

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
 Data File : VN087622.D
 Acq On : 21 Aug 2025 14:02
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/22/2025
 Supervised By : Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:32:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:09:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	234546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	468145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	438262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	220862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	224856	46.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.580%		
35) Dibromofluoromethane	8.153	113	156332	46.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.500%		
50) Toluene-d8	10.547	98	572648	45.266	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.540%		
62) 4-Bromofluorobenzene	12.823	95	210592	46.809	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	189901	57.007	ug/l	100
3) Chloromethane	2.383	50	186373	54.441	ug/l	100
4) Vinyl Chloride	2.542	62	211909	53.387	ug/l	100
5) Bromomethane	2.971	94	105105	51.318	ug/l	100
6) Chloroethane	3.136	64	141335	50.661	ug/l	100
7) Trichlorofluoromethane	3.512	101	298853	51.389	ug/l	100
8) Diethyl Ether	3.953	74	124074	48.989	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	162971	49.526	ug/l	100
10) Methyl Iodide	4.577	142	112901	46.467	ug/l	100
11) Tert butyl alcohol	5.518	59	216189	259.137	ug/l	100
12) 1,1-Dichloroethene	4.336	96	164165	48.547	ug/l	100
13) Acrolein	4.171	56	251949	245.655	ug/l	100
14) Allyl chloride	5.006	41	290757	47.448	ug/l	100
15) Acrylonitrile	5.706	53	584519	248.432	ug/l	100
16) Acetone	4.424	43	612147	234.001	ug/l	100
17) Carbon Disulfide	4.700	76	469891	50.475	ug/l	100
18) Methyl Acetate	5.012	43	271363	49.542	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	641051	50.534	ug/l	100
20) Methylene Chloride	5.265	84	193144	51.071	ug/l	100
21) trans-1,2-Dichloroethene	5.777	96	175989	48.020	ug/l	100
22) Diisopropyl ether	6.659	45	673069	50.897	ug/l	100
23) Vinyl Acetate	6.589	43	3156445	262.358	ug/l	100
24) 1,1-Dichloroethane	6.547	63	352088	48.560	ug/l	100
25) 2-Butanone	7.465	43	858584	249.467	ug/l	100
26) 2,2-Dichloropropane	7.477	77	308944	49.645	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	220668	50.366	ug/l	100
28) Bromochloromethane	7.800	49	164506	46.931	ug/l	100
29) Tetrahydrofuran	7.824	42	555506	250.802	ug/l	100
30) Chloroform	7.947	83	370301	50.036	ug/l	100
31) Cyclohexane	8.236	56	289400	47.878	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	305533	48.715	ug/l	100
36) 1,1-Dichloropropene	8.353	75	247135	47.660	ug/l	100
37) Ethyl Acetate	7.547	43	347439	49.034	ug/l	100
38) Carbon Tetrachloride	8.341	117	253643	49.543	ug/l	100
39) Methylcyclohexane	9.583	83	276006	48.348	ug/l	100
40) Benzene	8.588	78	788238	49.562	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	182028	49.594	ug/l	100
42) 1,2-Dichloroethane	8.653	62	304323	49.794	ug/l	100
43) Isopropyl Acetate	8.671	43	560899	50.703	ug/l	100
44) Trichloroethene	9.330	130	176493	48.607	ug/l	100
45) 1,2-Dichloropropane	9.600	63	202893	48.398	ug/l	100
46) Dibromomethane	9.688	93	148909	49.915	ug/l	100
47) Bromodichloromethane	9.871	83	298888	48.886	ug/l	100
48) Methyl methacrylate	9.665	41	261445	49.964	ug/l	100
49) 1,4-Dioxane	9.683	88	72780	1073.097	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	1722397	258.056	ug/l	100
52) Toluene	10.606	92	491725	49.872	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	329003	51.987	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	335961	51.127	ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	190842	50.035	ug/l	100
56) Ethyl methacrylate	10.853	69	330271	54.182	ug/l	100
57) 1,3-Dichloropropane	11.141	76	342170	50.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	829191	251.329	ug/l	100
59) 2-Hexanone	11.177	43	1194193	283.100	ug/l	100
60) Dibromochloromethane	11.335	129	218275	49.389	ug/l	100
61) 1,2-Dibromoethane	11.447	107	202283	50.296	ug/l	100
64) Tetrachloroethene	11.082	164	137281	45.149	ug/l	100
65) Chlorobenzene	11.871	112	530421	48.648	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	184496	50.970	ug/l	100
67) Ethyl Benzene	11.941	91	939520	49.767	ug/l	100
68) m/p-Xylenes	12.047	106	711871	102.820	ug/l	100
69) o-Xylene	12.376	106	348655	51.386	ug/l	100
70) Styrene	12.388	104	605599	53.277	ug/l	100
71) Bromoform	12.559	173	140399	50.575	ug/l	100
73) Isopropylbenzene	12.671	105	889165	49.821	ug/l	100
74) N-amyl acetate	12.500	43	343435m	50.016	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	301018	48.990	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	236877m	45.626	ug/l	
77) Bromobenzene	12.959	156	207789	49.379	ug/l	100
78) n-propylbenzene	13.012	91	1109533	50.472	ug/l	100
79) 2-Chlorotoluene	13.100	91	657210	49.679	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	766722	50.642	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	99551	50.885	ug/l	100
82) 4-Chlorotoluene	13.200	91	696270	50.059	ug/l	100
83) tert-Butylbenzene	13.418	119	642869	50.955	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	772176	50.948	ug/l	100
85) sec-Butylbenzene	13.594	105	933105	49.838	ug/l	100
86) p-Isopropyltoluene	13.706	119	779657	50.430	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	403466	48.688	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	412346	47.815	ug/l	100
89) n-Butylbenzene	14.029	91	764482	49.789	ug/l	100
90) Hexachloroethane	14.312	117	144635	49.105	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	387612	49.303	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	70059	47.997	ug/l	100
93) 1,2,4-Trichlorobenzene	15.365	180	226580	47.995	ug/l	100
94) Hexachlorobutadiene	15.476	225	78424	46.597	ug/l	100
95) Naphthalene	15.612	128	829102	49.583	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	222211	48.148	ug/l	100

