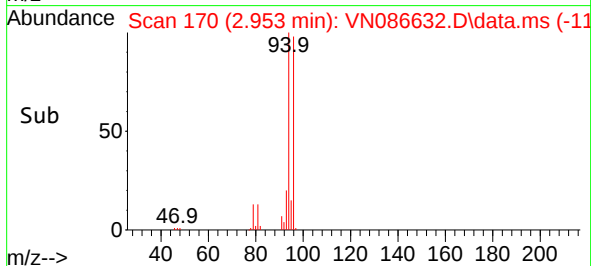
Instrument :
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Tgt Ion: 94 Resp: 9600
Ion Ratio Lower Upper
94 100
96 98.2 75.2 112.8

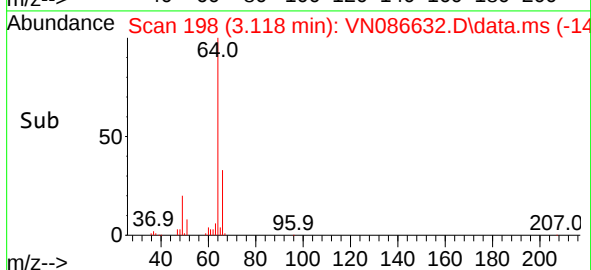
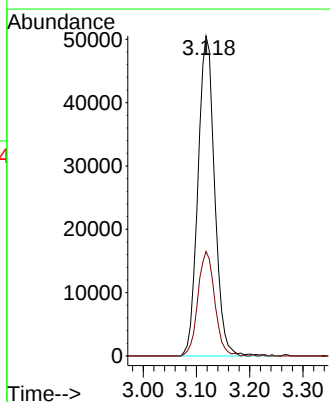
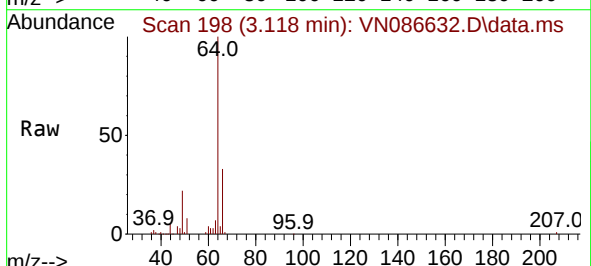
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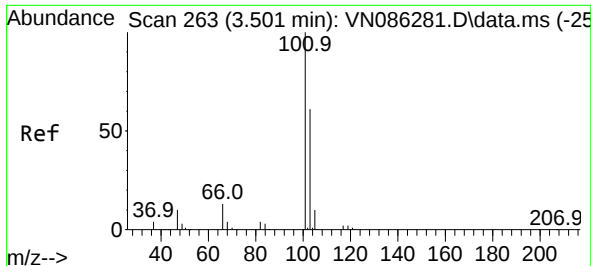
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#6
Chloroethane
Concen: 41.052 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086632.D
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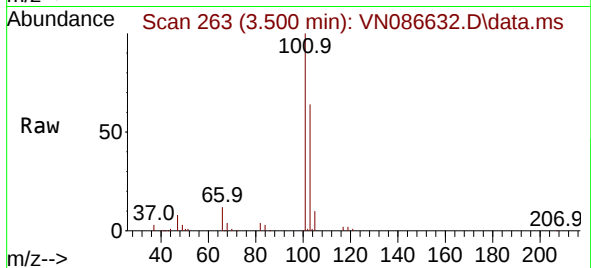
Tgt Ion: 64 Resp: 109930
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 51.283 ug/l
 RT: 3.500 min Scan# 206
 Delta R.T. -0.000 min
 Lab File: VN086632.D
 Acq: 15 May 2025 09:37

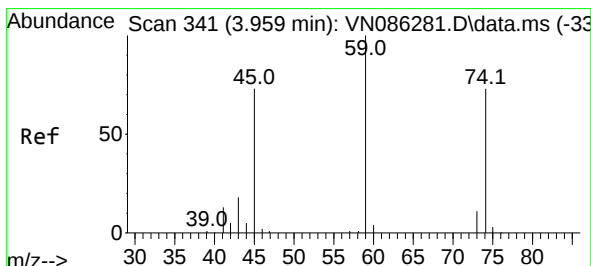
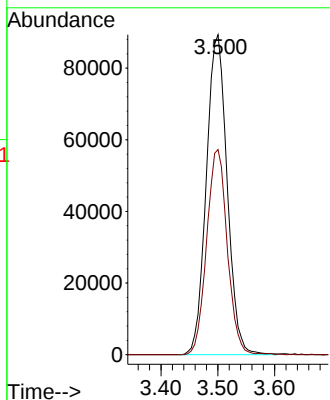
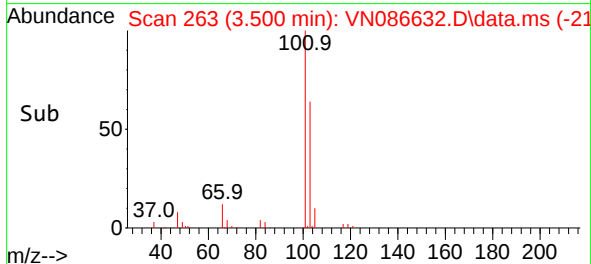
Instrument :
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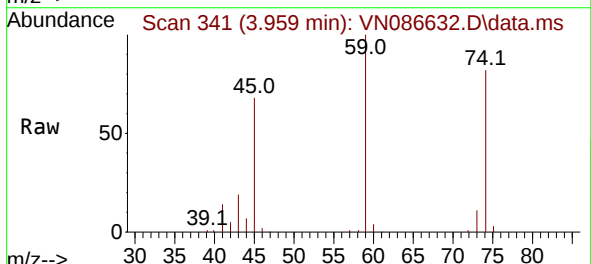
Tgt Ion: 101 Resp: 227284
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.2 73.8

Manual Integrations
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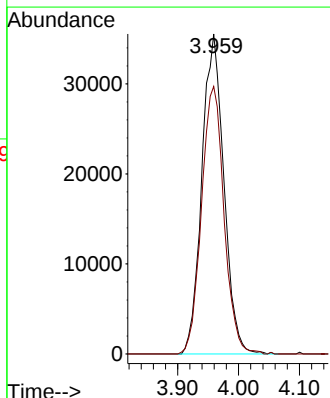
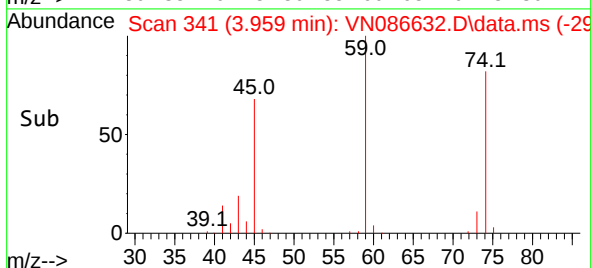
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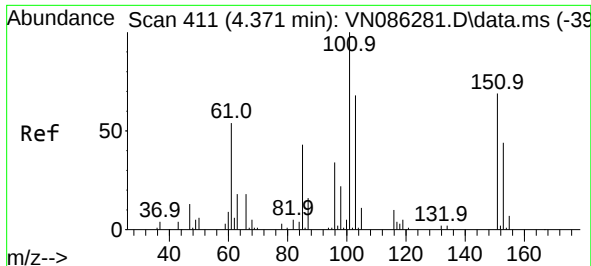


#8
 Diethyl Ether
 Concen: 46.035 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086632.D
 Acq: 15 May 2025 09:37



Tgt Ion: 74 Resp: 89070
 Ion Ratio Lower Upper
 74 100
 45 85.5 48.0 144.2





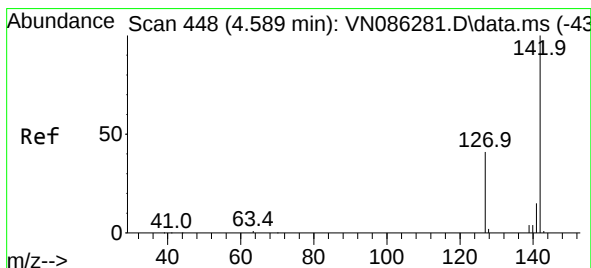
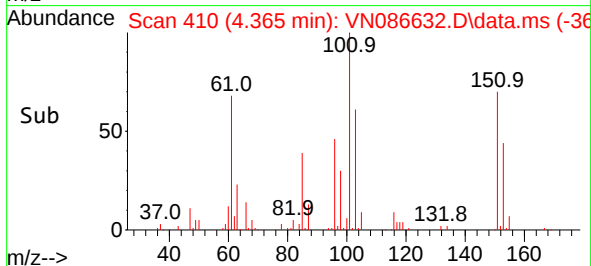
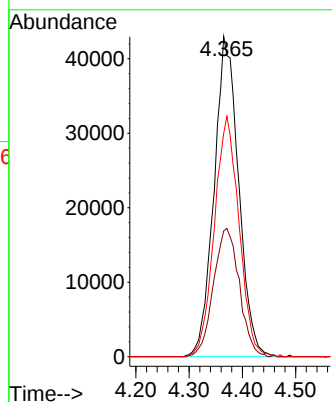
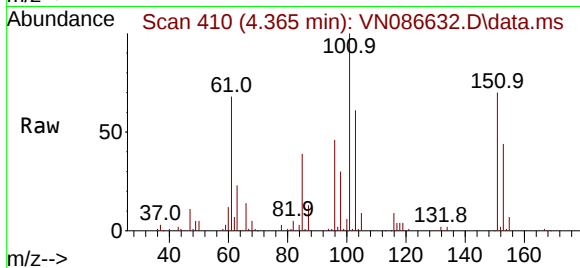
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.272 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13746
Ion Ratio Lower Upper
101 100
85 42.1 34.7 52.1
151 75.4 56.1 84.1

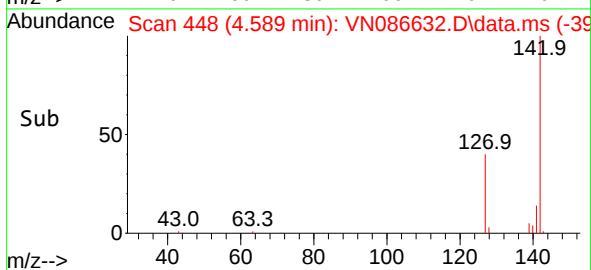
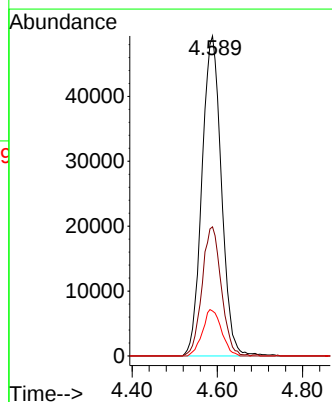
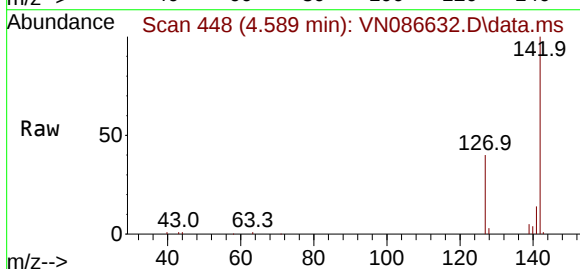
Manual Integrations
APPROVED

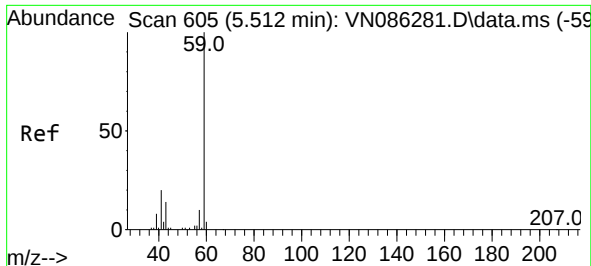
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#10
Methyl Iodide
Concen: 52.929 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

Tgt Ion:142 Resp: 156016
Ion Ratio Lower Upper
142 100
127 40.4 32.7 49.1
141 14.1 11.7 17.5





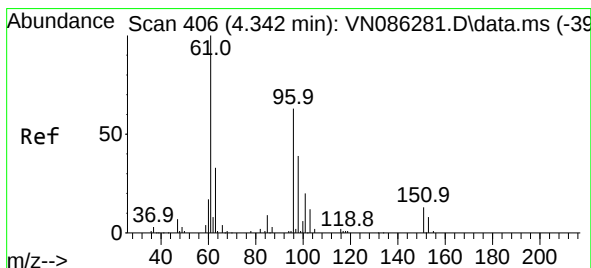
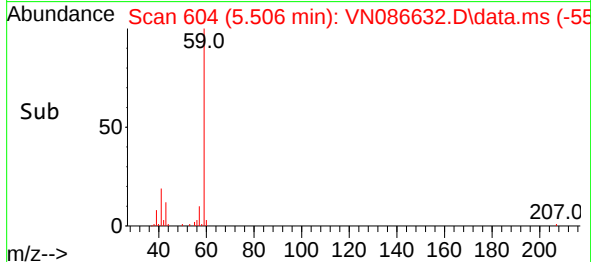
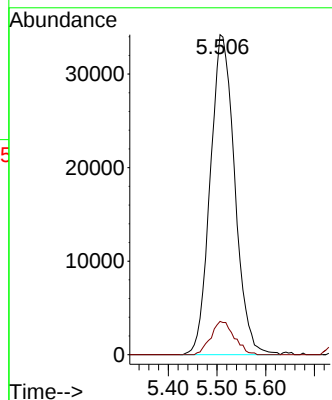
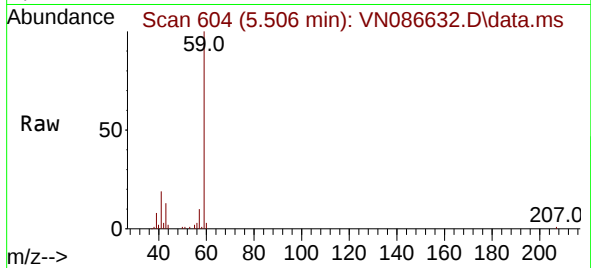
#11
Tert butyl alcohol
Concen: 185.452 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 119414
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

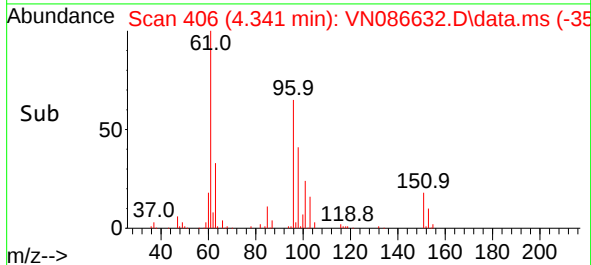
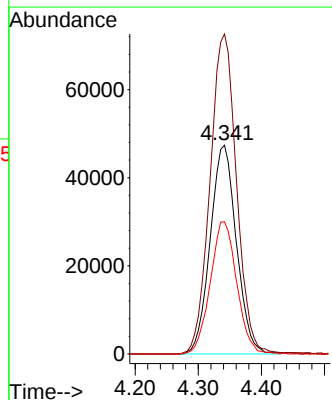
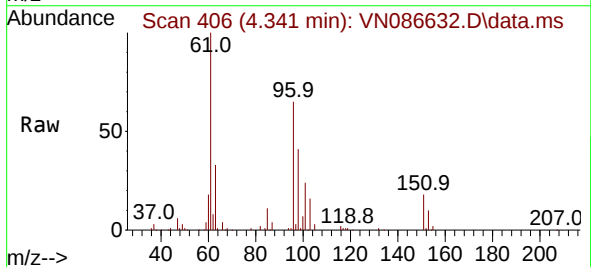
Manual Integrations
APPROVED

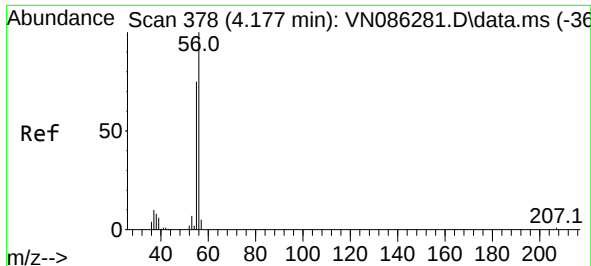
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#12
1,1-Dichloroethene
Concen: 47.674 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

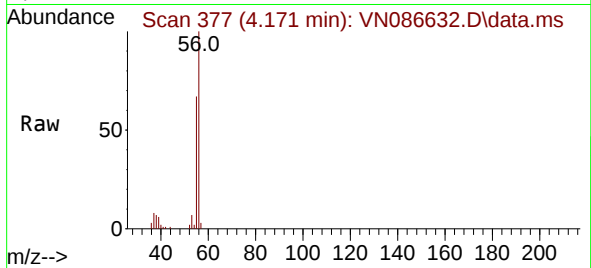
Tgt Ion: 96 Resp: 136558
Ion Ratio Lower Upper
96 100
61 153.2 126.6 189.8
98 63.3 49.6 74.4





#13
Acrolein
Concen: 254.028 ug/l
RT: 4.171 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

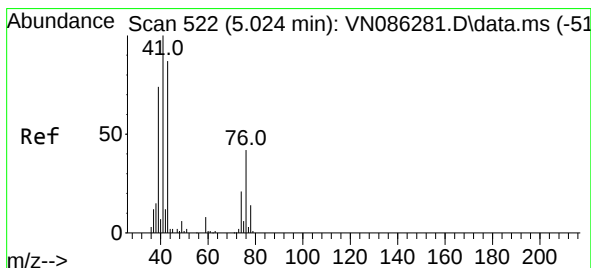
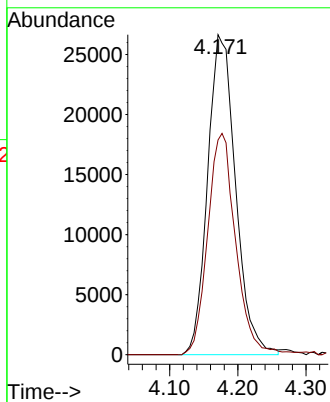
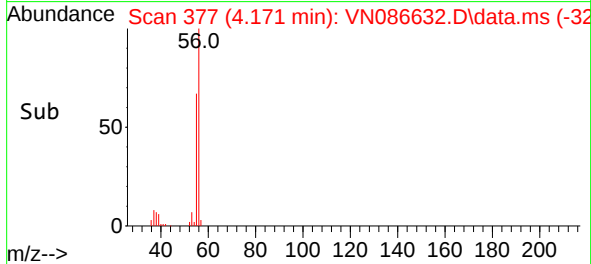
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 76200
Ion Ratio Lower Upper
56 100
55 69.1 58.5 87.7

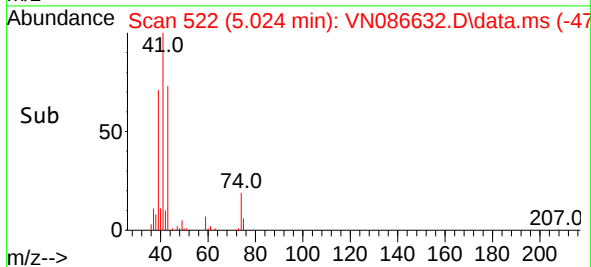
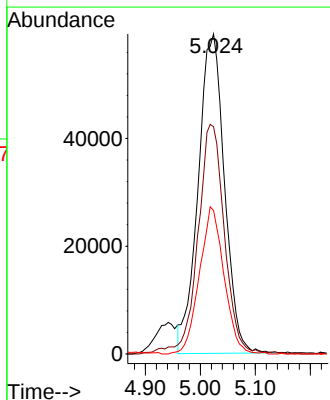
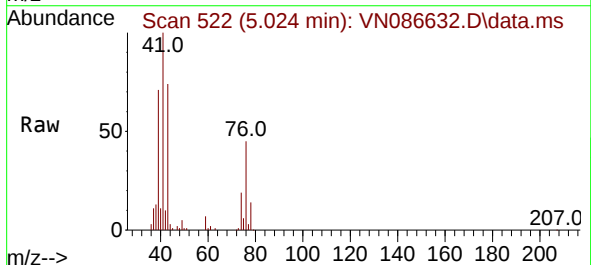
Manual Integrations
APPROVED

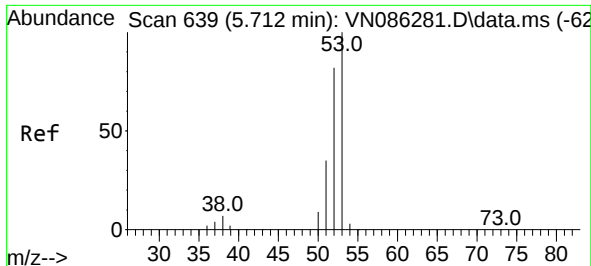
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#14
Allyl chloride
Concen: 38.684 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

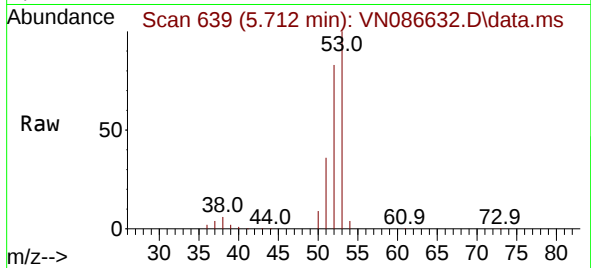
Tgt Ion: 41 Resp: 196981
Ion Ratio Lower Upper
41 100
39 72.6 59.2 88.8
76 43.2 31.2 46.8





#15
Acrylonitrile
Concen: 208.352 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

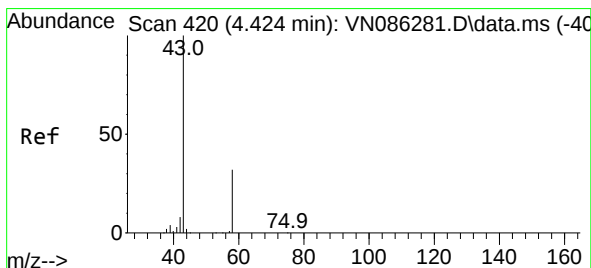
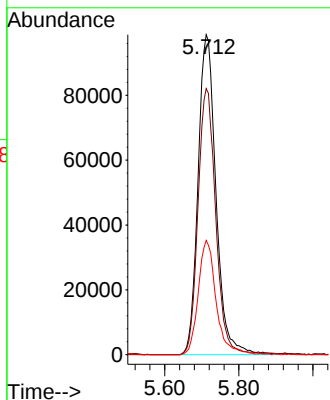
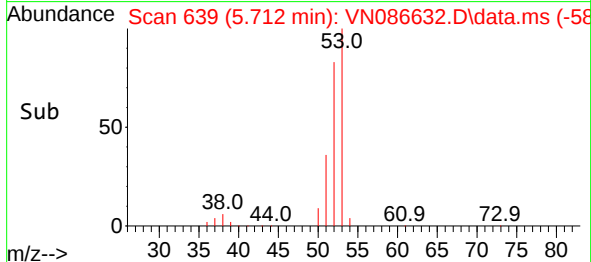
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 331648
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 35.6 28.6 42.8

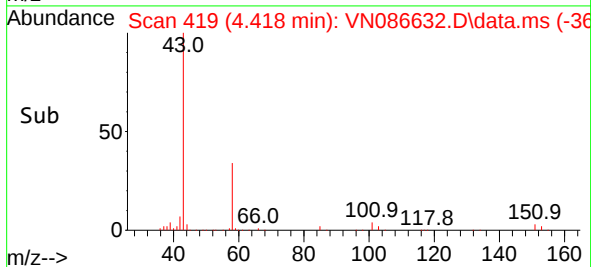
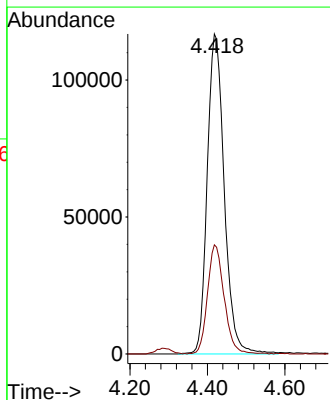
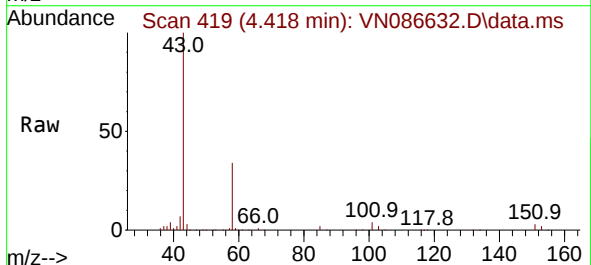
Manual Integrations
APPROVED

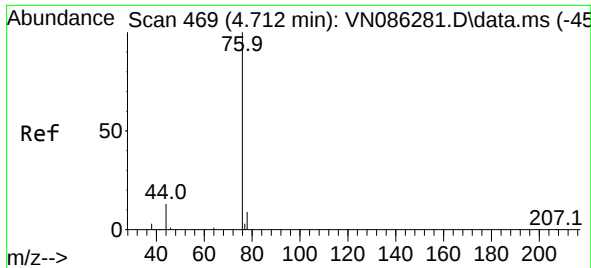
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#16
Acetone
Concen: 292.568 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

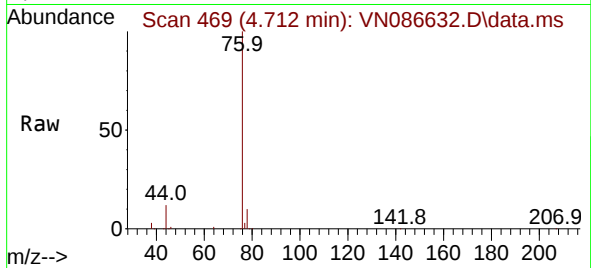
Tgt Ion: 43 Resp: 355791
Ion Ratio Lower Upper
43 100
58 33.9 25.3 37.9





#17
Carbon Disulfide
Concen: 42.951 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

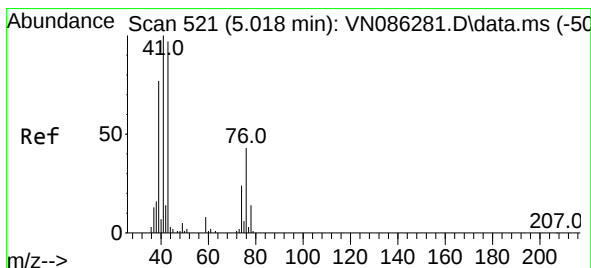
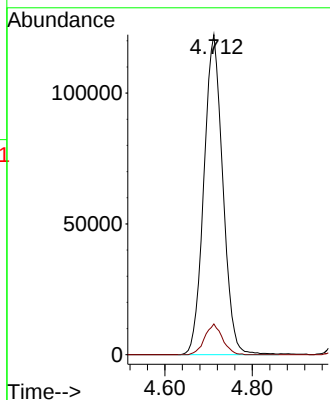
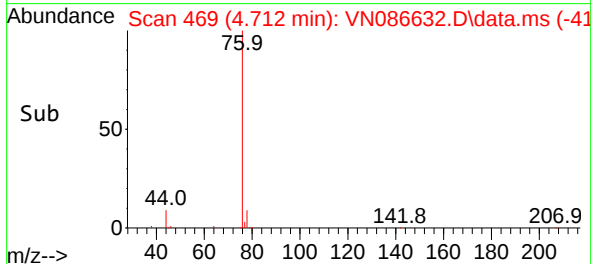
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



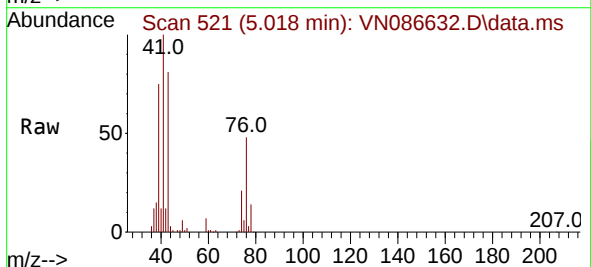
Tgt Ion: 76 Resp: 36838
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4

Manual Integrations
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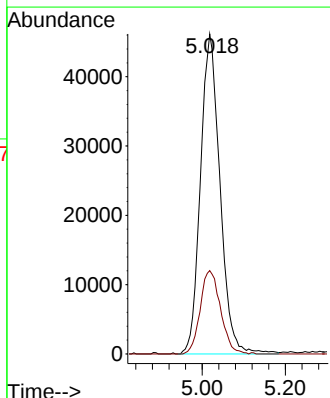
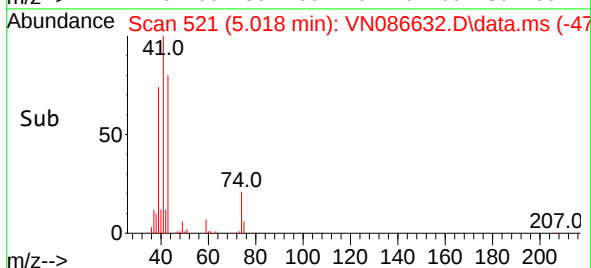
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

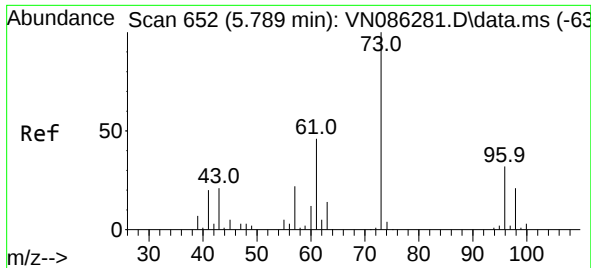


#18
Methyl Acetate
Concen: 35.604 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



Tgt Ion: 43 Resp: 150827
Ion Ratio Lower Upper
43 100
74 27.0 19.8 29.6





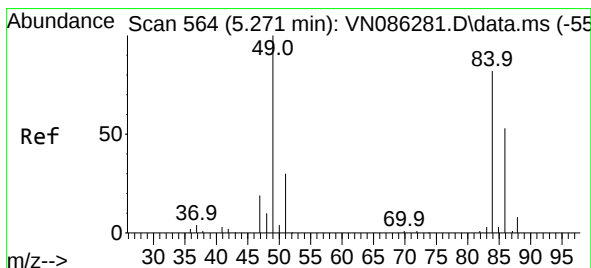
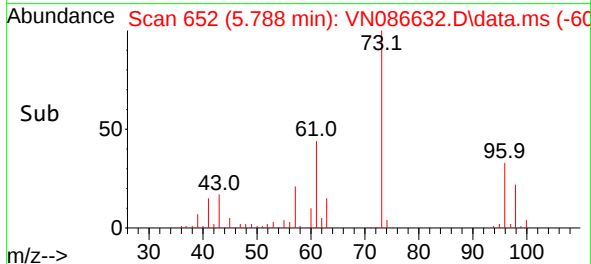
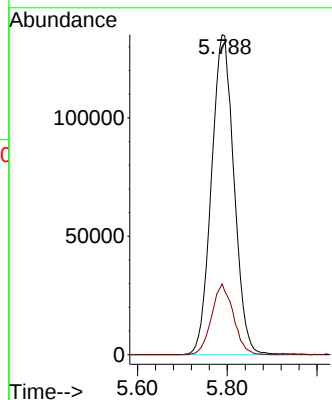
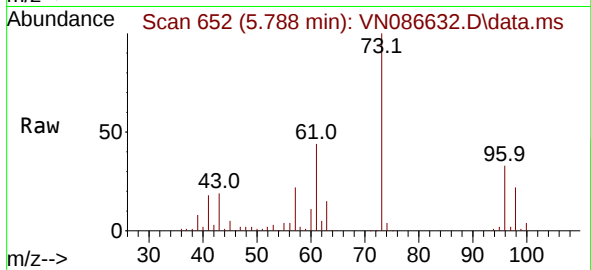
#19
Methyl tert-butyl Ether
Concen: 44.852 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 47226
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4

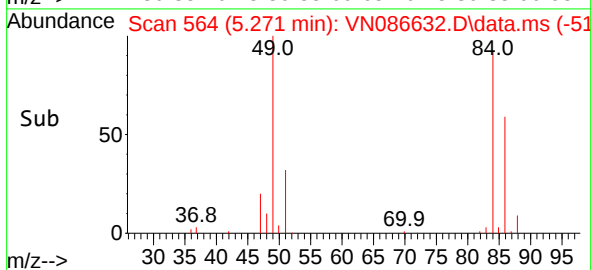
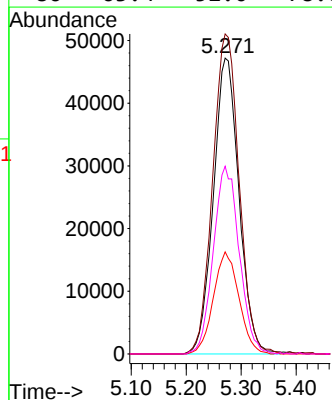
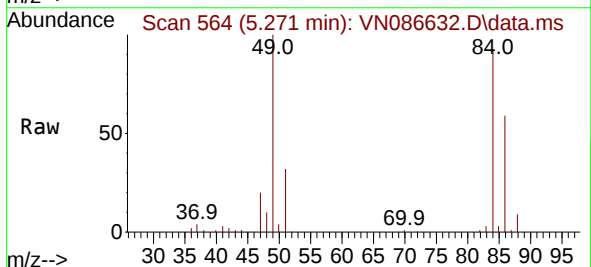
Manual Integrations
APPROVED

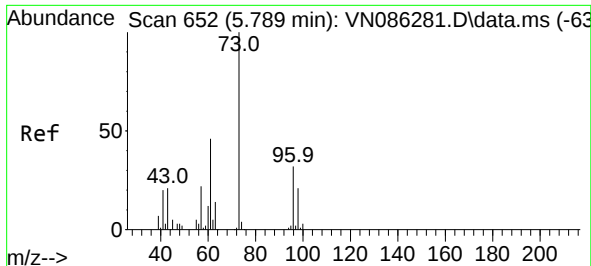
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#20
Methylene Chloride
Concen: 46.921 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

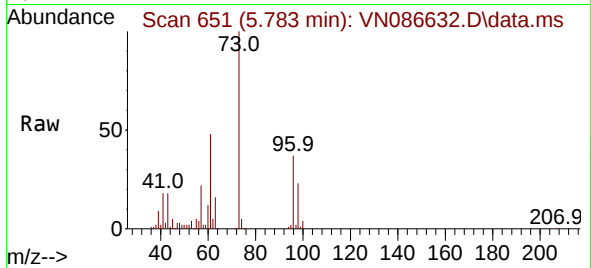
Tgt Ion: 84 Resp: 153083
Ion Ratio Lower Upper
84 100
49 108.1 98.2 147.2
51 34.5 29.8 44.6
86 63.4 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 48.285 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

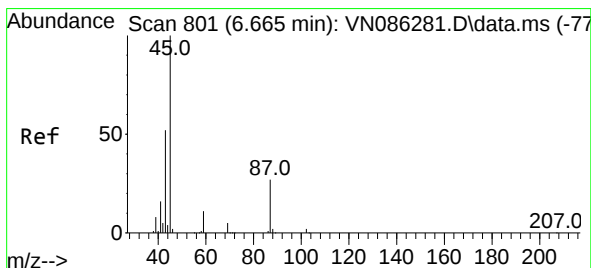
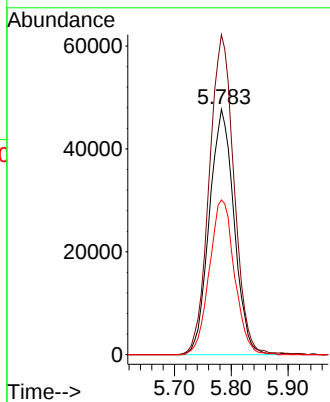
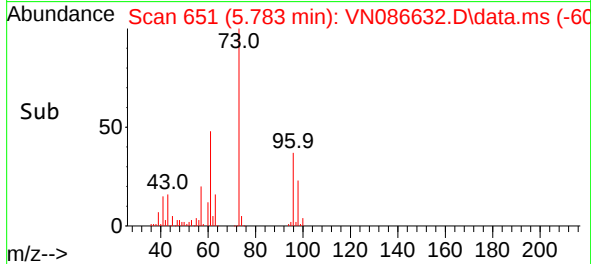
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 144599
Ion Ratio Lower Upper
96 100
61 130.4 114.6 171.8
98 63.0 51.2 76.8

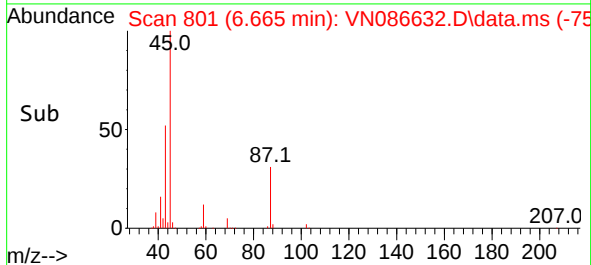
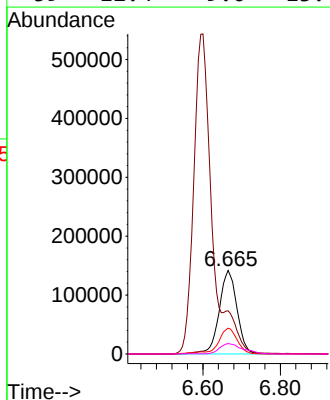
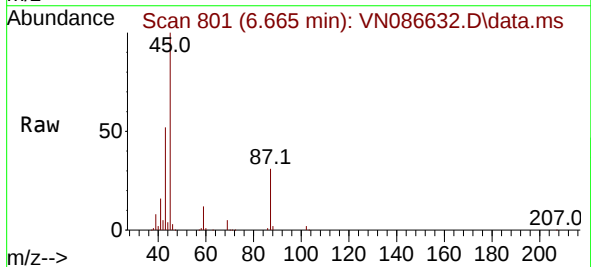
Manual Integrations
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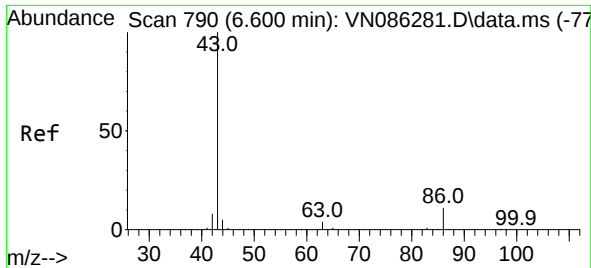
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#22
Diisopropyl ether
Concen: 40.905 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

Tgt Ion: 45 Resp: 453106
Ion Ratio Lower Upper
45 100
43 51.0 41.8 62.8
87 30.9 21.6 32.4
59 12.4 9.0 13.4





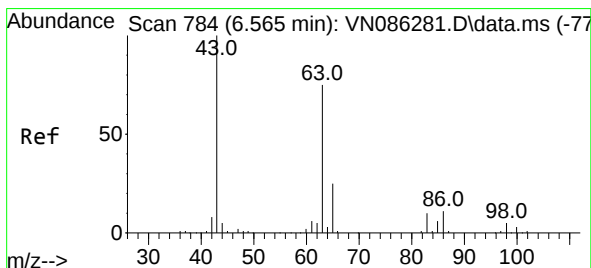
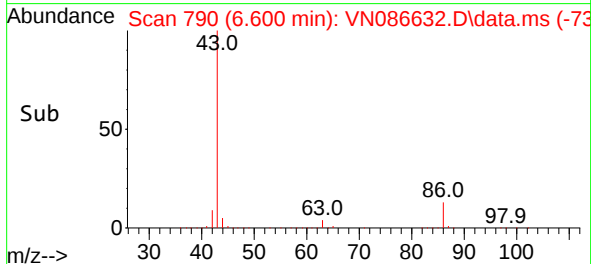
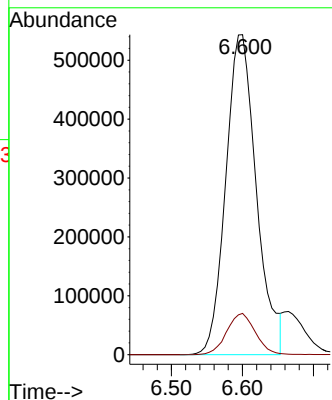
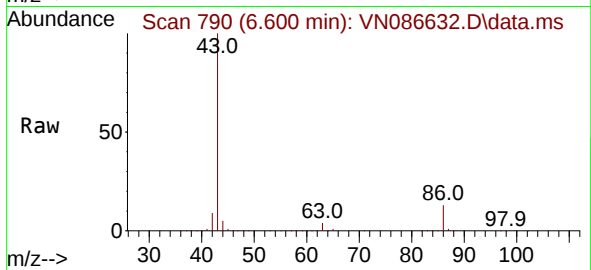
#23
 Vinyl Acetate
 Concen: 210.389 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086632.D
 Acq: 15 May 2025 09:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 162914
 Ion Ratio Lower Upper
 43 100
 86 12.9 8.6 13.0

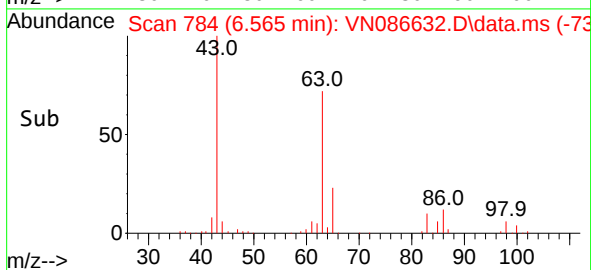
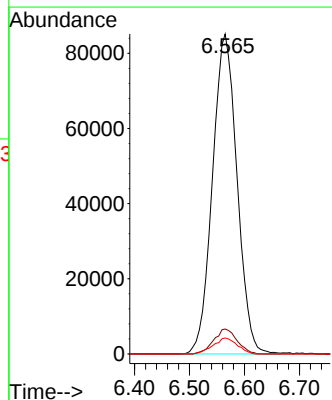
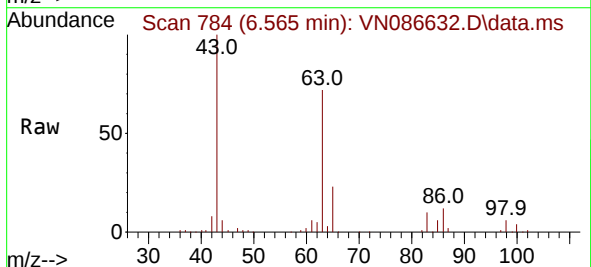
Manual Integrations
 APPROVED

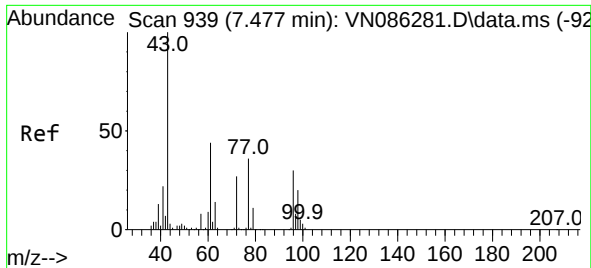
Reviewed By :John Carlone 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025



#24
 1,1-Dichloroethane
 Concen: 45.191 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086632.D
 Acq: 15 May 2025 09:37

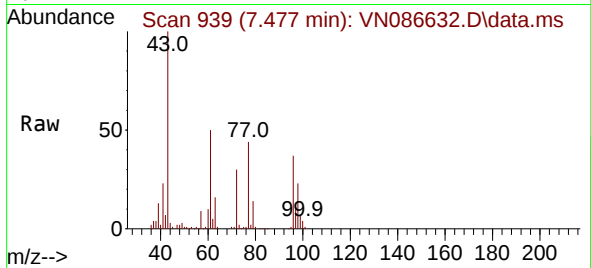
Tgt Ion: 63 Resp: 264126
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.2
 100 5.0 2.1 6.5





#25
2-Butanone
Concen: 206.845 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

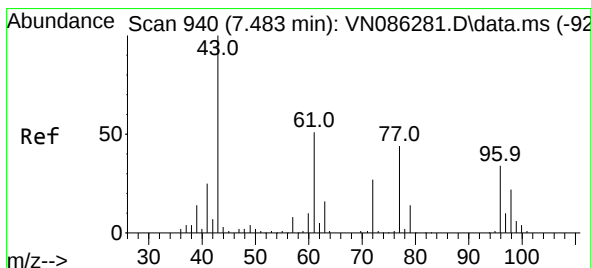
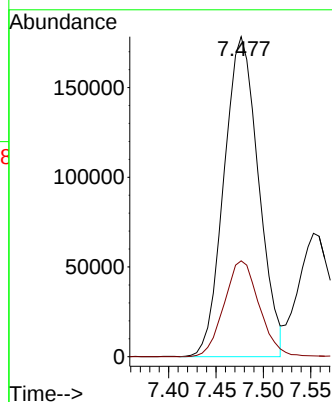
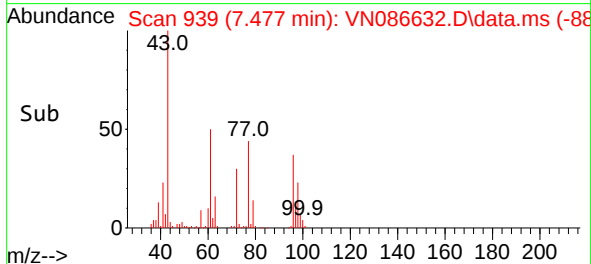
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



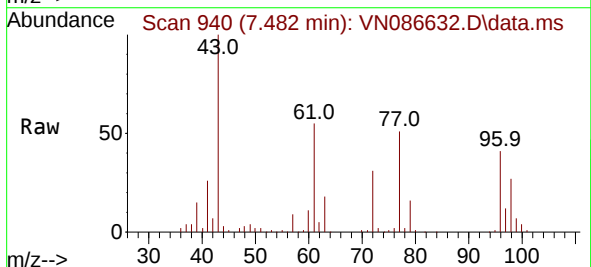
Tgt Ion: 43 Resp: 454369
Ion Ratio Lower Upper
43 100
72 30.0 21.7 32.5

Manual Integrations
APPROVED

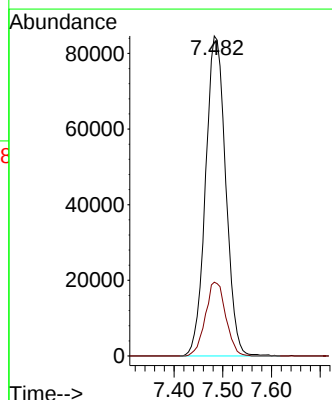
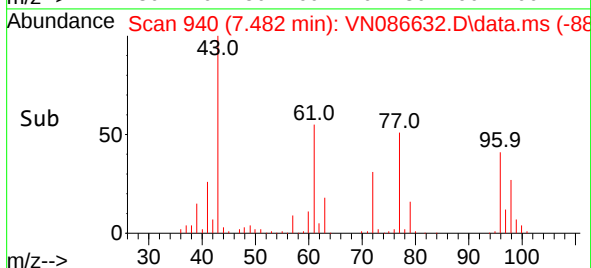
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

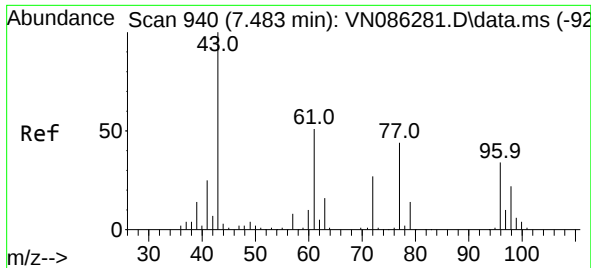


#26
2,2-Dichloropropane
Concen: 46.407 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



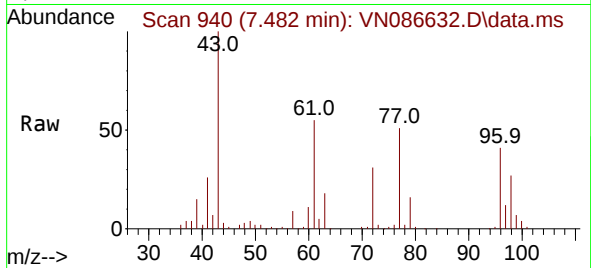
Tgt Ion: 77 Resp: 242851
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 47.970 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086632.D
 Acq: 15 May 2025 09:37

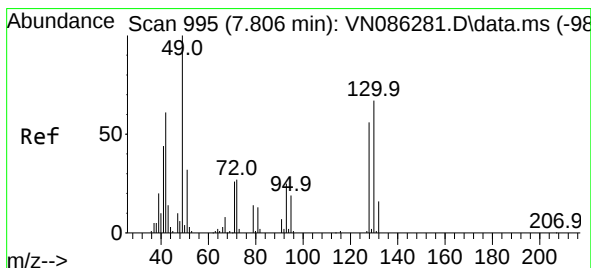
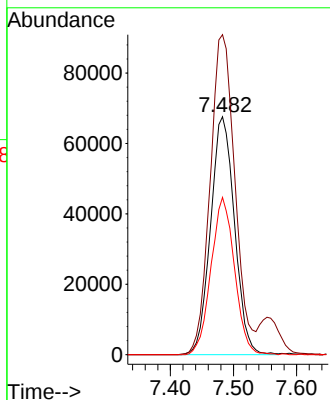
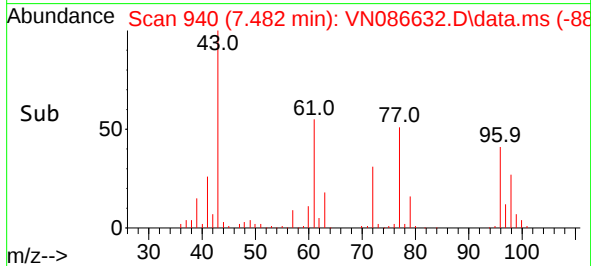
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 178299
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 299.0
 98 64.8 0.0 129.6