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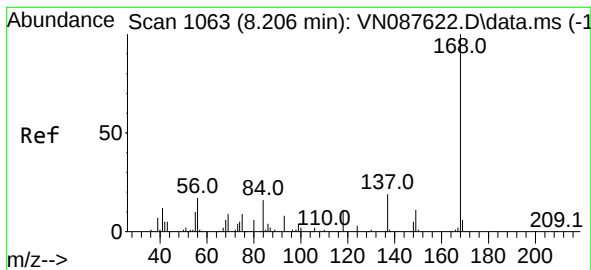
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

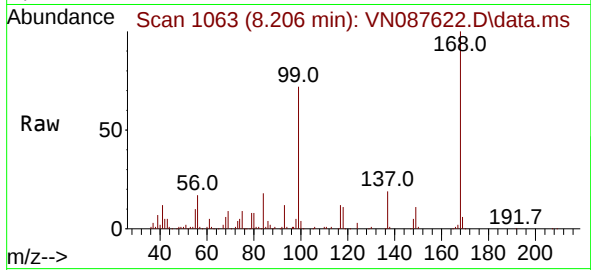
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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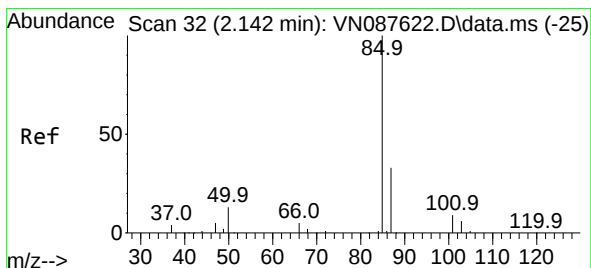
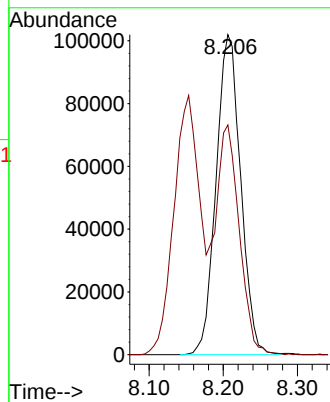
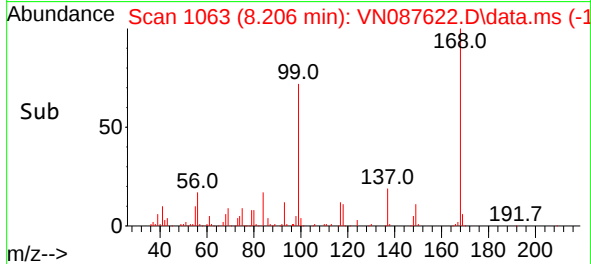
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 234540
Ion Ratio Lower Upper
168 100
99 71.5 57.2 85.8