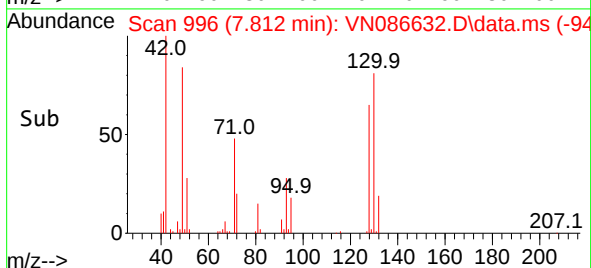
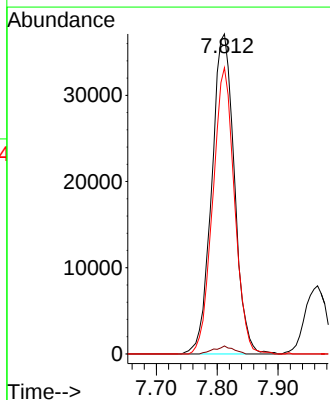
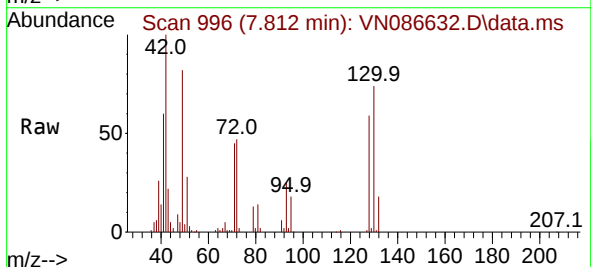
Manual Integrations
 APPROVED

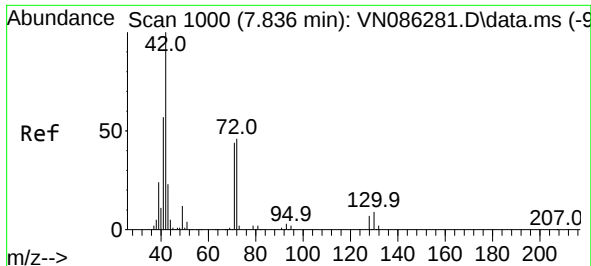
Reviewed By :John Carlone 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025



#28
 Bromochloromethane
 Concen: 38.635 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086632.D
 Acq: 15 May 2025 09:37

Tgt Ion: 49 Resp: 95744
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.4
 130 85.8 57.1 85.7#





#29

Tetrahydrofuran

Concen: 185.793 ug/l

RT: 7.829 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 272915

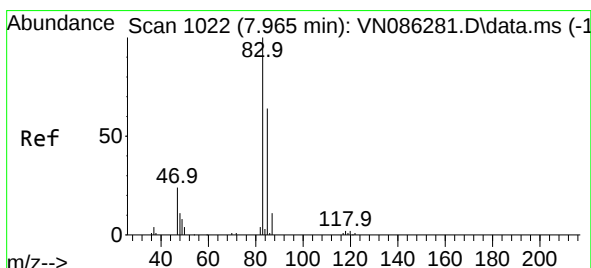
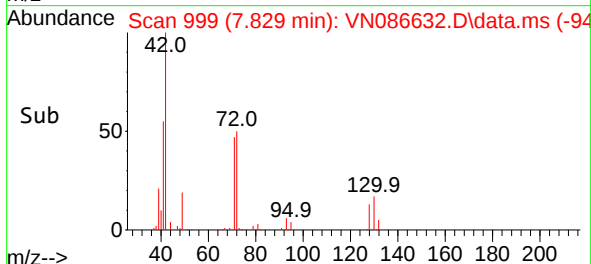
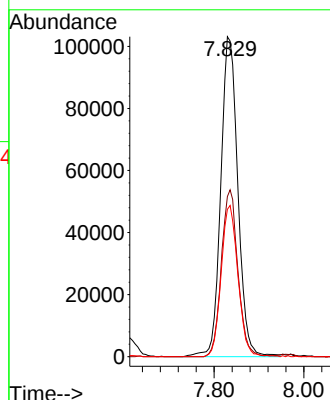
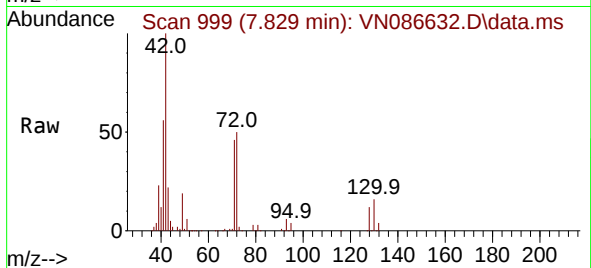
Ion	Ratio	Lower	Upper
42	100		
72	50.4	36.2	54.4
71	46.4	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#30

Chloroform

Concen: 47.040 ug/l

RT: 7.965 min Scan# 1022

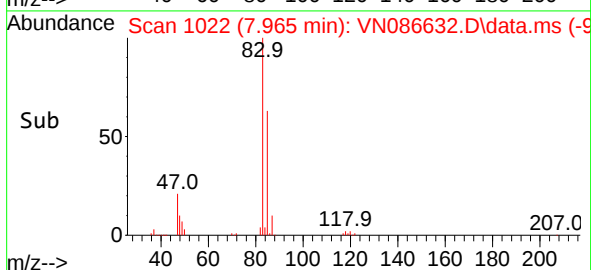
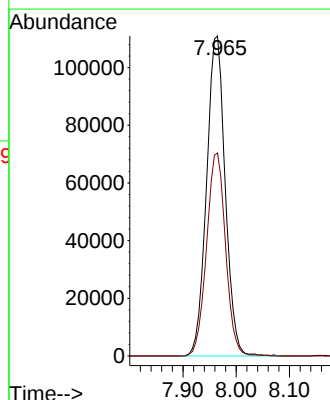
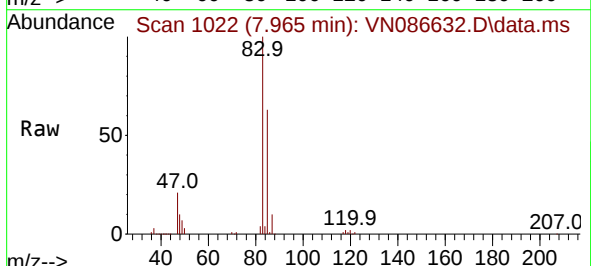
Delta R.T. -0.000 min

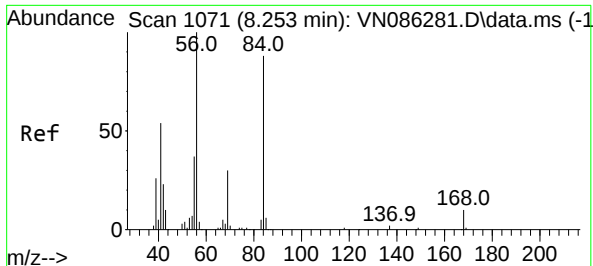
Lab File: VN086632.D

Acq: 15 May 2025 09:37

Tgt Ion: 83 Resp: 270074

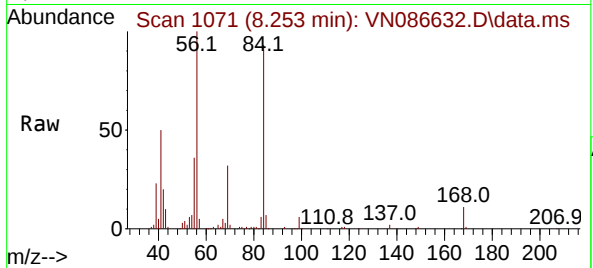
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.5	77.3





#31
Cyclohexane
Concen: 40.138 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

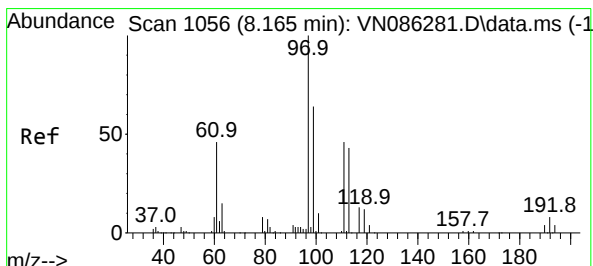
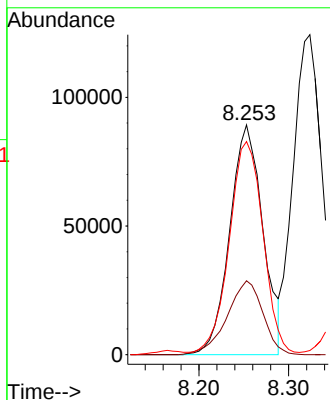
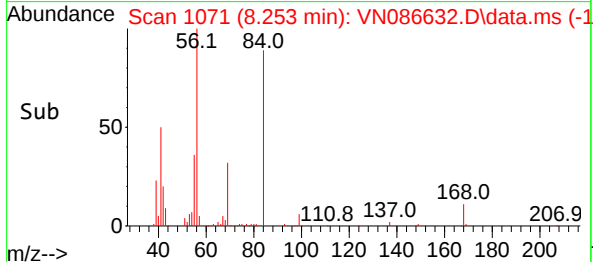
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



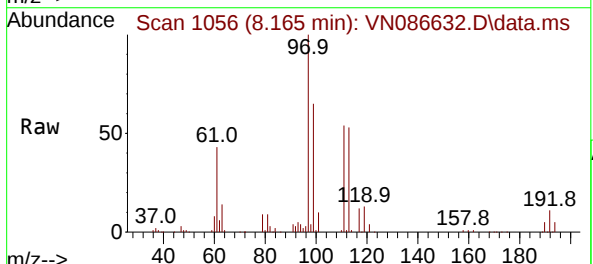
Tgt Ion: 56 Resp: 22955
Ion Ratio Lower Upper
56 100
69 32.2 24.2 36.2
84 91.4 70.3 105.5

Manual Integrations
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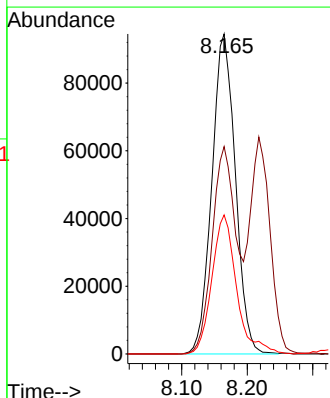
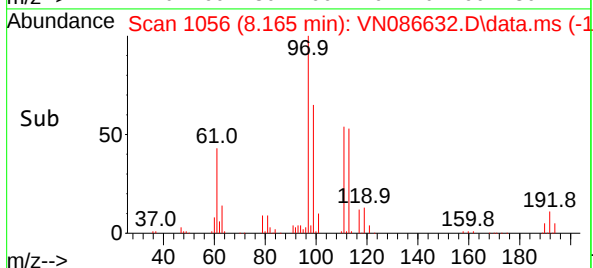
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

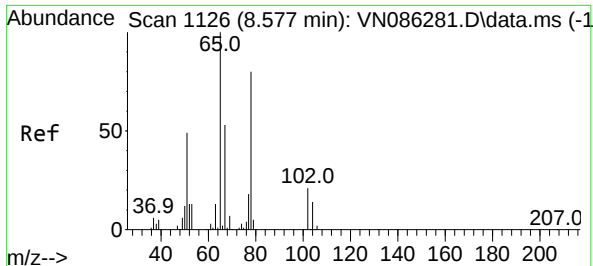


#32
1,1,1-Trichloroethane
Concen: 47.935 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



Tgt Ion: 97 Resp: 235433
Ion Ratio Lower Upper
97 100
99 66.4 52.7 79.1
61 45.5 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 42.414 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14968

Ion Ratio Lower Upper

65 100

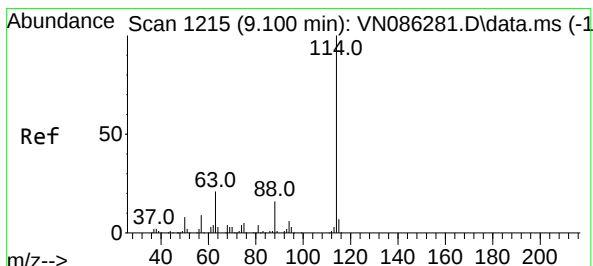
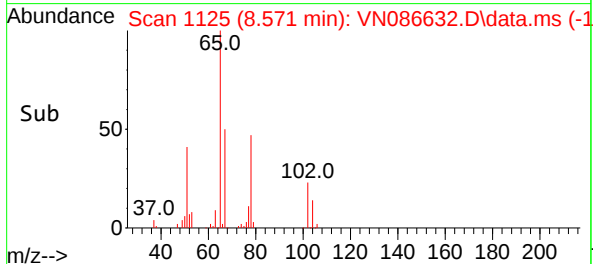
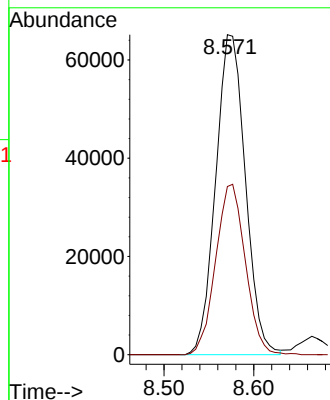
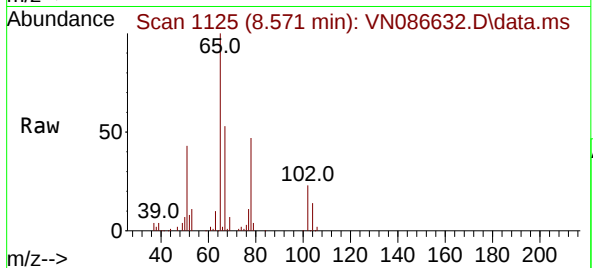
67 53.2 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

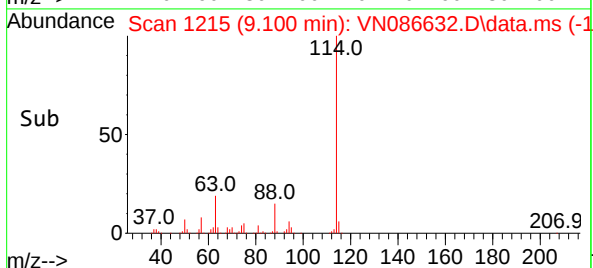
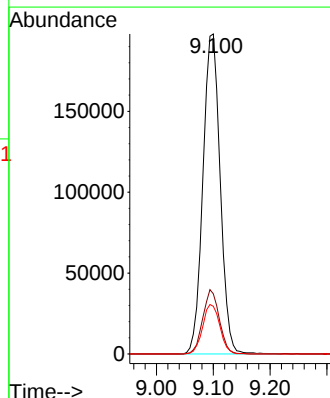
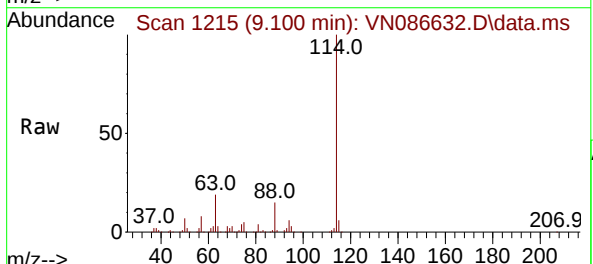
Tgt Ion:114 Resp: 416442

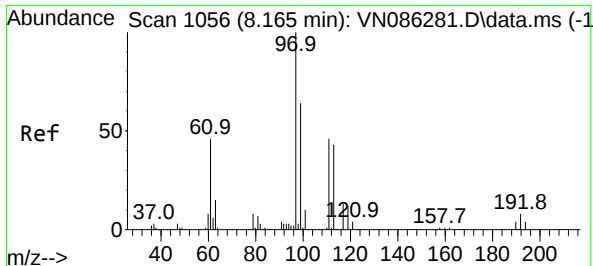
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.6

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 64.038 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

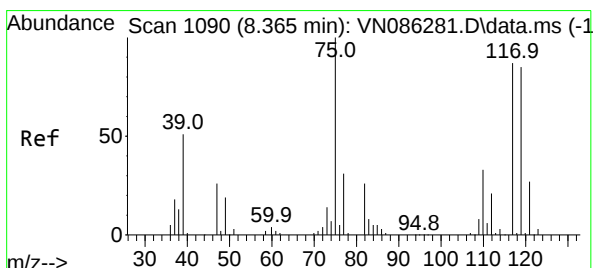
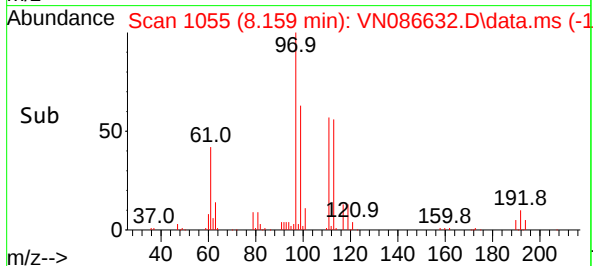
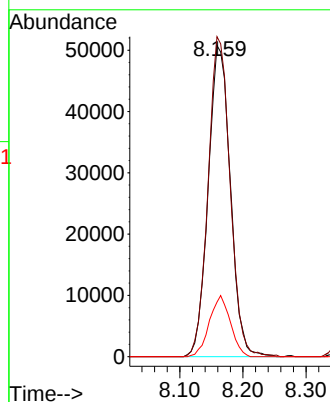
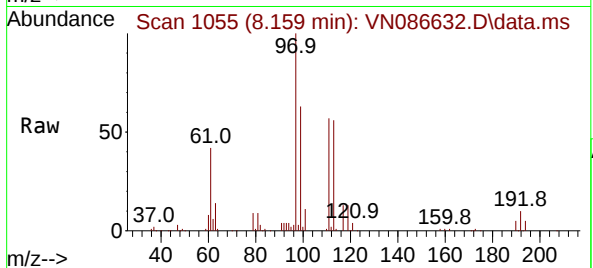
Tgt Ion:	113	Resp:	123770
Ion Ratio	Lower	Upper	
113	100		
111	102.0	83.4	125.0
192	18.6	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#36

1,1-Dichloropropene

Concen: 50.468 ug/l

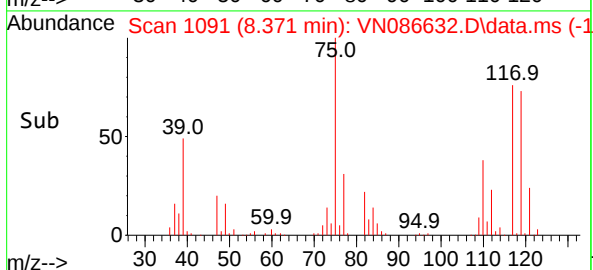
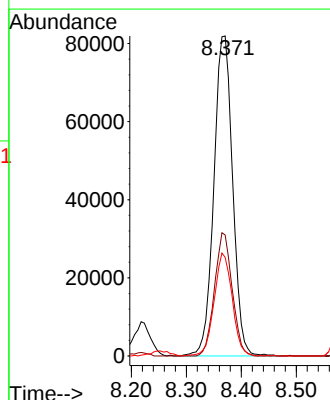
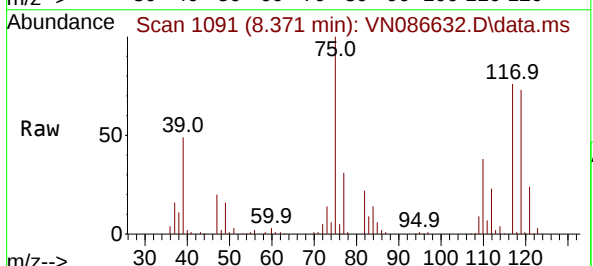
RT: 8.371 min Scan# 1091

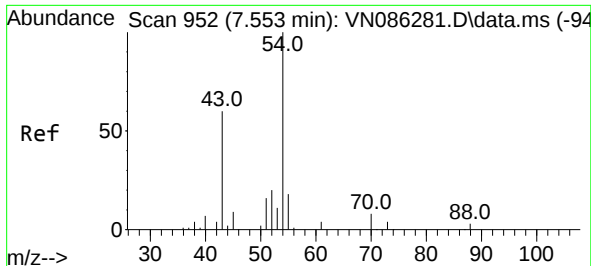
Delta R.T. 0.006 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

Tgt Ion:	75	Resp:	194825
Ion Ratio	Lower	Upper	
75	100		
110	36.2	16.8	50.4
77	30.9	24.9	37.3





#37

Ethyl Acetate

Concen: 43.116 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 17523

Ion Ratio Lower Upper

43 100

61 13.5 11.1 16.7

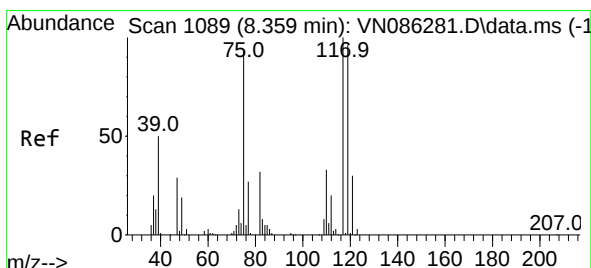
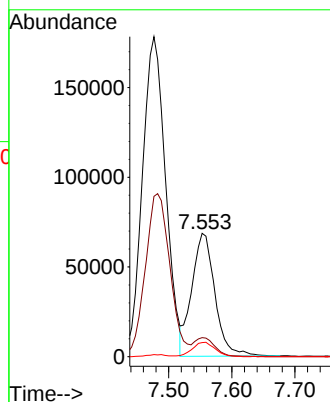
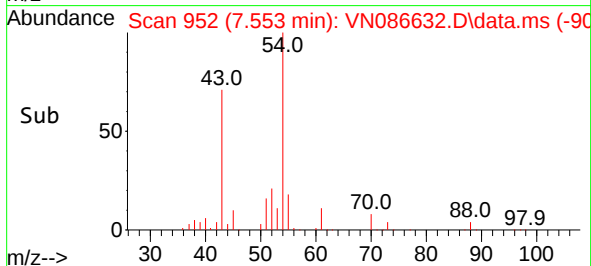
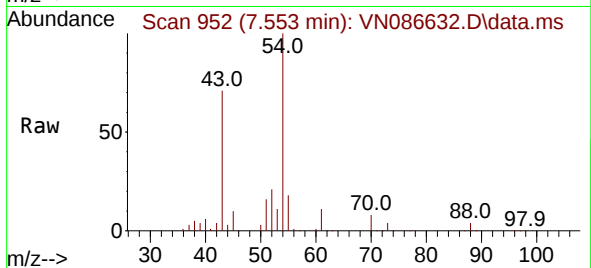
70 11.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#38

Carbon Tetrachloride

Concen: 54.542 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

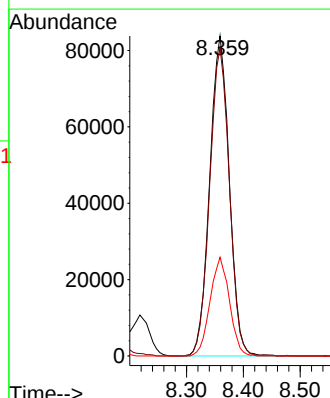
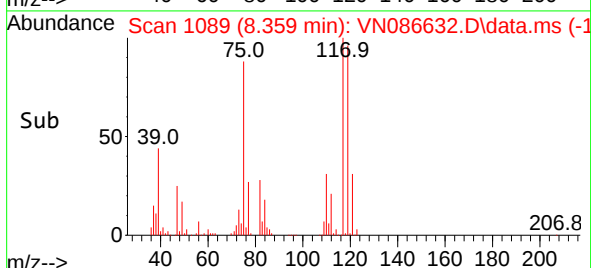
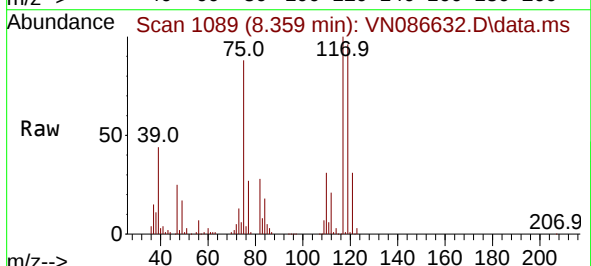
Tgt Ion:117 Resp: 200514

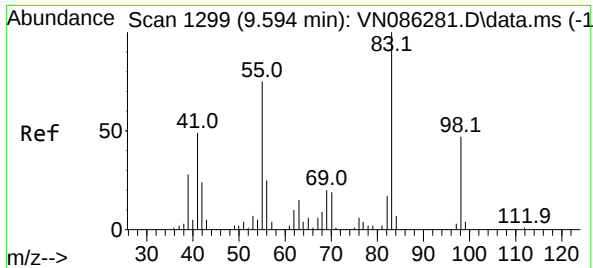
Ion Ratio Lower Upper

117 100

119 96.2 76.8 115.2

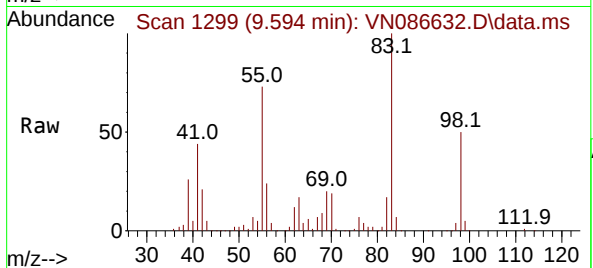
121 30.9 23.8 35.8





#39
Methylcyclohexane
Concen: 48.787 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

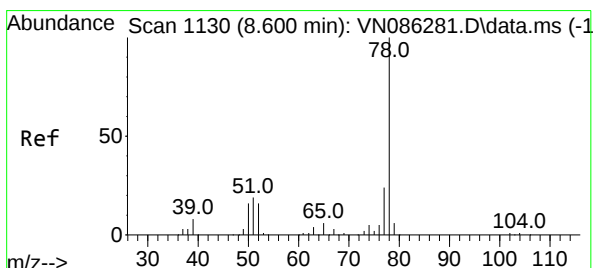
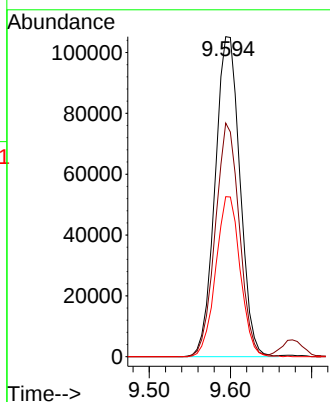
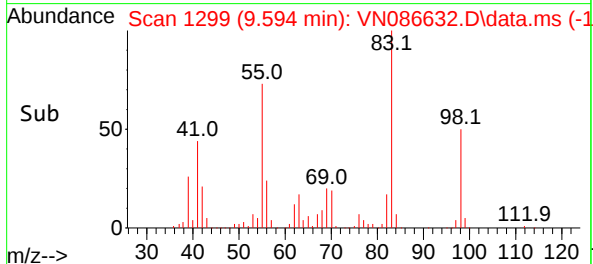
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



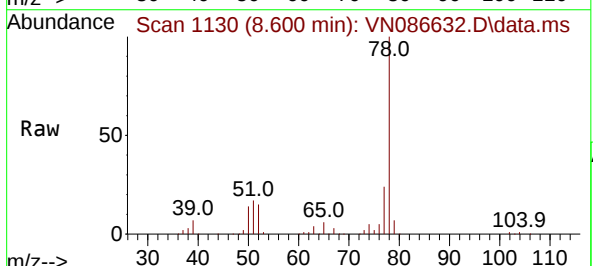
Tgt Ion: 83 Resp: 22385
Ion Ratio Lower Upper
83 100
55 73.0 59.8 89.8
98 50.0 37.9 56.9

Manual Integrations
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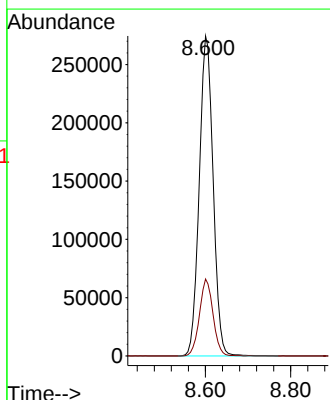
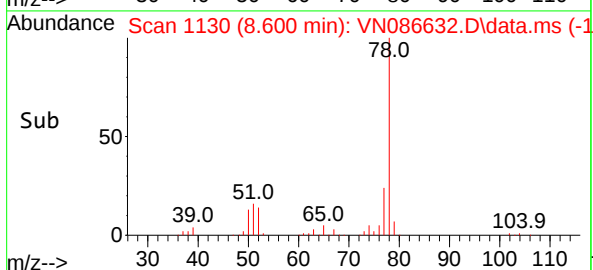
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

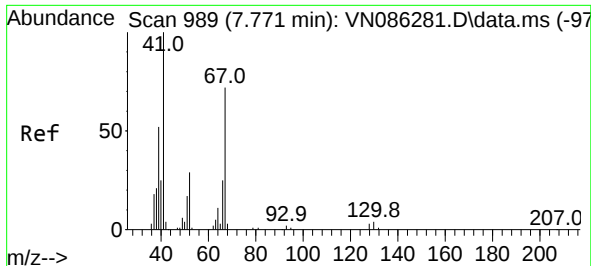


#40
Benzene
Concen: 50.132 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



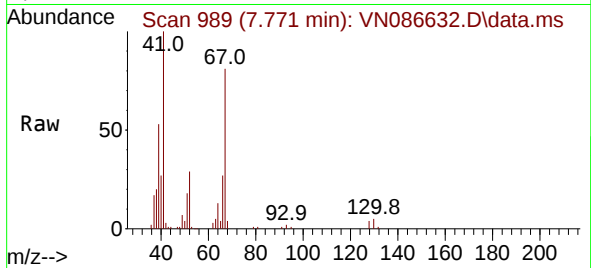
Tgt Ion: 78 Resp: 620055
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2





#41
Methacrylonitrile
Concen: 40.657 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

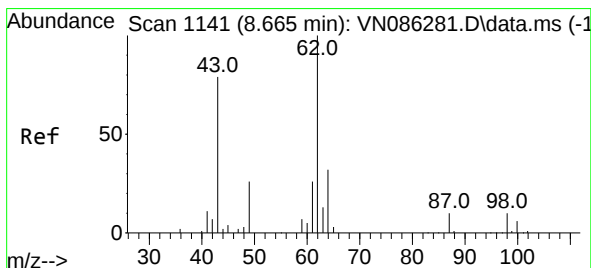
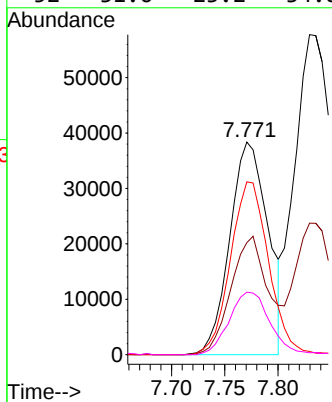
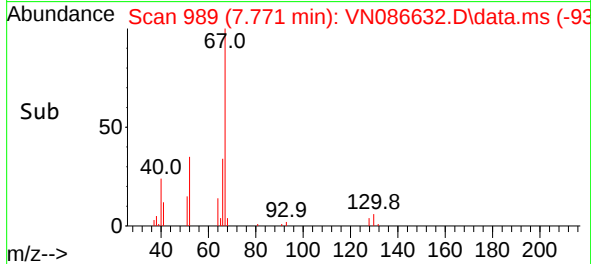
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 95768
Ion Ratio Lower Upper
41 100
39 56.4 43.0 64.4
67 81.6 58.8 88.2
52 31.6 23.2 34.8

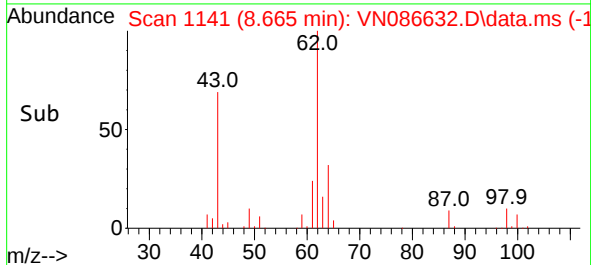
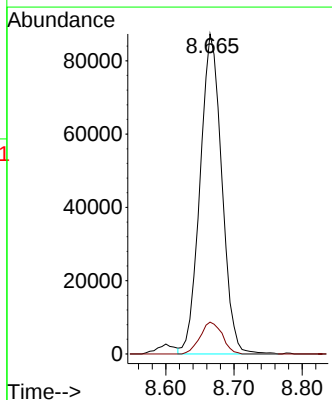
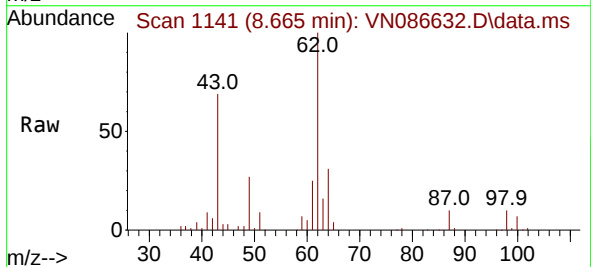
Manual Integrations
APPROVED

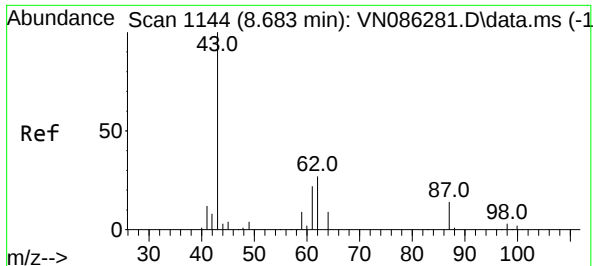
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#42
1,2-Dichloroethane
Concen: 49.086 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

Tgt Ion: 62 Resp: 193608
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.2





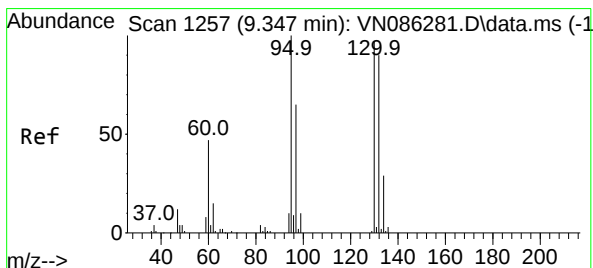
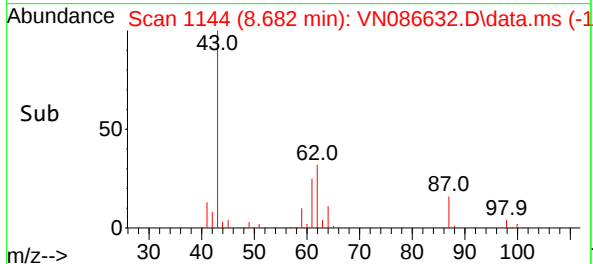
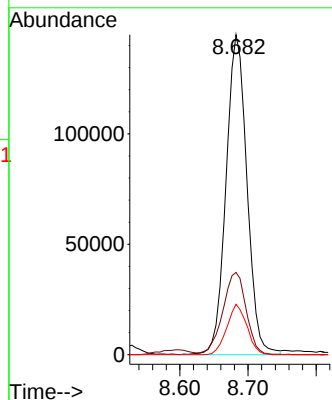
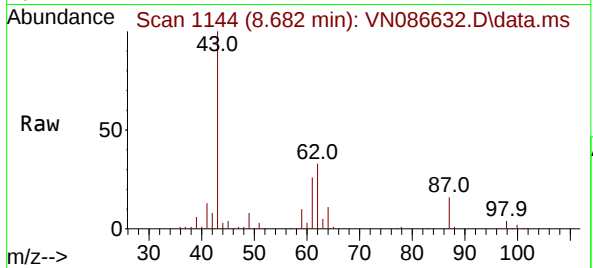
#43
Isopropyl Acetate
Concen: 42.157 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 309988
Ion Ratio Lower Upper
43 100
61 28.8 20.5 30.7
87 15.1 10.5 15.7

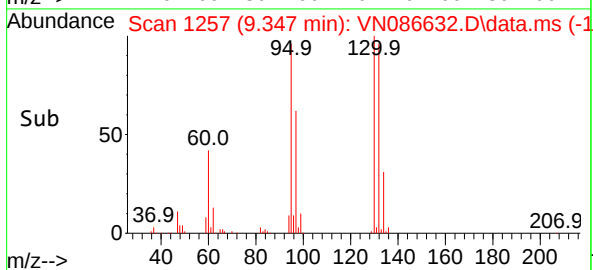
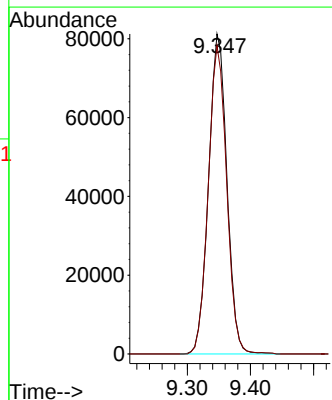
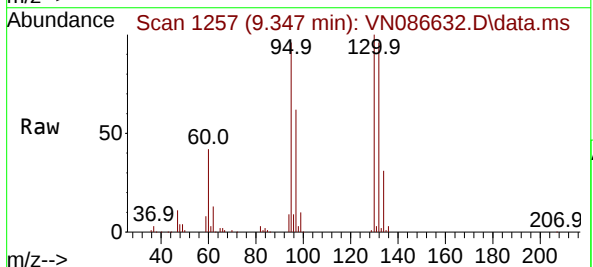
Manual Integrations
APPROVED

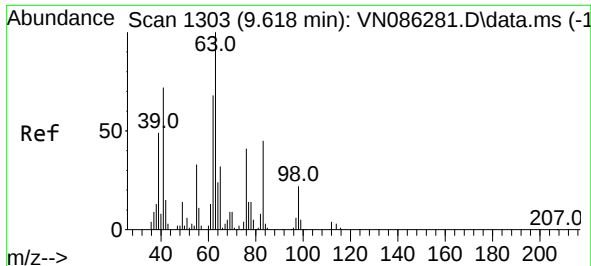
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#44
Trichloroethene
Concen: 55.986 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

Tgt Ion:130 Resp: 164127
Ion Ratio Lower Upper
130 100
95 96.3 0.0 207.2





#45

1,2-Dichloropropane

Concen: 48.444 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 146668

Ion Ratio Lower Upper

63 100

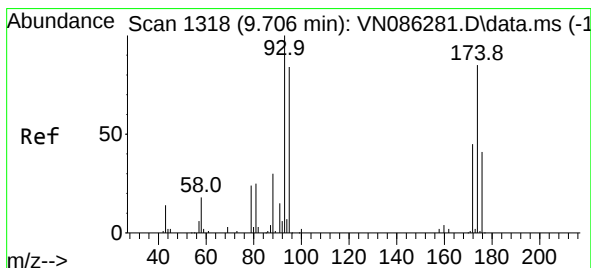
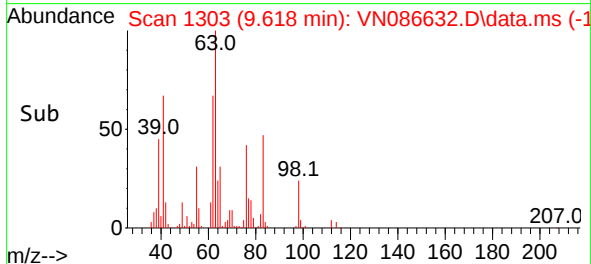
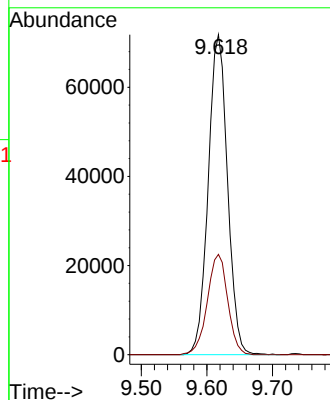
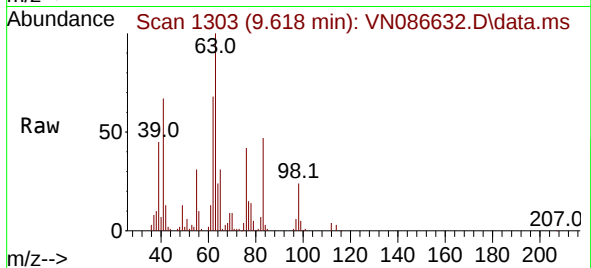
65 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#46

Dibromomethane

Concen: 52.046 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

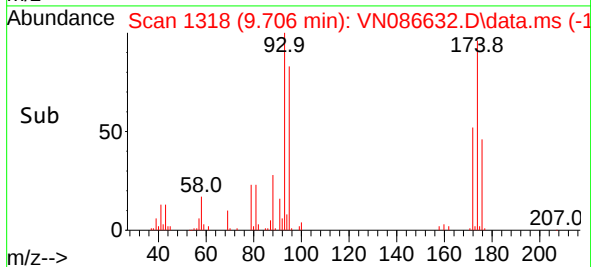
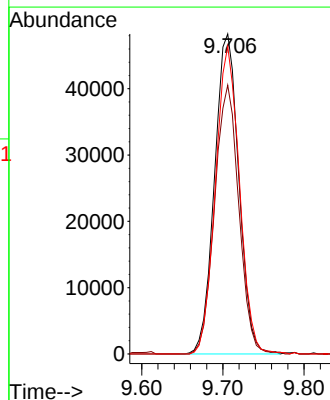
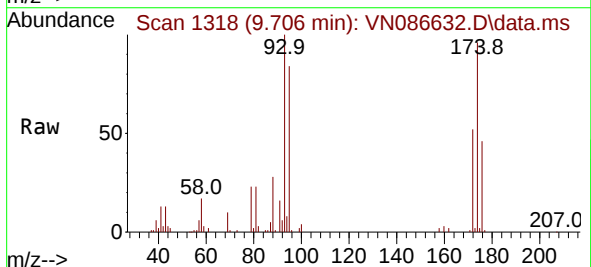
Tgt Ion: 93 Resp: 100399

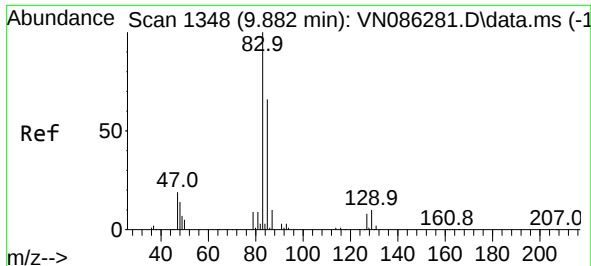
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

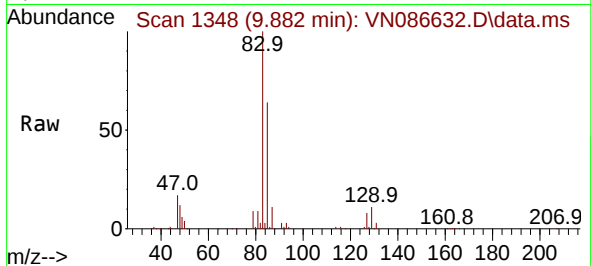
174 95.1 67.8 101.6





#47
Bromodichloromethane
Concen: 50.589 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

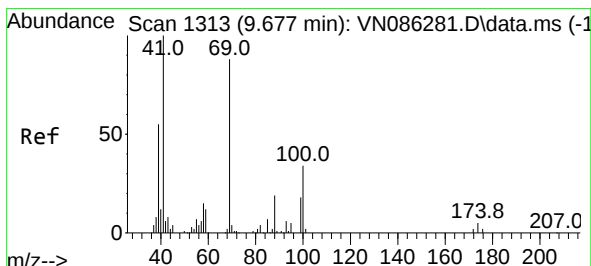
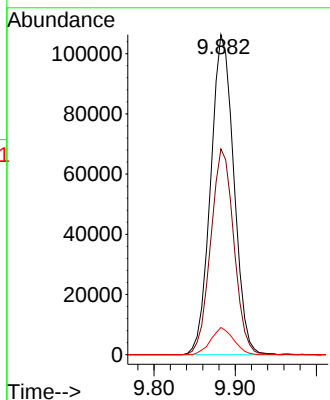
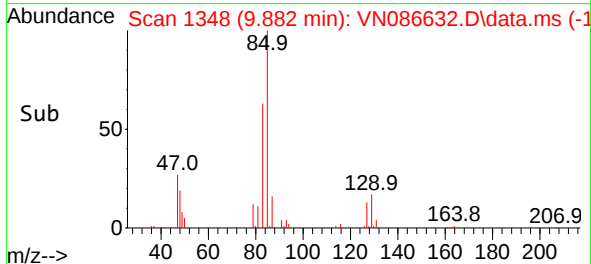
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



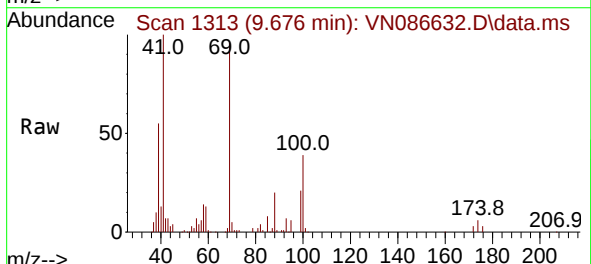
Tgt Ion: 83 Resp: 21077
Ion Ratio Lower Upper
83 100
85 64.3 52.6 78.8
127 8.5 6.1 9.1

Manual Integrations
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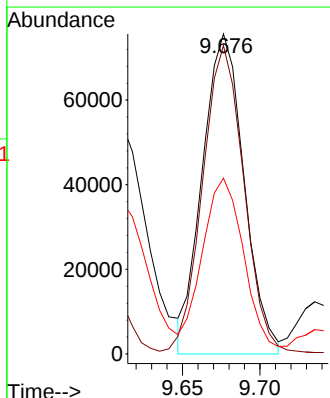
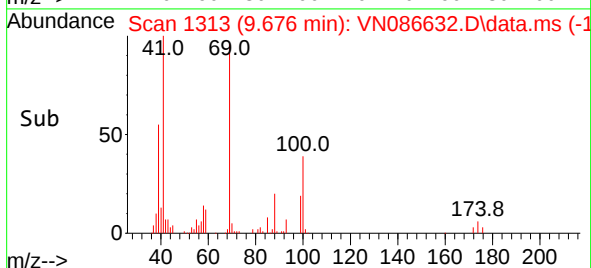
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

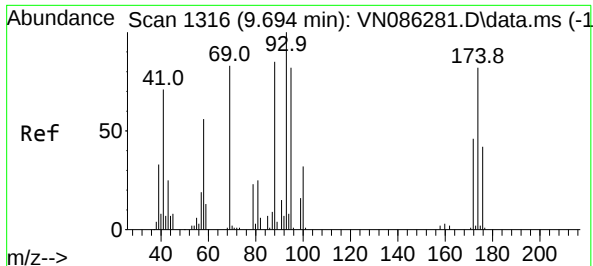


#48
Methyl methacrylate
Concen: 39.588 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



Tgt Ion: 41 Resp: 141292
Ion Ratio Lower Upper
41 100
69 96.2 68.2 102.2
39 55.2 45.2 67.8





#49

1,4-Dioxane

Concen: 907.249 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

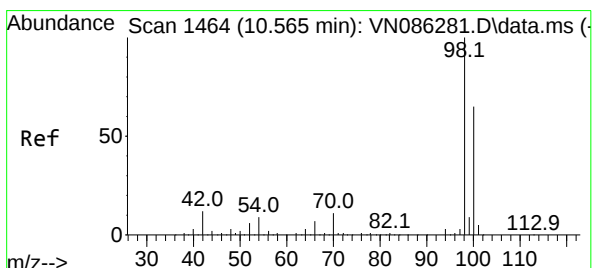
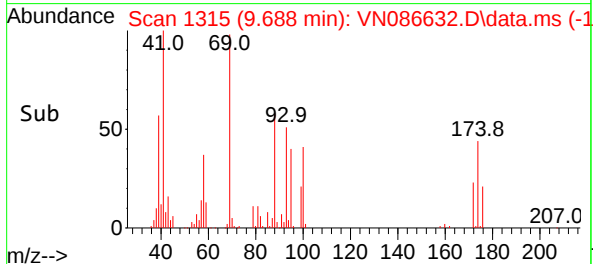
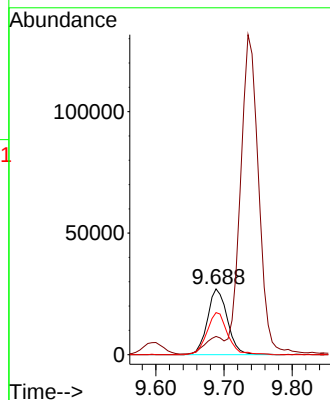
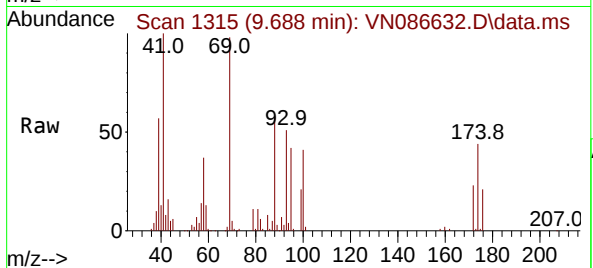
Tgt Ion:	88	Resp:	55078
Ion Ratio	Lower	Upper	
88	100		
43	24.2	23.8	35.8
58	66.4	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#50

Toluene-d8

Concen: 47.591 ug/l

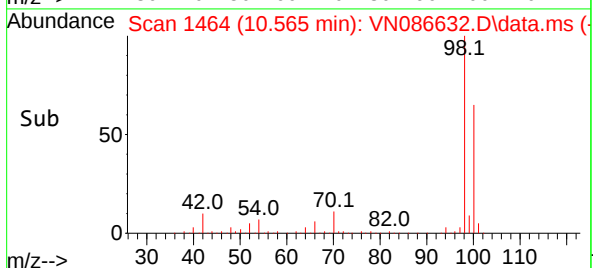
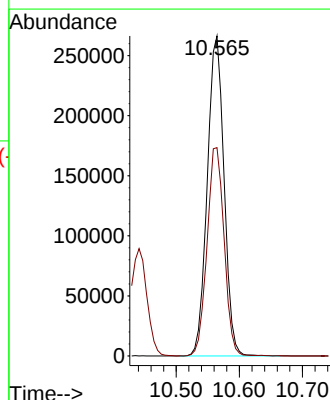
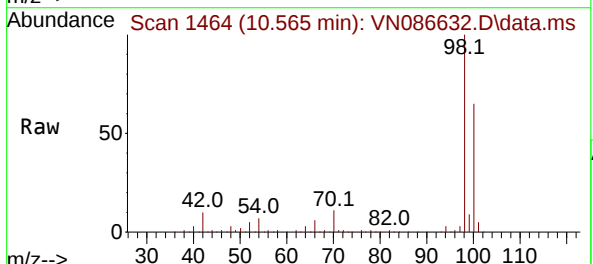
RT: 10.565 min Scan# 1464

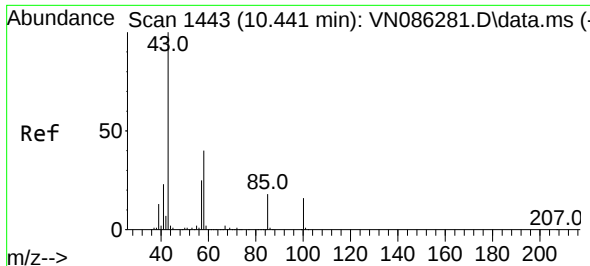
Delta R.T. -0.000 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

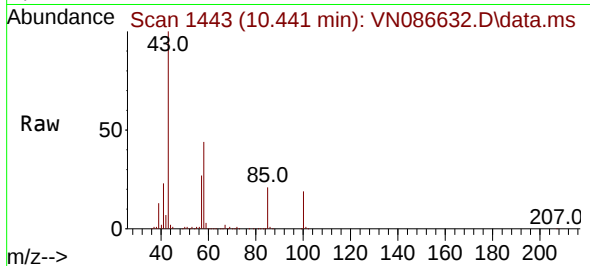
Tgt Ion:	98	Resp:	491600
Ion Ratio	Lower	Upper	
98	100		
100	66.2	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 206.651 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

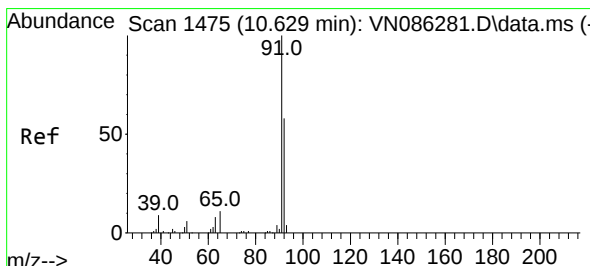
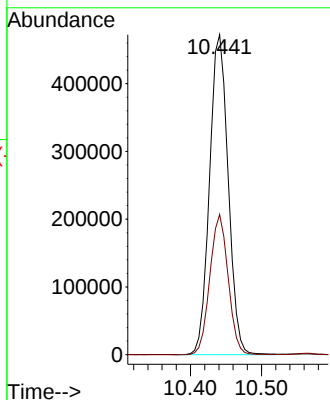
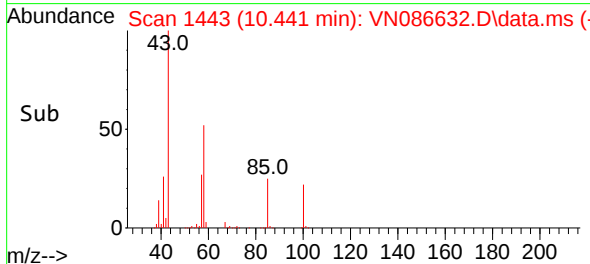
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 860030
Ion Ratio Lower Upper
43 100
58 42.9 32.2 48.4

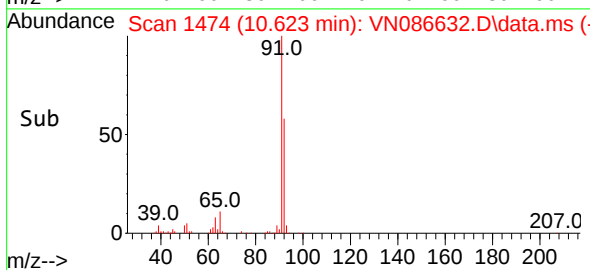
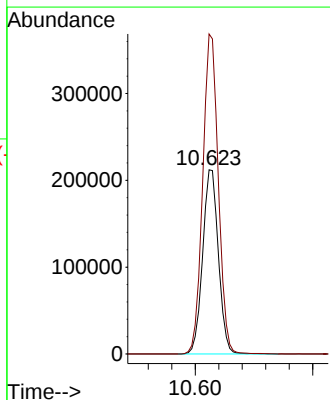
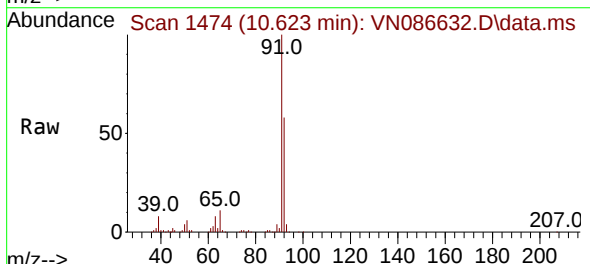
Manual Integrations
APPROVED

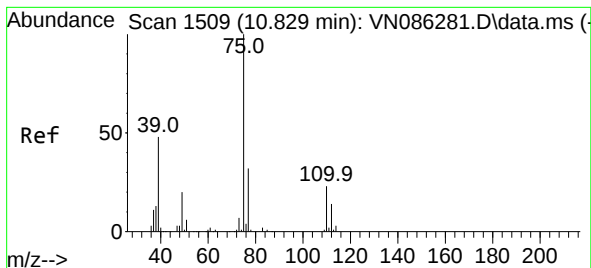
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#52
Toluene
Concen: 51.103 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

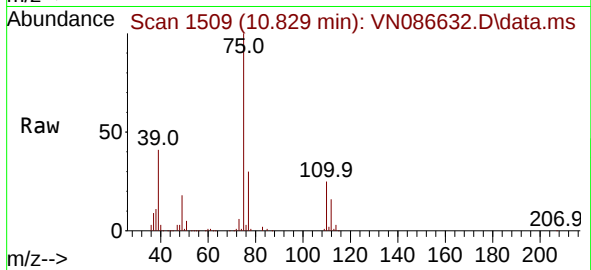
Tgt Ion: 92 Resp: 394392
Ion Ratio Lower Upper
92 100
91 172.6 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 50.003 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

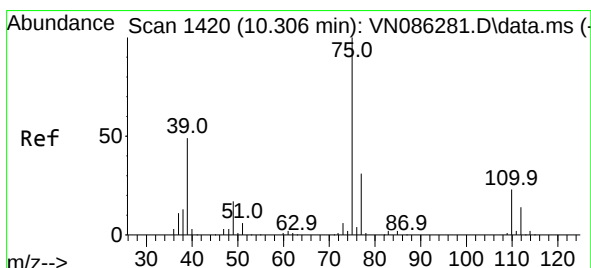
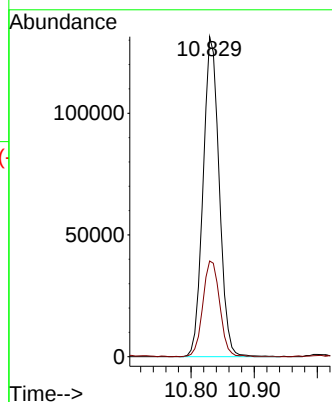
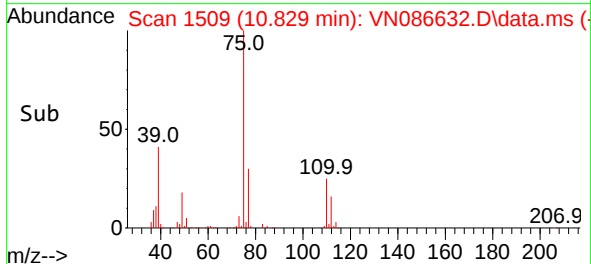
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 23255
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.0

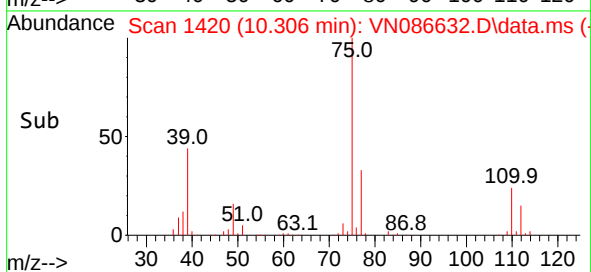
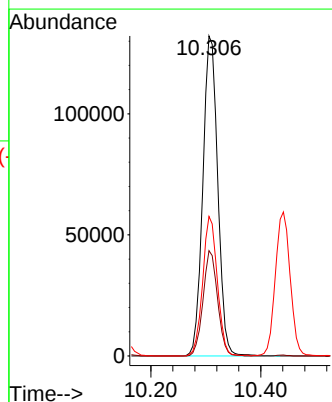
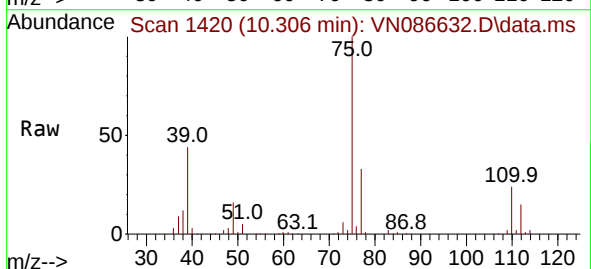
Manual Integrations
APPROVED

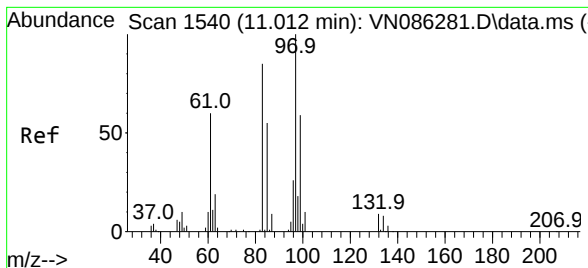
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 48.766 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

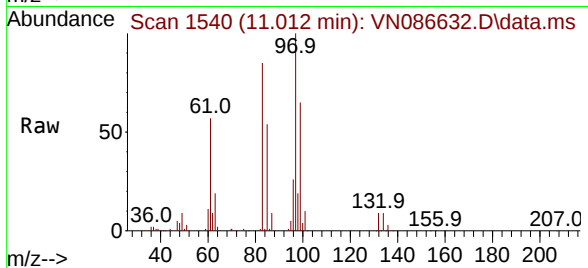
Tgt Ion: 75 Resp: 249107
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8
39 43.6 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 51.571 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

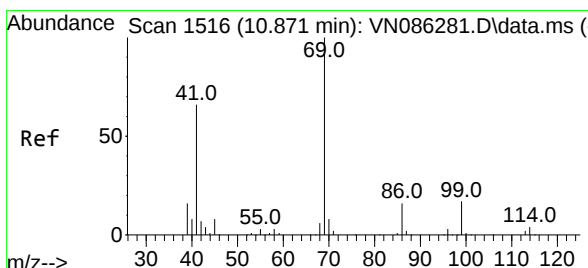
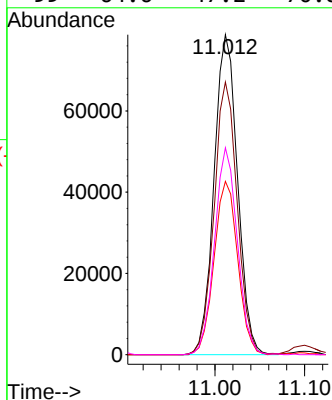
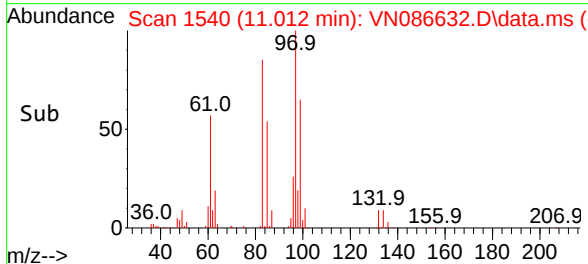
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



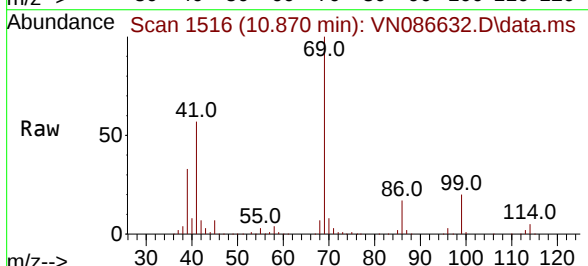
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.4	102.6
85	54.2	43.9	65.9
99	64.6	47.2	70.8

Manual Integrations
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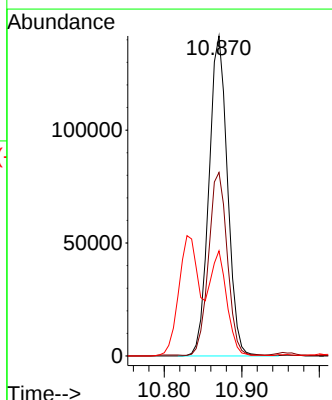
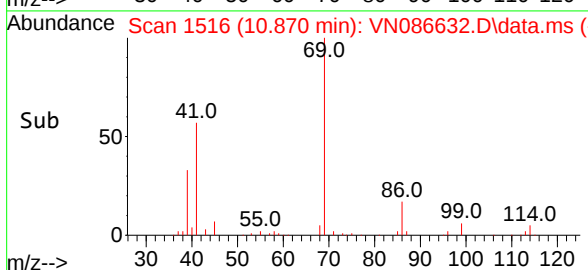
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

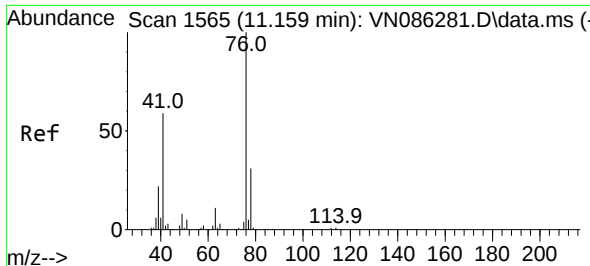


#56
Ethyl methacrylate
Concen: 46.152 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.6	51.7	77.5
39	28.7	26.3	39.5





#57

1,3-Dichloropropane

Concen: 50.150 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 24706

Ion Ratio Lower Upper

76 100

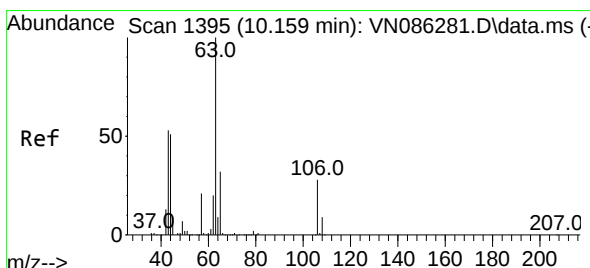
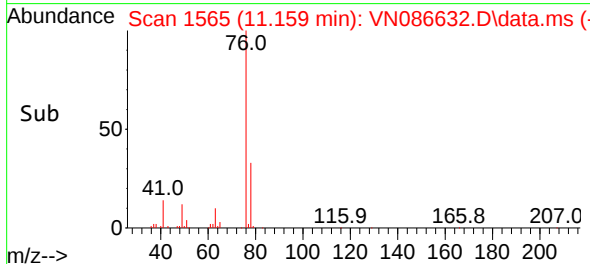
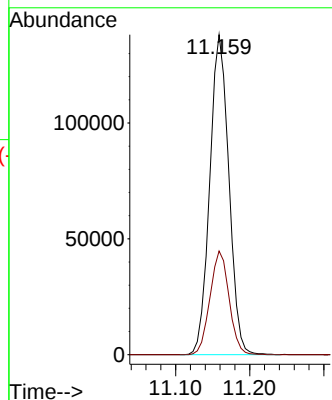
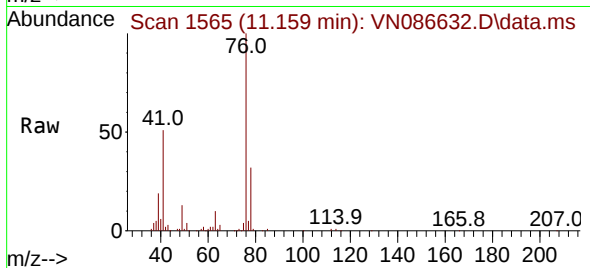
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 189.467 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086632.D

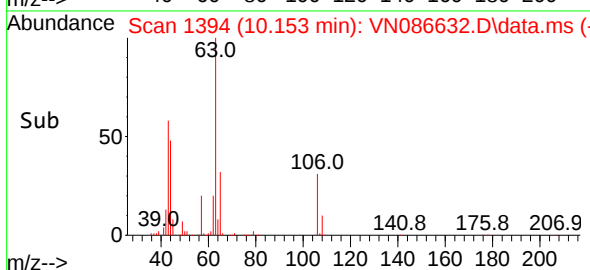
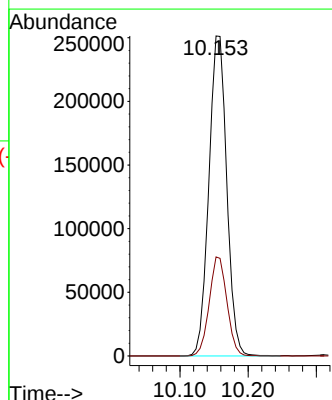
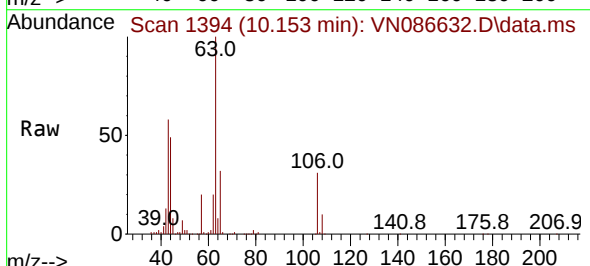
Acq: 15 May 2025 09:37

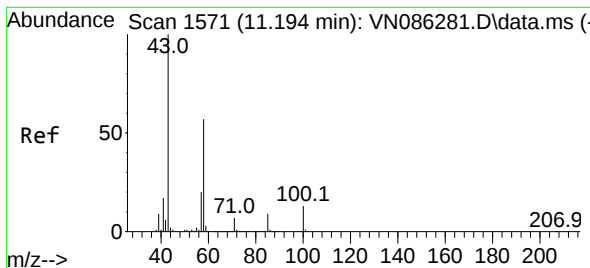
Tgt Ion: 63 Resp: 458991

Ion Ratio Lower Upper

63 100

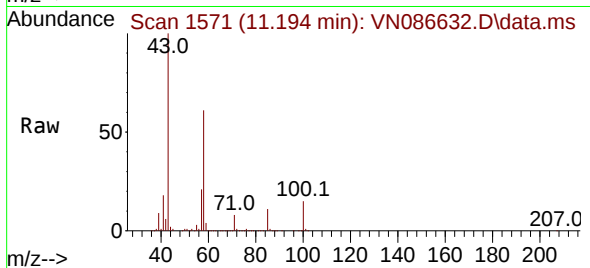
106 30.6 22.2 33.2





#59
2-Hexanone
Concen: 207.504 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

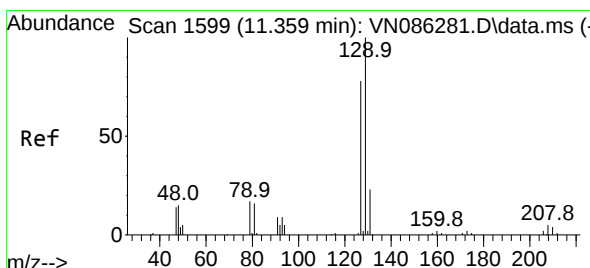
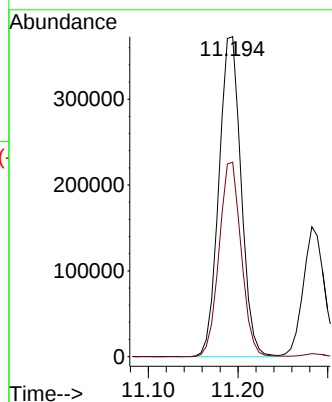
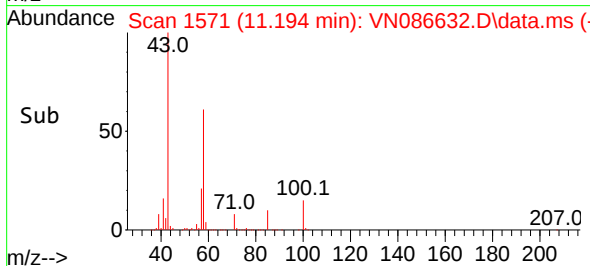
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 640544
Ion Ratio Lower Upper
43 100
58 60.6 28.3 85.0

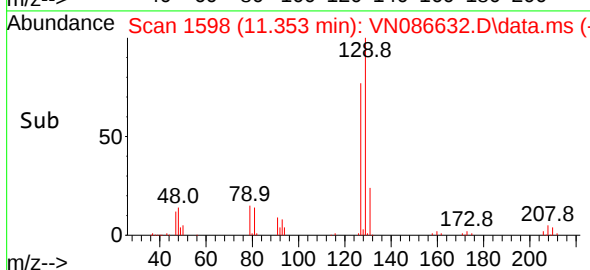
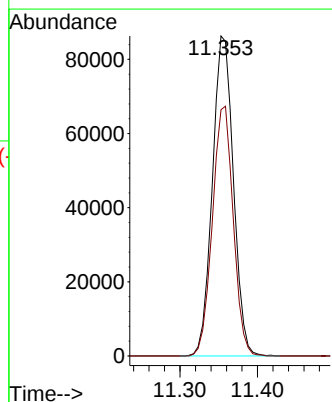
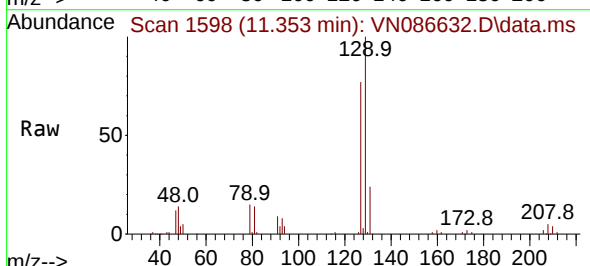
Manual Integrations
APPROVED

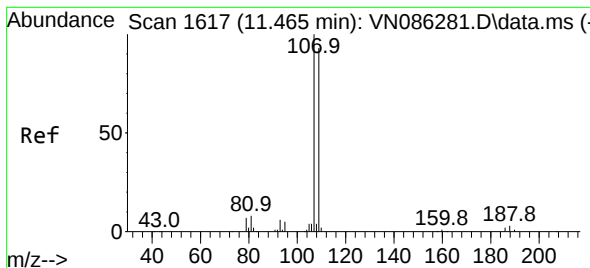
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#60
Dibromochloromethane
Concen: 53.302 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

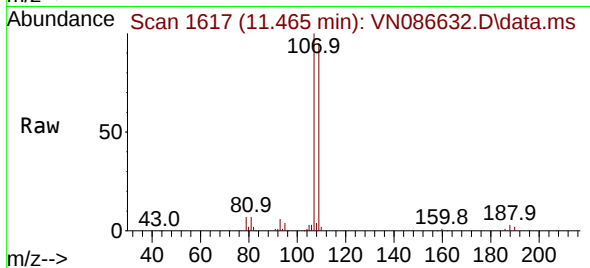
Tgt Ion:129 Resp: 162524
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1





#61
1,2-Dibromoethane
Concen: 51.840 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

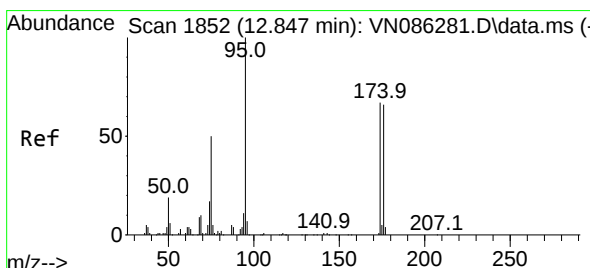
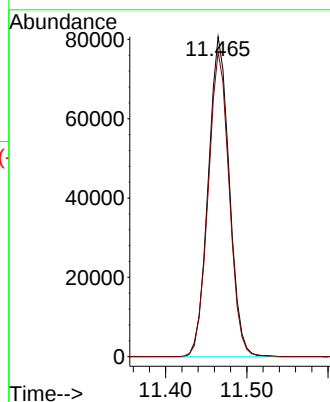
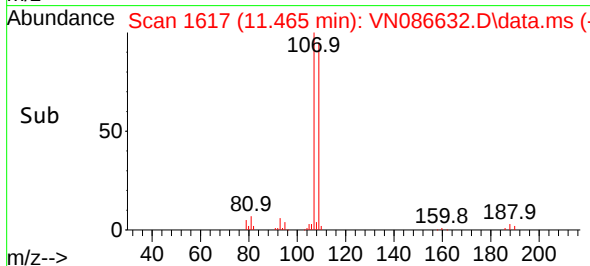
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



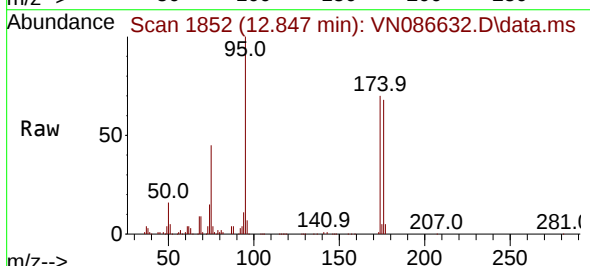
Tgt Ion:107 Resp: 145244
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.0

Manual Integrations
APPROVED

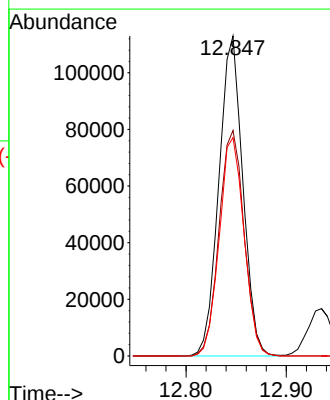
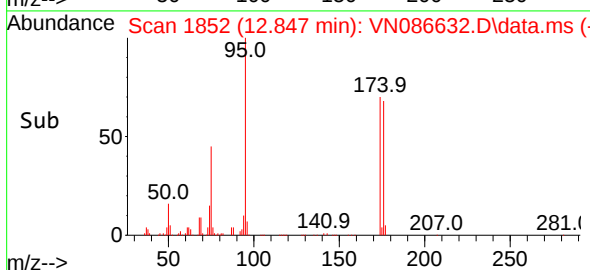
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

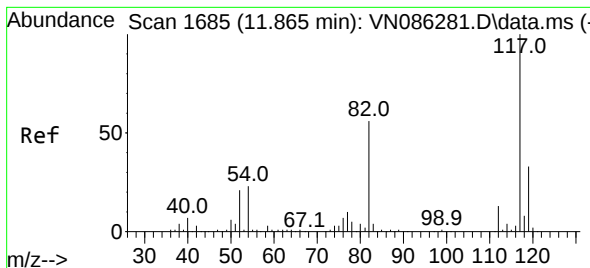


#62
4-Bromofluorobenzene
Concen: 49.600 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



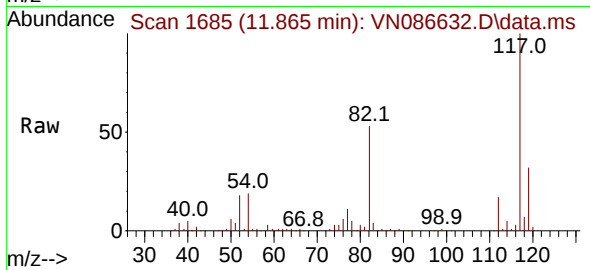
Tgt Ion: 95 Resp: 186876
Ion Ratio Lower Upper
95 100
174 73.7 0.0 133.4
176 70.6 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

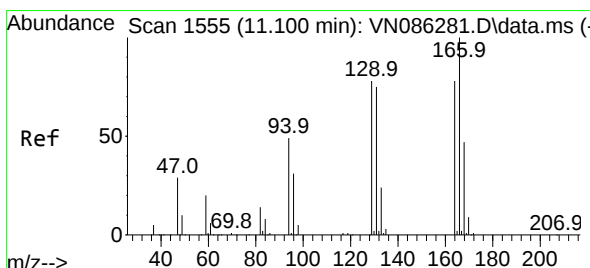
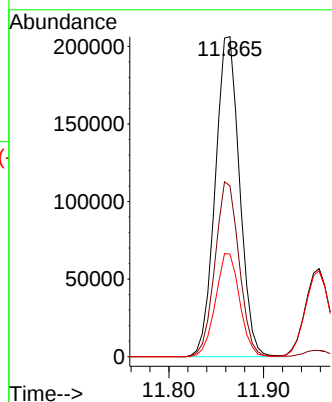
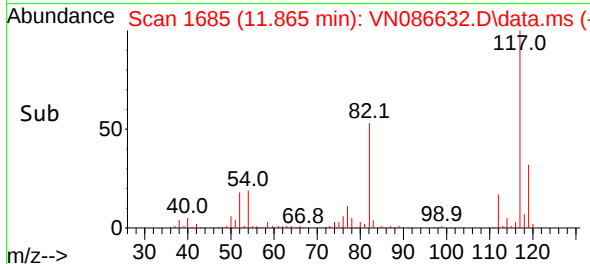
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



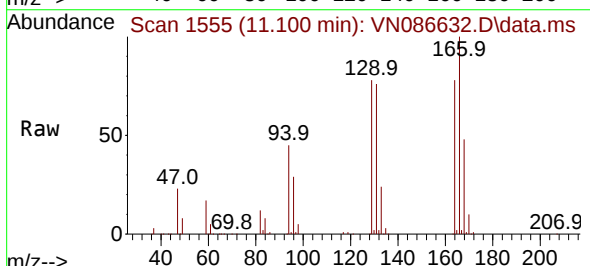
Tgt Ion:117 Resp: 36824
Ion Ratio Lower Upper
117 100
82 53.4 44.7 67.1
119 32.0 26.4 39.6

Manual Integrations
APPROVED

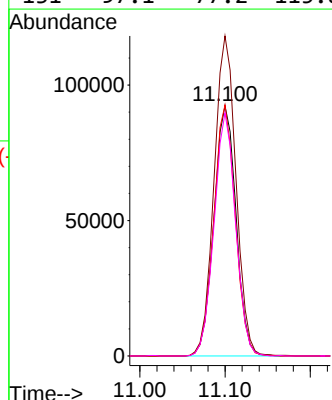
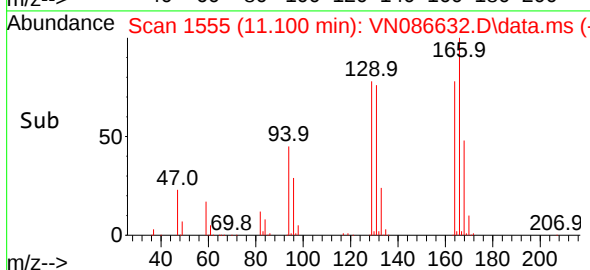
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

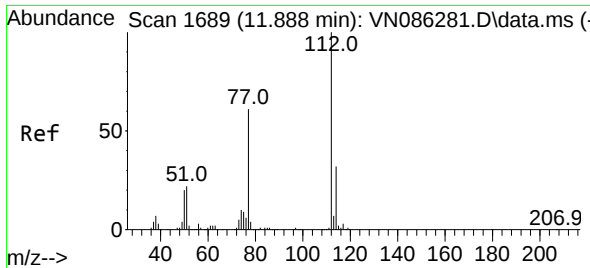


#64
Tetrachloroethene
Concen: 58.776 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



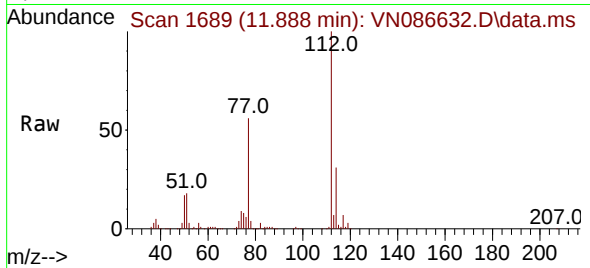
Tgt Ion:164 Resp: 166485
Ion Ratio Lower Upper
164 100
166 127.9 103.0 154.4
129 100.3 80.1 120.1
131 97.1 77.2 115.8





#65
Chlorobenzene
Concen: 53.003 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

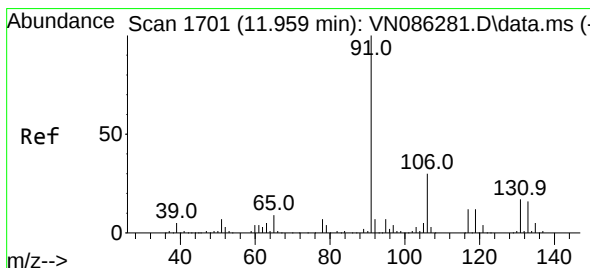
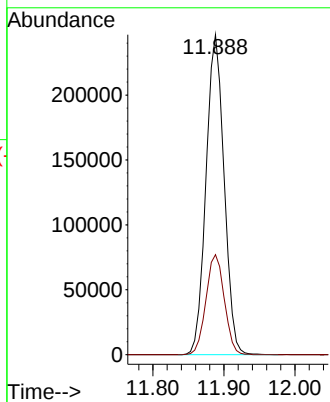
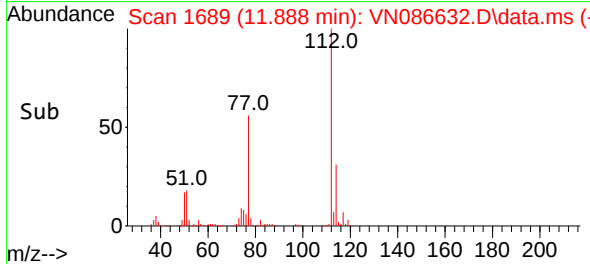
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



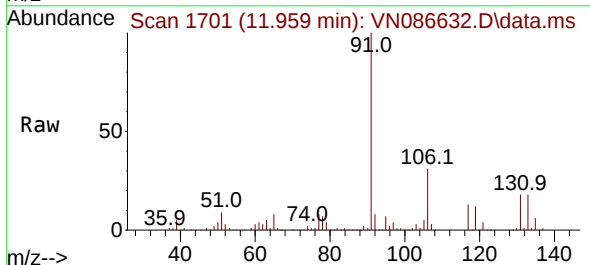
Tgt Ion:112 Resp: 43557
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0

Manual Integrations
APPROVED

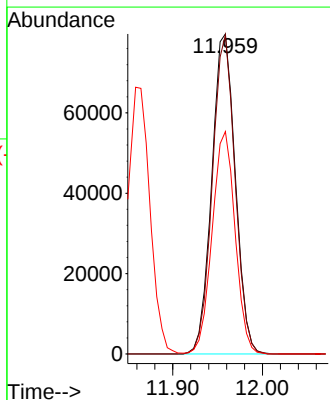
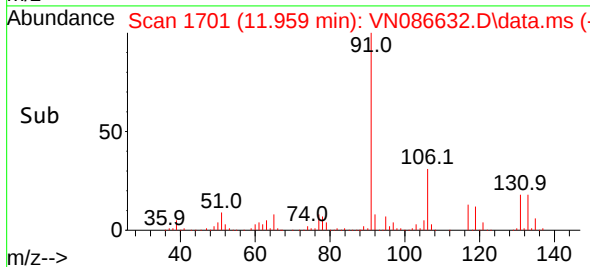
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

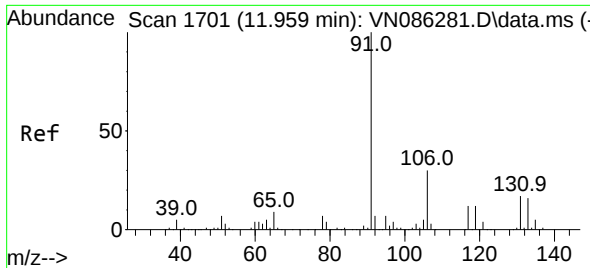


#66
1,1,1,2-Tetrachloroethane
Concen: 53.502 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



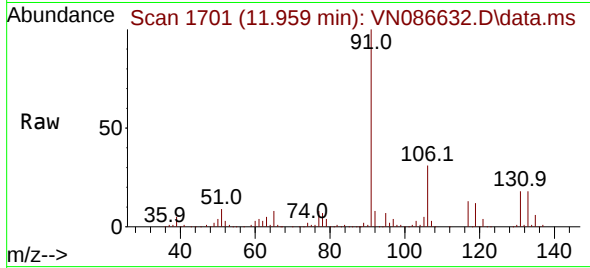
Tgt Ion:131 Resp: 145047
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.3
119 67.7 33.8 101.4





#67
Ethyl Benzene
Concen: 50.585 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

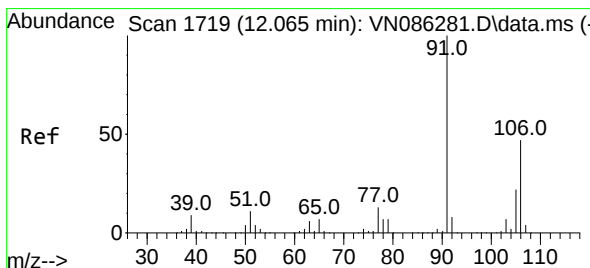
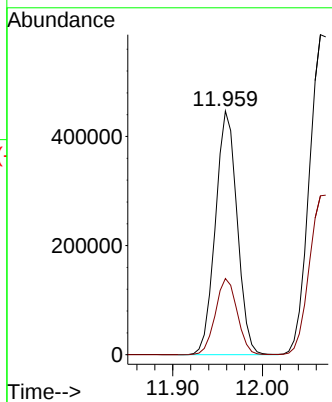
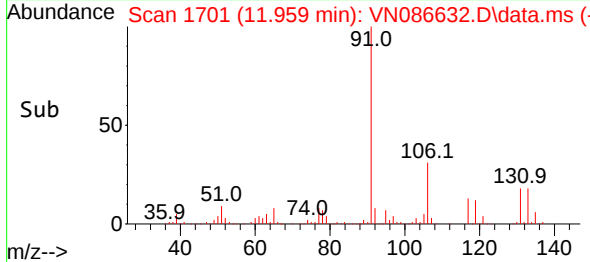
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



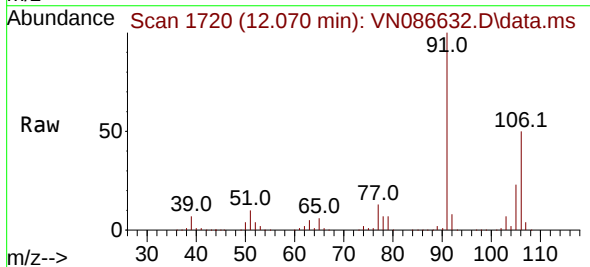
Tgt Ion: 91 Resp: 750149
Ion Ratio Lower Upper
91 100
106 31.3 24.3 36.5

Manual Integrations
APPROVED

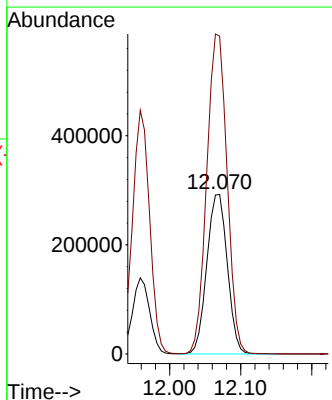
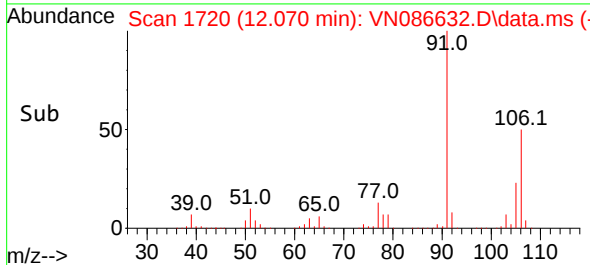
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

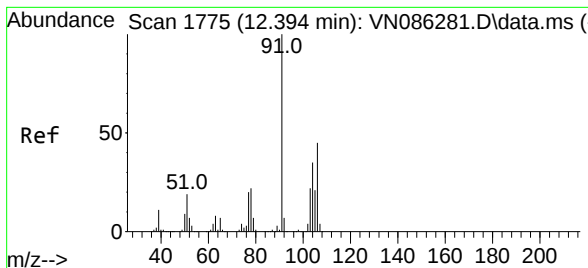


#68
m/p-Xylenes
Concen: 105.476 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



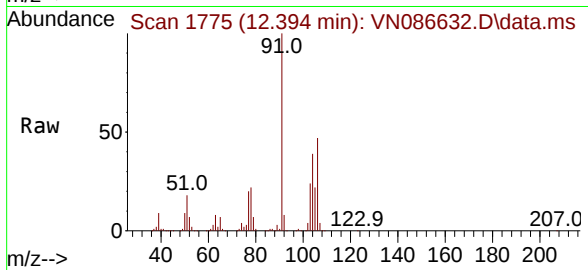
Tgt Ion:106 Resp: 586084
Ion Ratio Lower Upper
106 100
91 199.1 166.5 249.7





#69
o-Xylene
Concen: 51.724 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

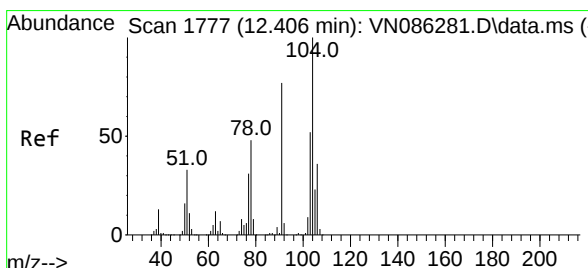
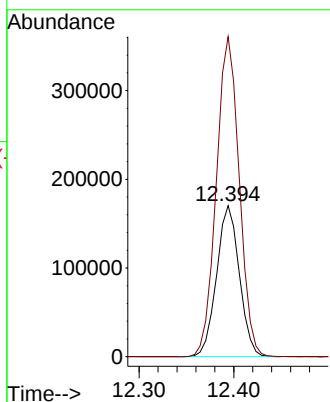
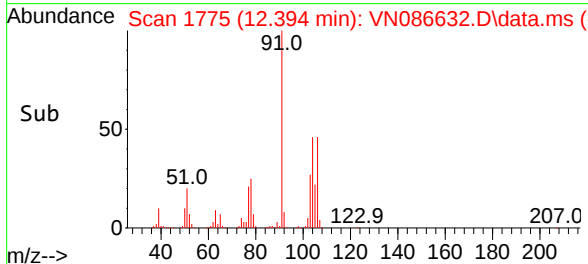
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



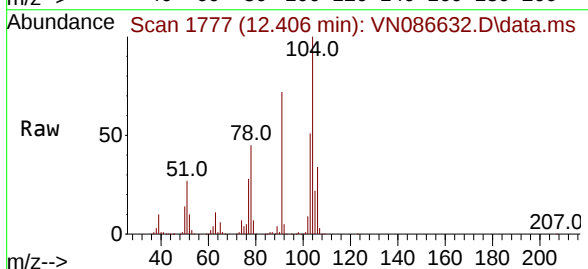
Tgt Ion:106 Resp: 284228
Ion Ratio Lower Upper
106 100
91 213.6 109.7 329.0

Manual Integrations
APPROVED

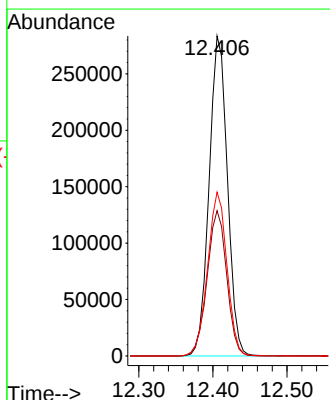
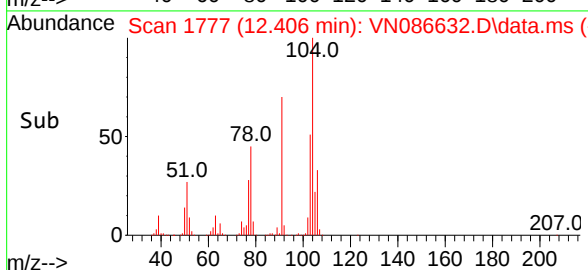
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

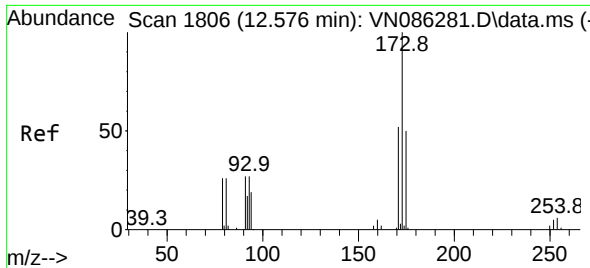


#70
Styrene
Concen: 53.085 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



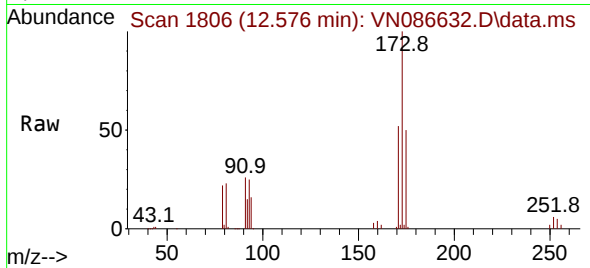
Tgt Ion:104 Resp: 486041
Ion Ratio Lower Upper
104 100
78 48.5 40.6 61.0
103 54.2 43.6 65.4





#71
Bromoform
Concen: 52.357 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

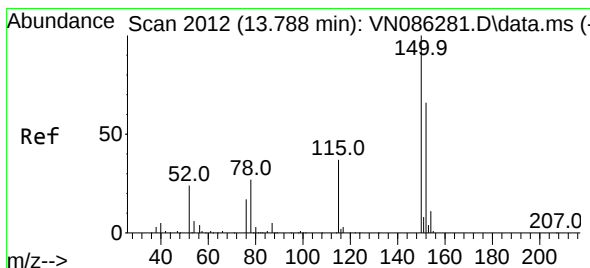
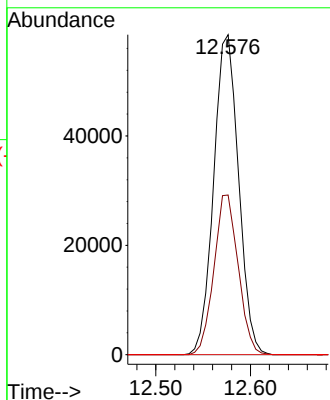
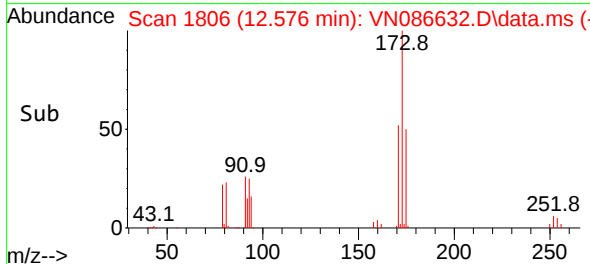
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



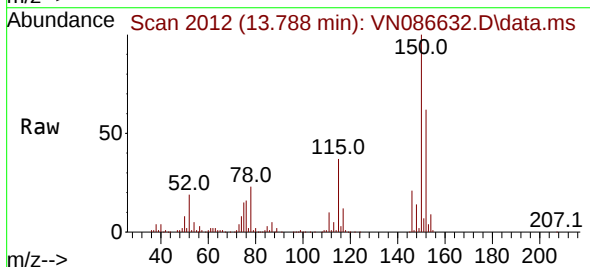
Tgt Ion:173 Resp: 106869
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

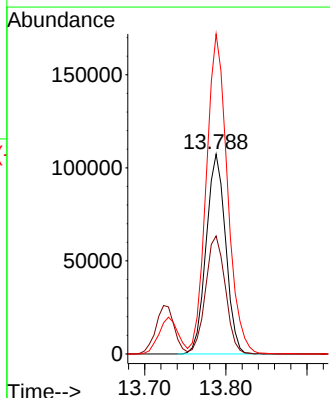
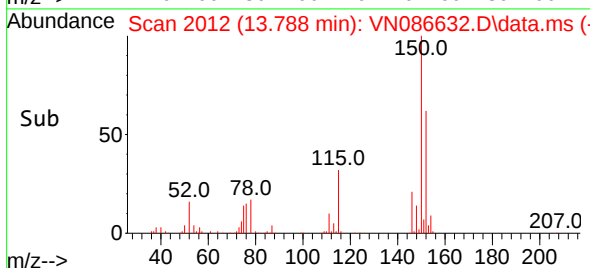
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

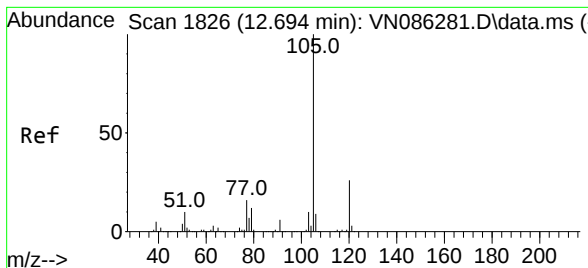


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



Tgt Ion:152 Resp: 178601
Ion Ratio Lower Upper
152 100
115 60.0 31.9 95.9
150 173.8 0.0 352.0





#73

Isopropylbenzene

Concen: 47.032 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 68714

Ion Ratio Lower Upper

105 100

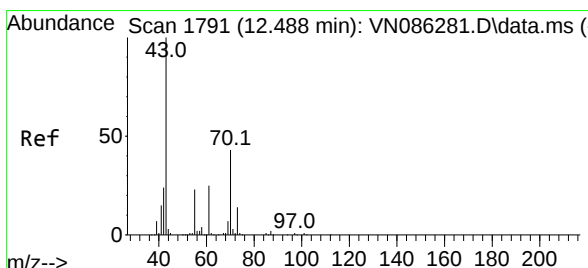
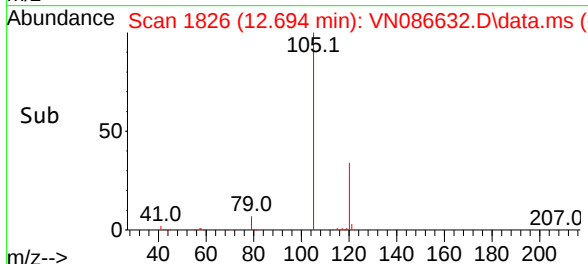
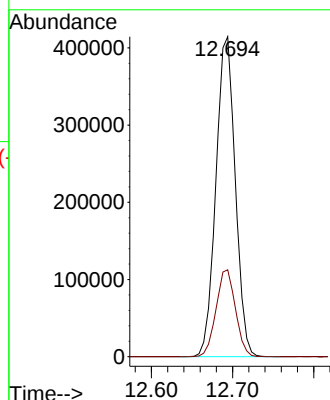
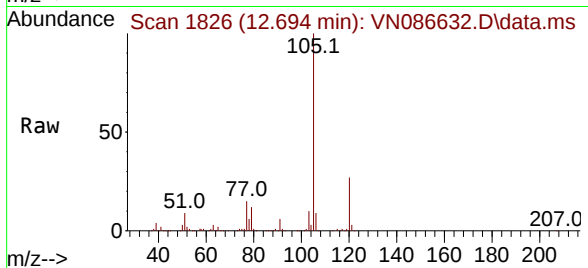
120 27.2 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#74

N-ethyl acetate

Concen: 35.342 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

Tgt Ion: 43 Resp: 257053

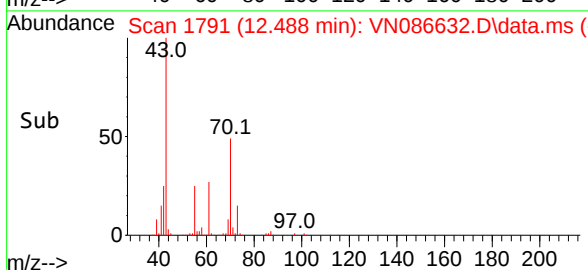
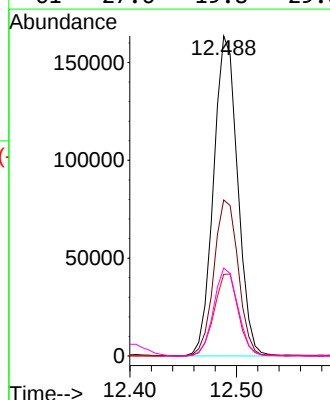
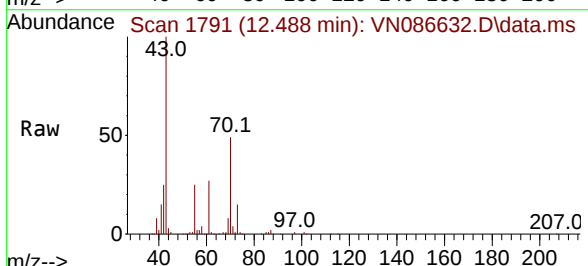
Ion Ratio Lower Upper

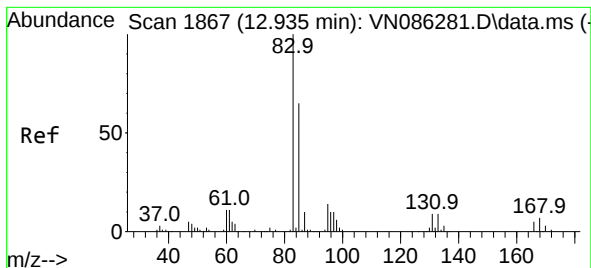
43 100

70 49.3 35.0 52.4

55 26.0 19.0 28.4

61 27.6 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 43.595 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 18313

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

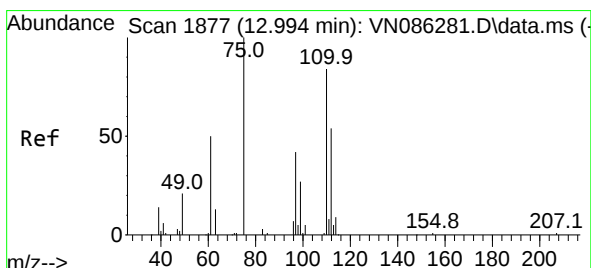
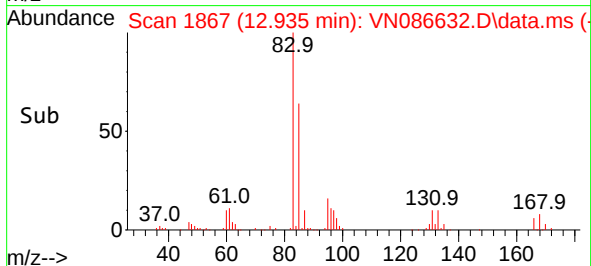
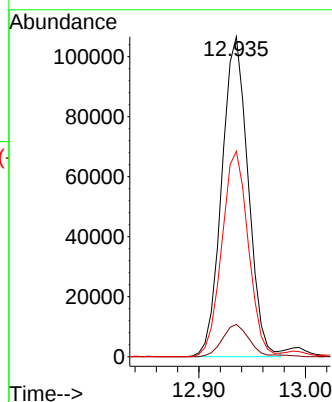
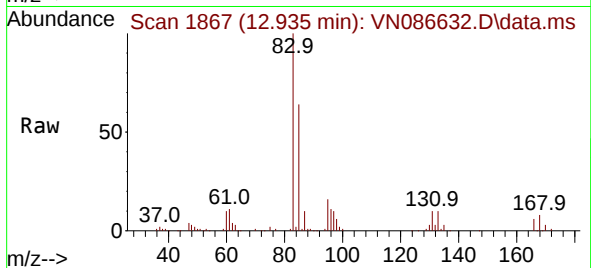
85 64.7 32.7 98.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#76

1,2,3-Trichloropropane

Concen: 43.025 ug/l m

RT: 12.988 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN086632.D

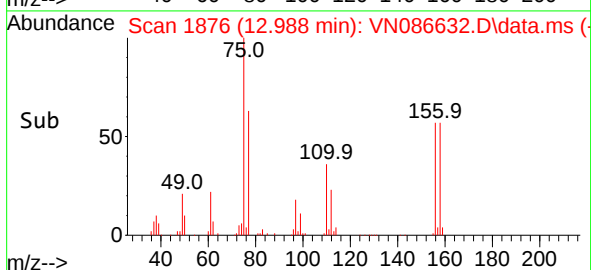
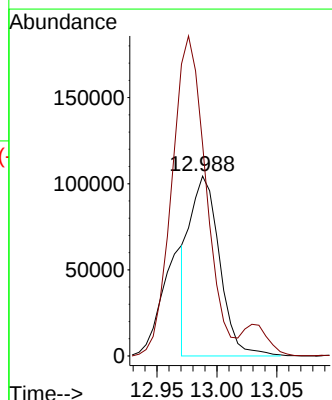
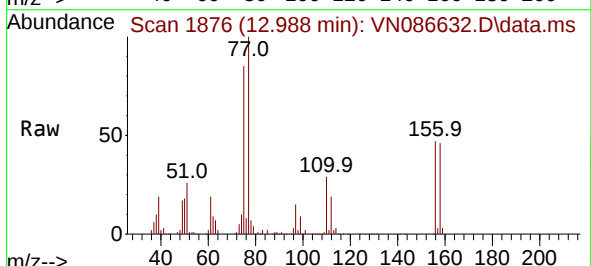
Acq: 15 May 2025 09:37

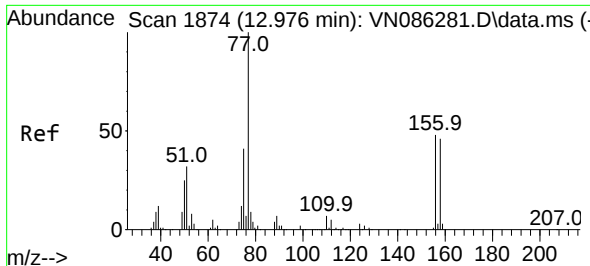
Tgt Ion: 75 Resp: 181339

Ion Ratio Lower Upper

75 100

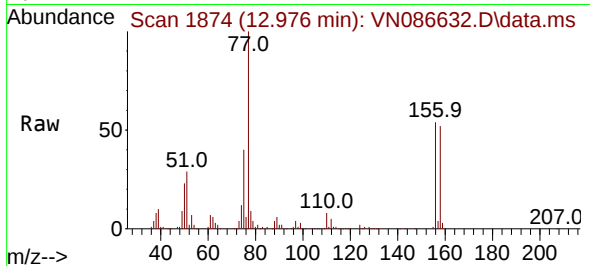
77 202.6 98.8 296.4





#77
Bromobenzene
Concen: 52.511 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

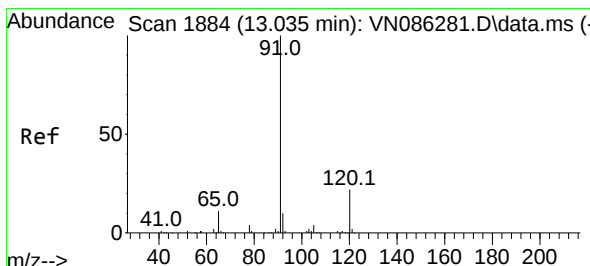
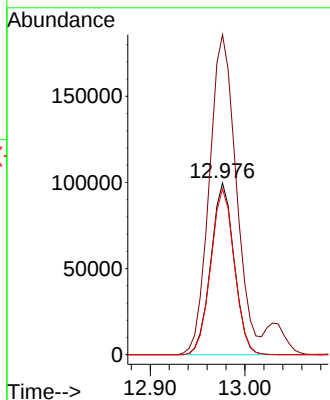
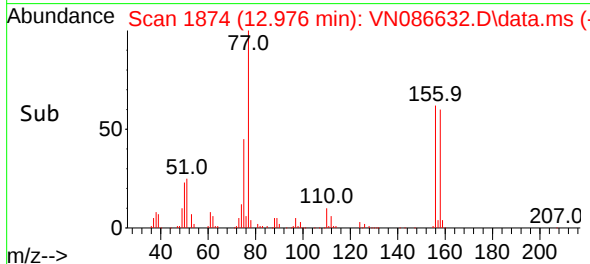
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



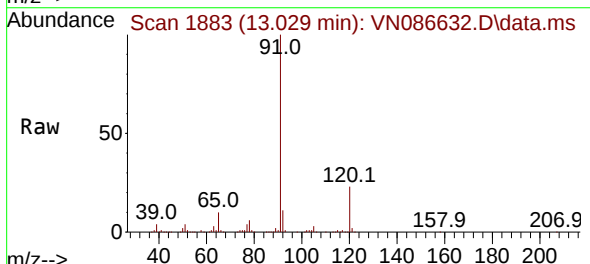
Tgt Ion: 156 Resp: 169989
Ion Ratio Lower Upper
156 100
77 216.1 121.1 363.1
158 97.6 47.9 143.6

Manual Integrations
APPROVED

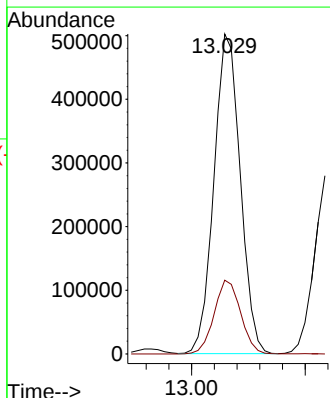
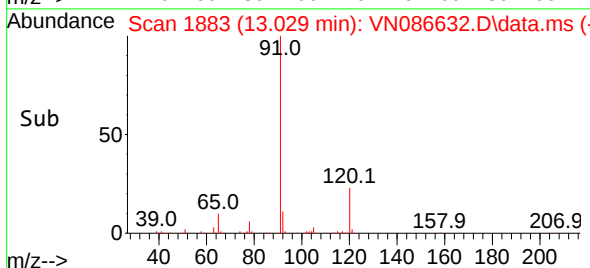
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

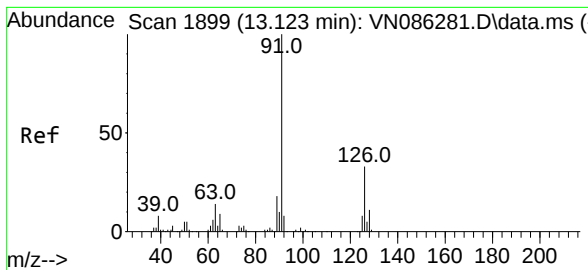


#78
n-propylbenzene
Concen: 46.891 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



Tgt Ion: 91 Resp: 807278
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.3





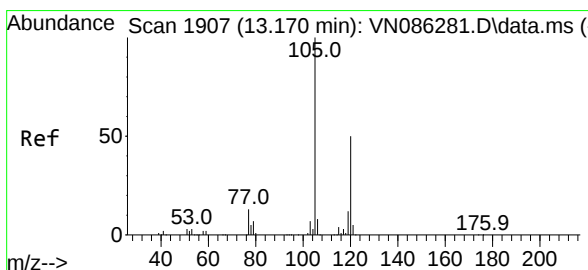
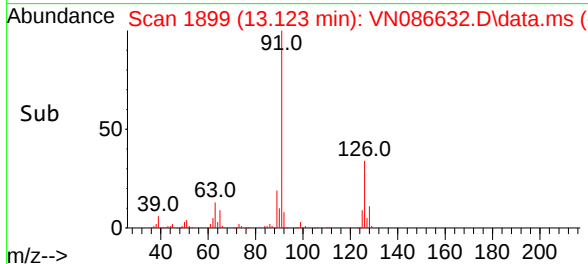
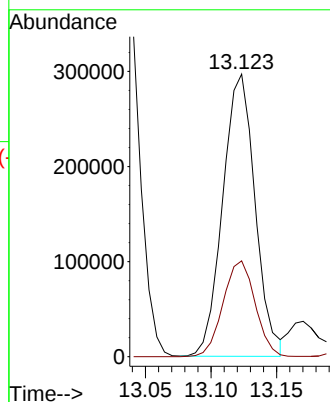
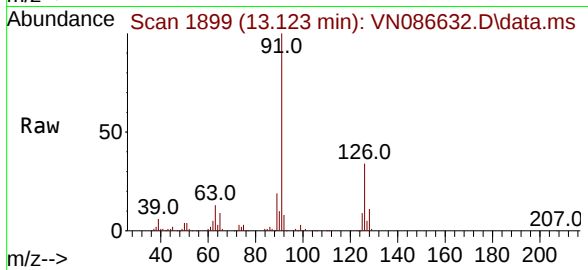
#79
2-Chlorotoluene
Concen: 47.286 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 509397
Ion Ratio Lower Upper
91 100
126 33.7 16.1 48.2

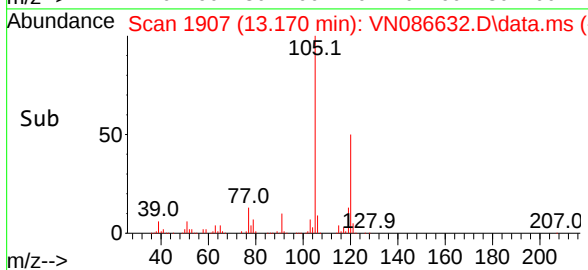
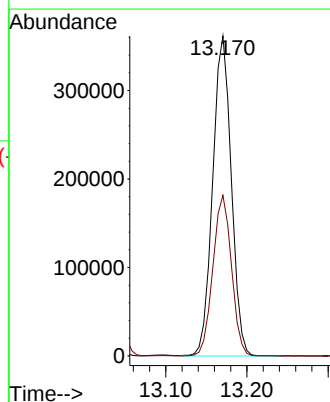
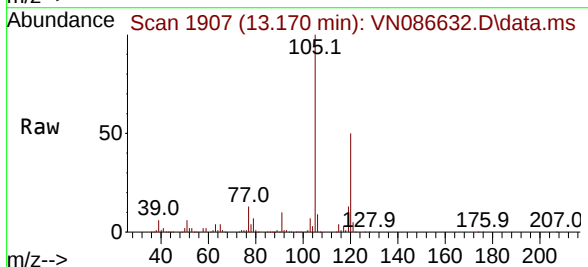
Manual Integrations
APPROVED

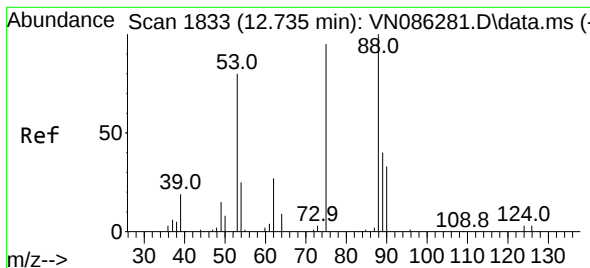
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.089 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

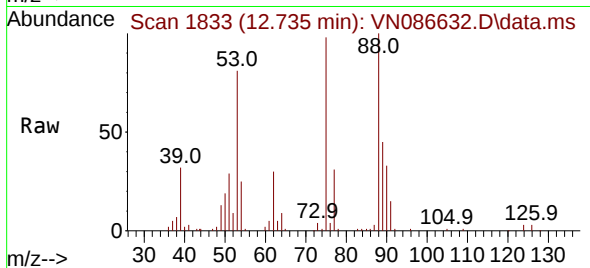
Tgt Ion:105 Resp: 575042
Ion Ratio Lower Upper
105 100
120 50.2 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 47.471 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

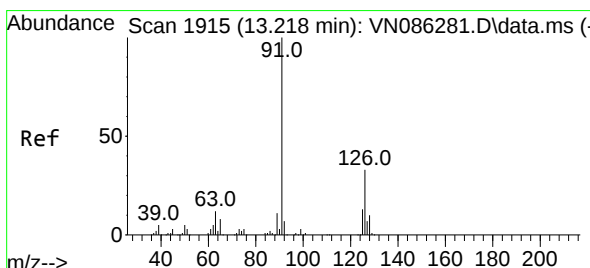
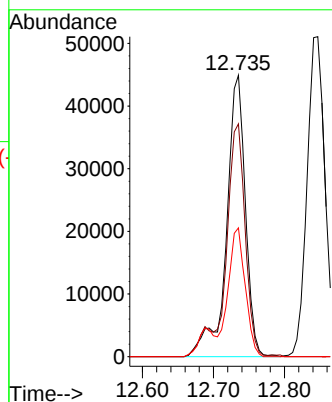
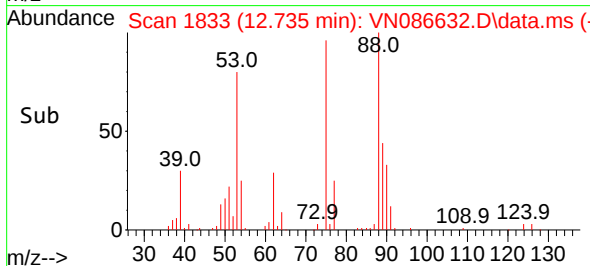
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



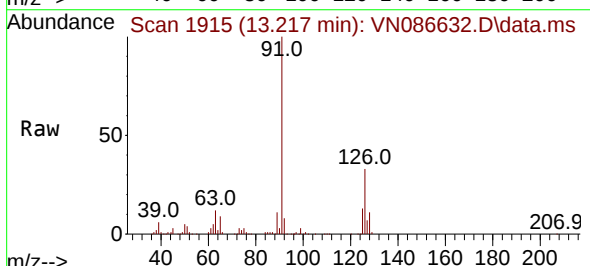
Tgt Ion: 75 Resp: 83308
Ion Ratio Lower Upper
75 100
53 75.9 79.2 118.8
89 40.8 35.7 53.5

Manual Integrations
APPROVED

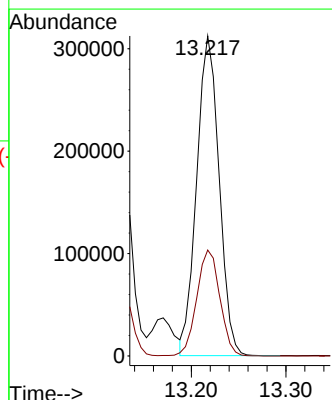
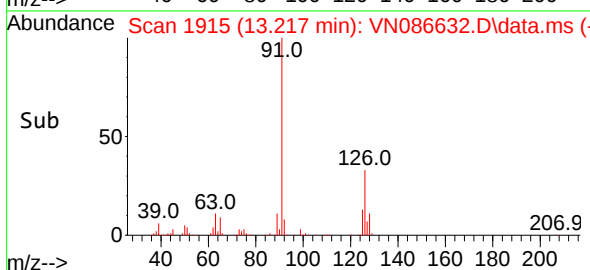
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

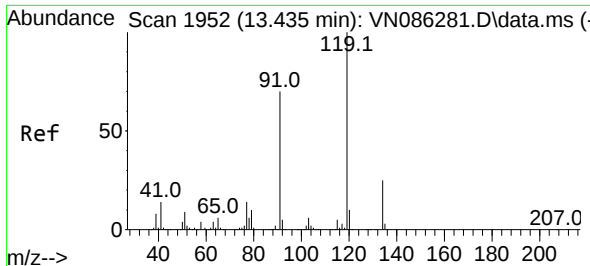


#82
4-Chlorotoluene
Concen: 48.071 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



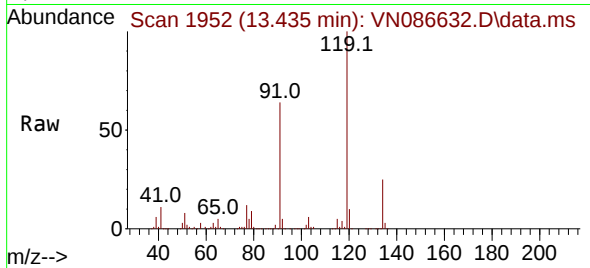
Tgt Ion: 91 Resp: 514419
Ion Ratio Lower Upper
91 100
126 34.2 16.2 48.6





#83
 tert-Butylbenzene
 Concen: 47.469 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086632.D
 Acq: 15 May 2025 09:37

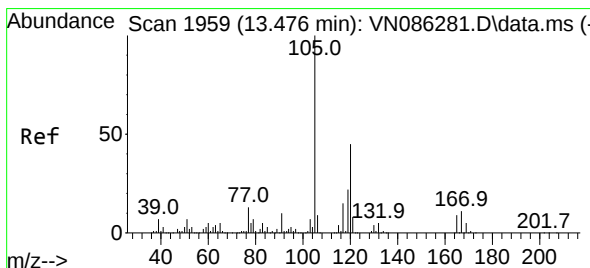
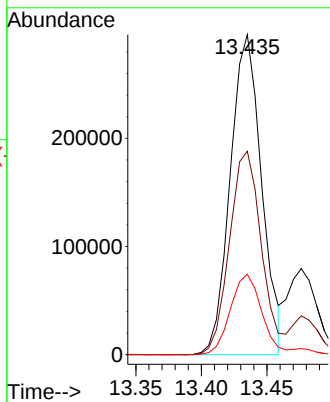
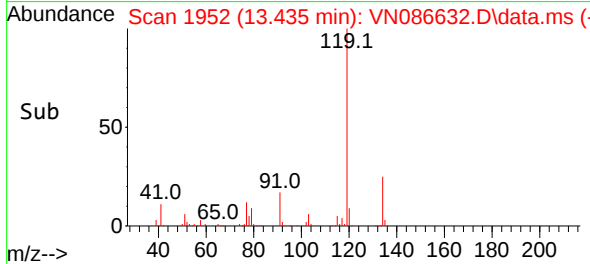
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



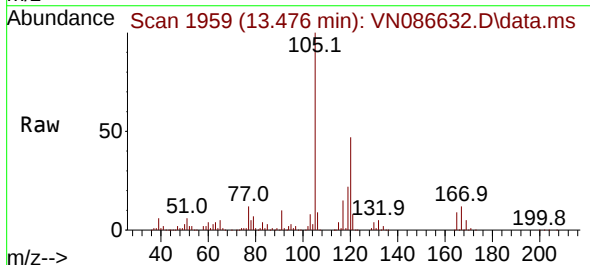
Tgt Ion:119 Resp: 491839
 Ion Ratio Lower Upper
 119 100
 91 65.5 34.4 103.3
 134 26.3 13.0 39.0

Manual Integrations
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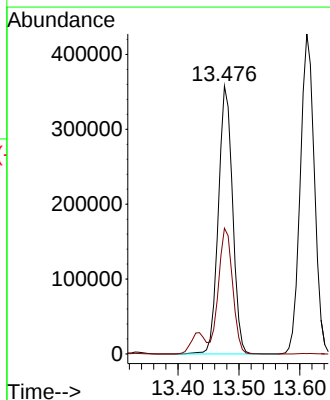
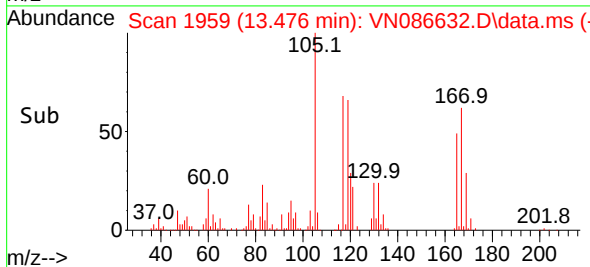
Reviewed By :John Carlone 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025

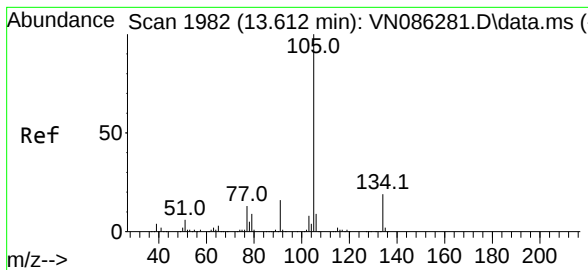


#84
 1,2,4-Trimethylbenzene
 Concen: 47.495 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086632.D
 Acq: 15 May 2025 09:37



Tgt Ion:105 Resp: 578101
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.4 67.3





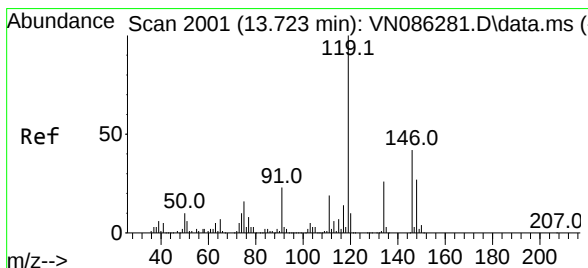
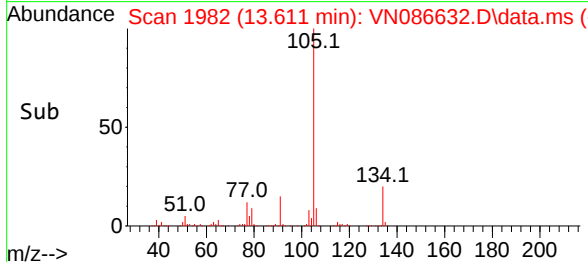
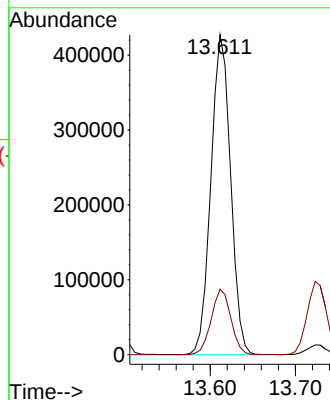
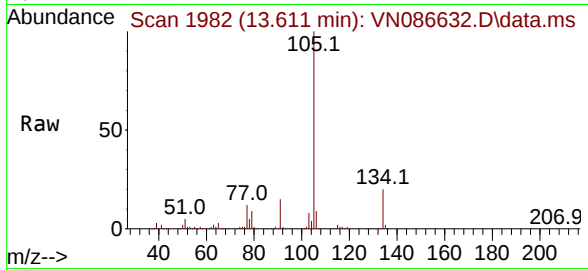
#85
 sec-Butylbenzene
 Concen: 47.678 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086632.D
 Acq: 15 May 2025 09:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 68521
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.7 29.1

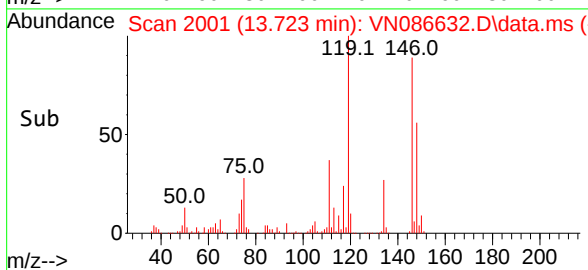
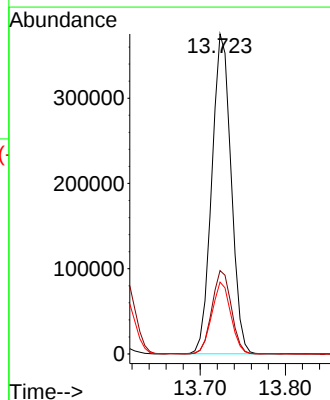
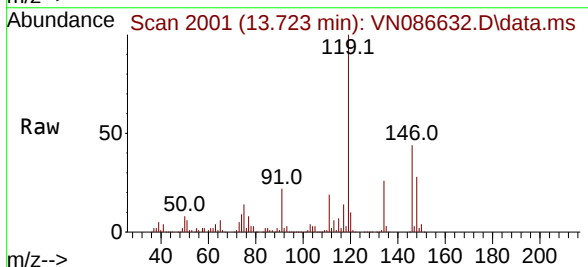
Manual Integrations
 APPROVED

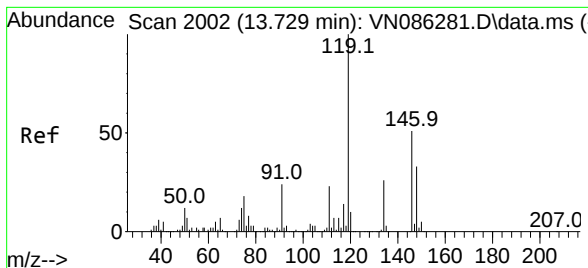
Reviewed By :John Carlone 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025



#86
 p-Isopropyltoluene
 Concen: 49.821 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086632.D
 Acq: 15 May 2025 09:37

Tgt Ion:119 Resp: 590173
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 22.2 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 52.021 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086632.D

Acq: 15 May 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 316572

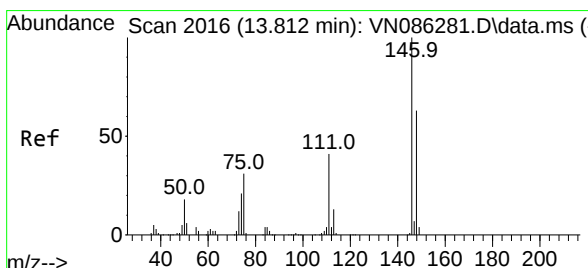
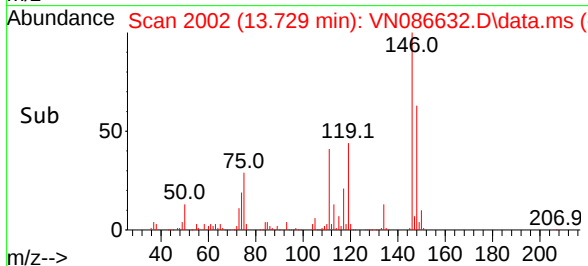
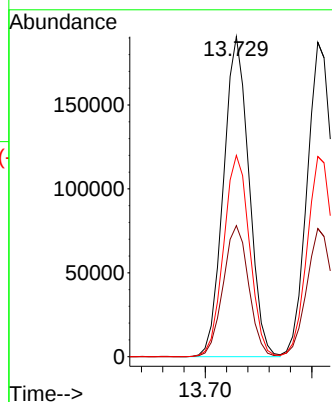
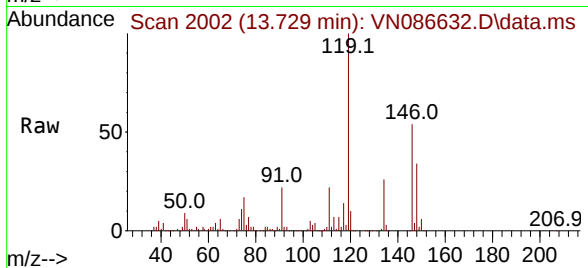
Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.9	65.7
148	63.9	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 51.384 ug/l

RT: 13.806 min Scan# 2015

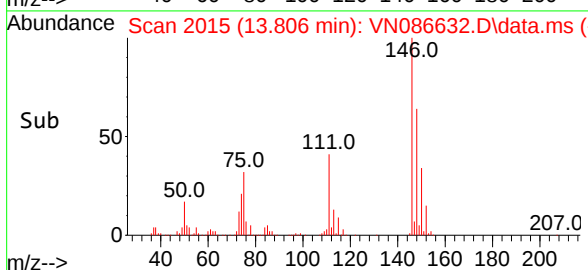
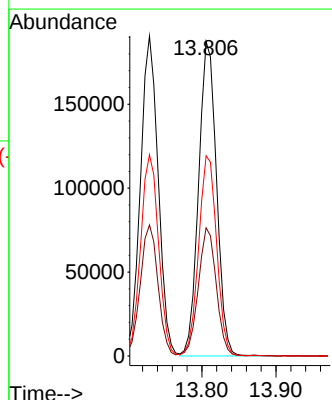
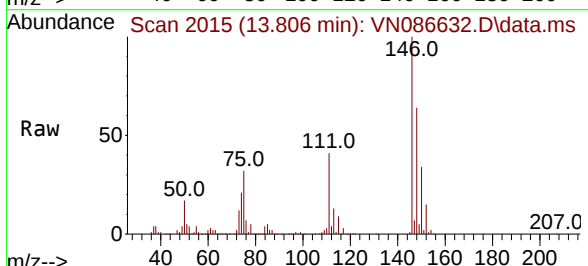
Delta R.T. -0.006 min

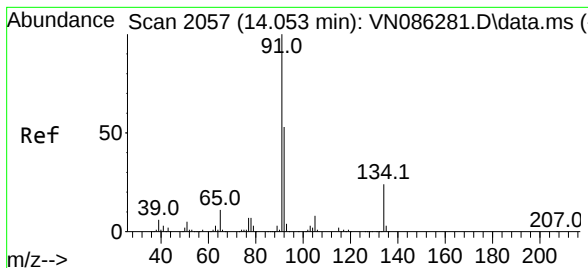
Lab File: VN086632.D

Acq: 15 May 2025 09:37

Tgt Ion:146 Resp: 314950

Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.3	63.9
148	63.9	31.9	95.9





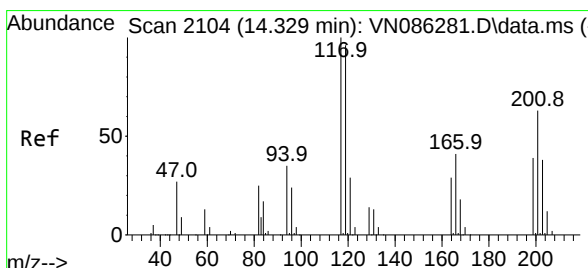
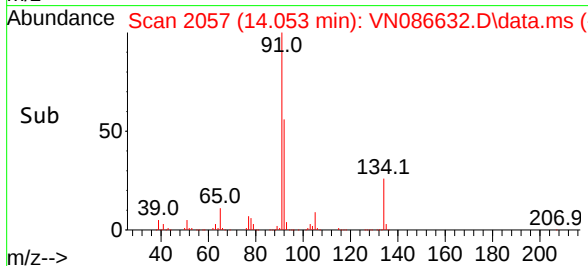
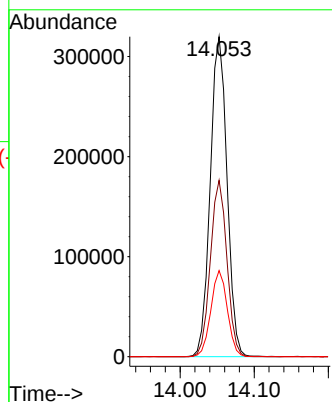
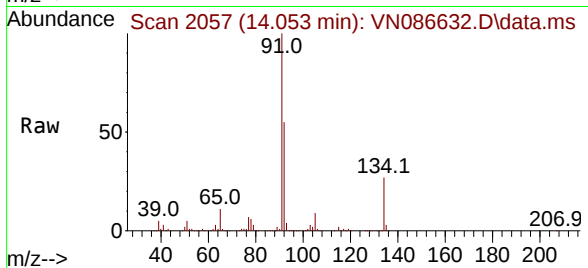
#89
n-Butylbenzene
Concen: 47.887 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 50281
Ion Ratio Lower Upper
91 100
92 54.3 26.8 80.4
134 26.4 12.2 36.6

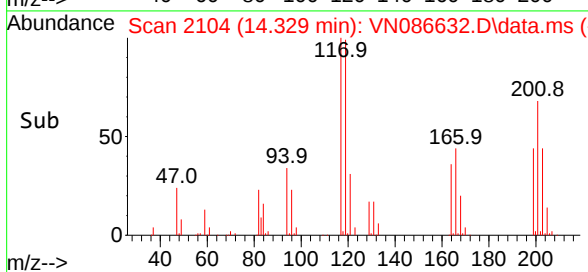
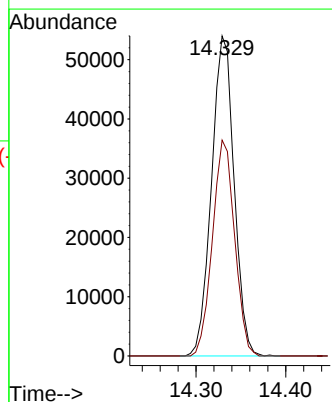
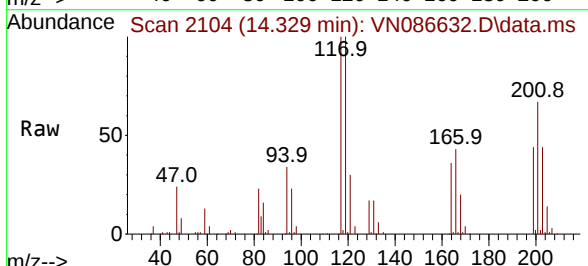
Manual Integrations
APPROVED

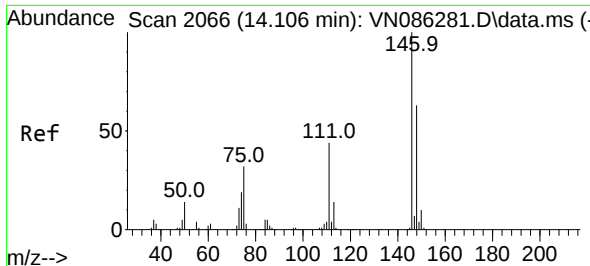
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#90
Hexachloroethane
Concen: 47.317 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

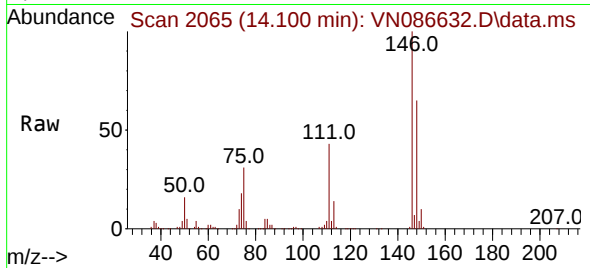
Tgt Ion:117 Resp: 94281
Ion Ratio Lower Upper
117 100
201 66.2 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 50.620 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

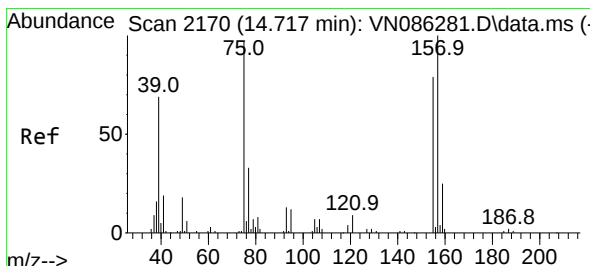
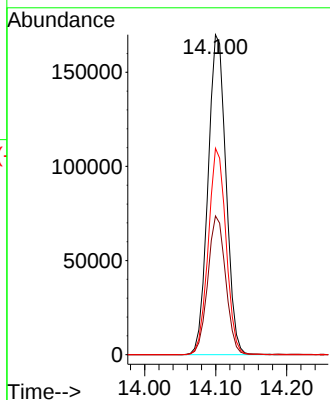
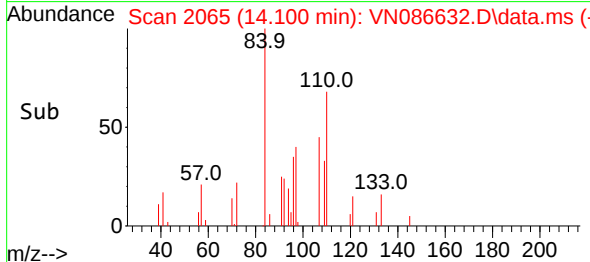
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 29865
Ion Ratio Lower Upper
146 100
111 43.2 22.4 67.0
148 63.6 31.8 95.4

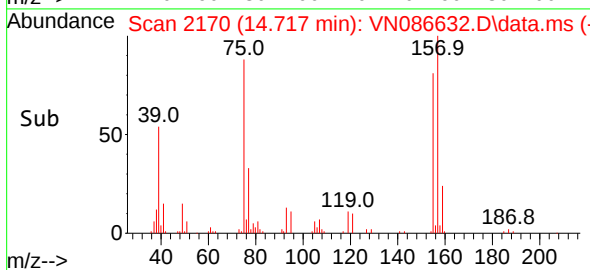
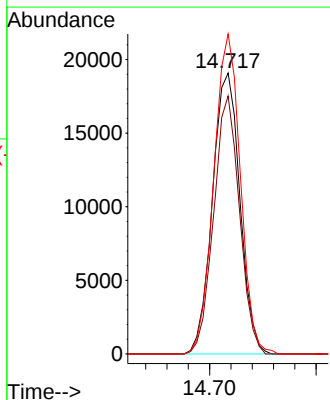
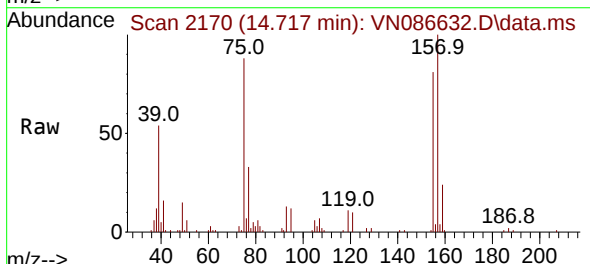
Manual Integrations
APPROVED

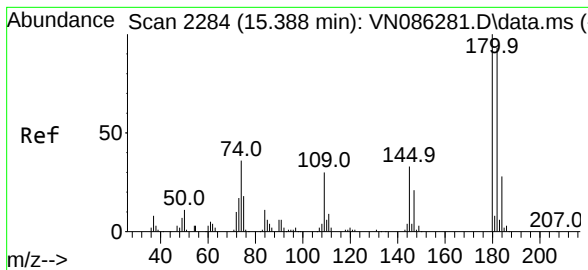
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.260 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

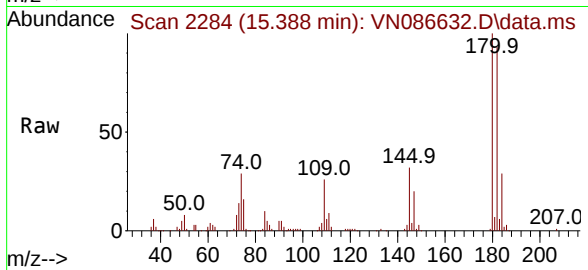
Tgt Ion: 75 Resp: 34101
Ion Ratio Lower Upper
75 100
155 86.2 40.3 120.9
157 110.1 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 51.507 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

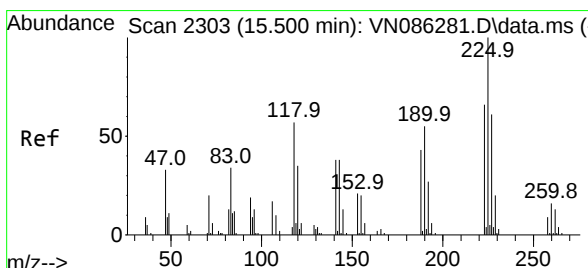
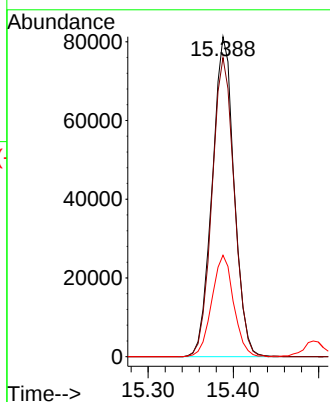
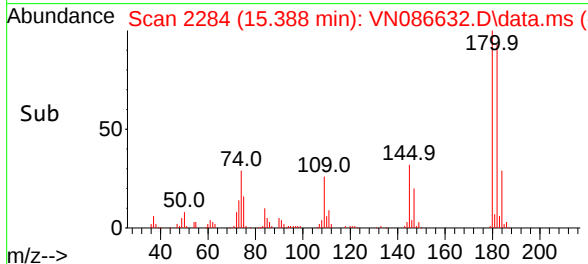
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



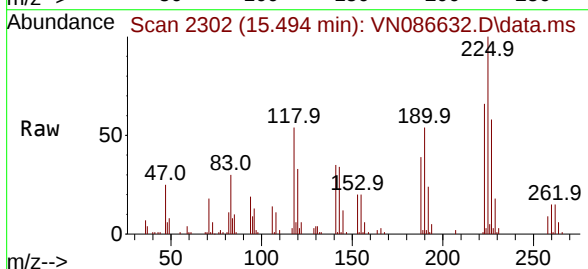
Tgt Ion:180 Resp: 145514
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.0
145 31.6 16.4 49.1

Manual Integrations
APPROVED

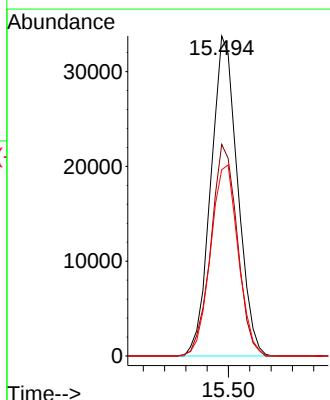
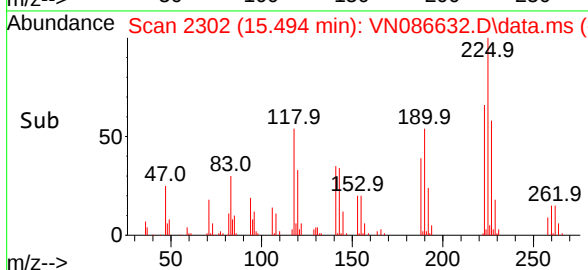
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

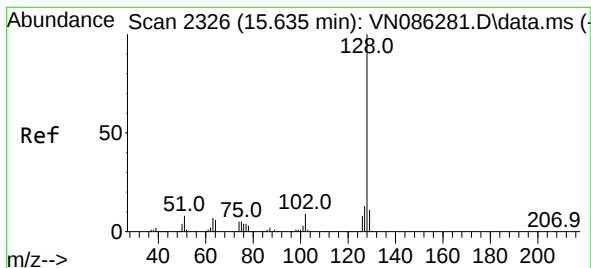


#94
Hexachlorobutadiene
Concen: 55.034 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37



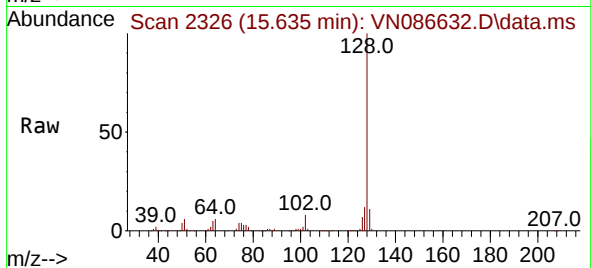
Tgt Ion:225 Resp: 58691
Ion Ratio Lower Upper
225 100
223 65.3 32.8 98.3
227 61.7 31.4 94.0





#95
Naphthalene
Concen: 45.010 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

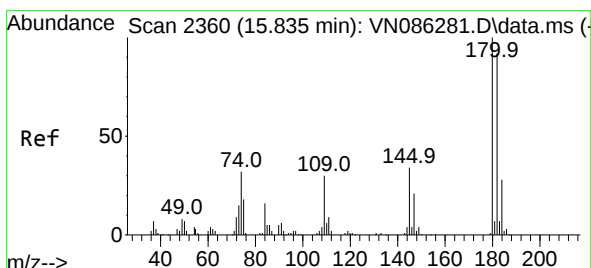
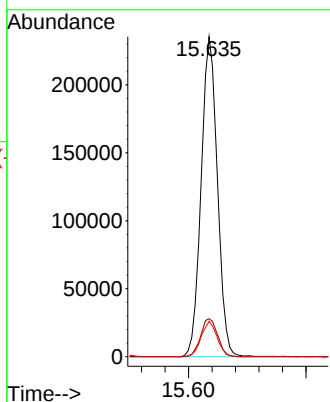
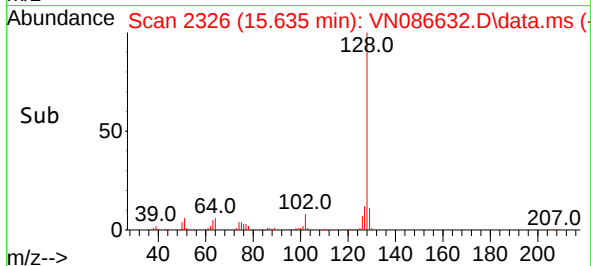
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 45076
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.054 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086632.D
Acq: 15 May 2025 09:37

Tgt Ion:180 Resp: 133878
Ion Ratio Lower Upper
180 100
182 95.0 47.3 142.0
145 33.5 17.2 51.5