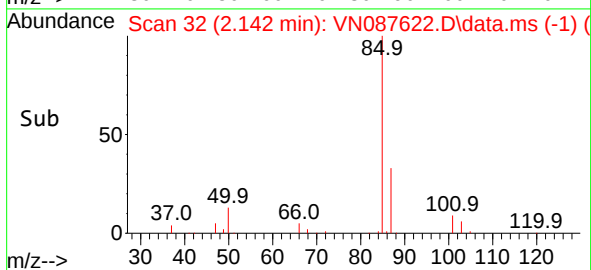
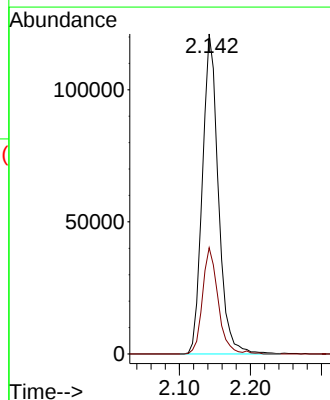
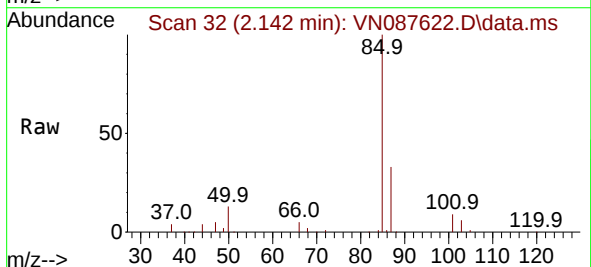
Manual Integrations
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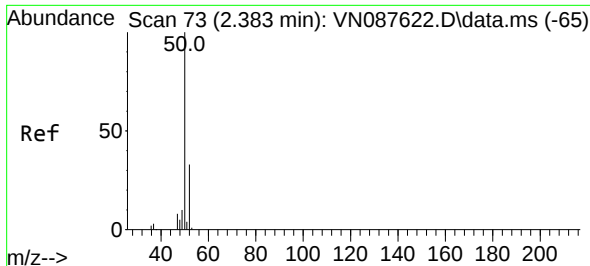
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#2
Dichlorodifluoromethane
Concen: 57.007 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

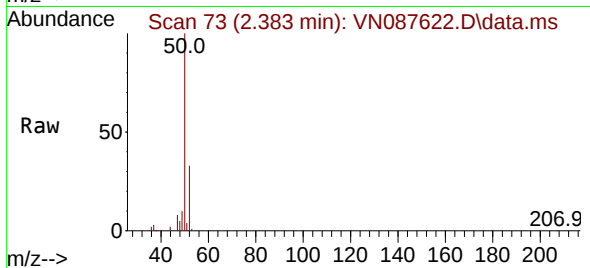
Tgt Ion: 85 Resp: 189901
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8





#3
Chloromethane
Concen: 54.441 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

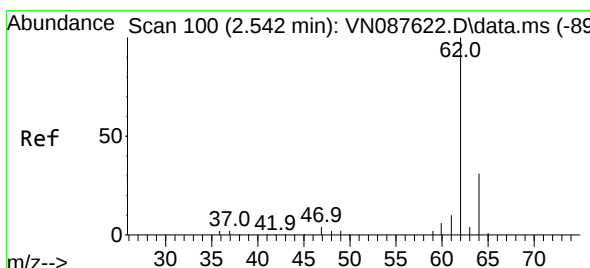
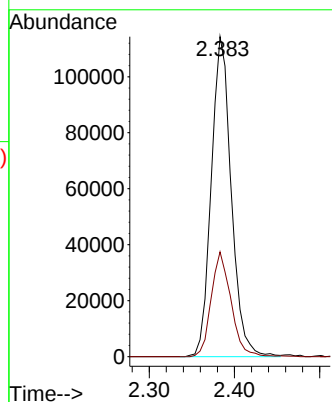
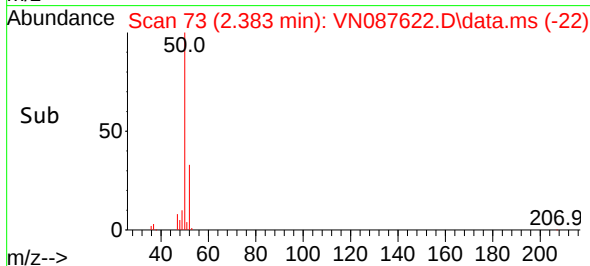
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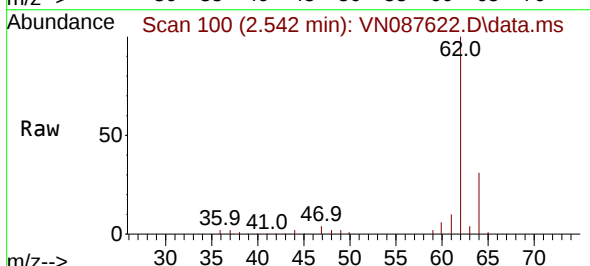
Tgt Ion: 50 Resp: 18637
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4

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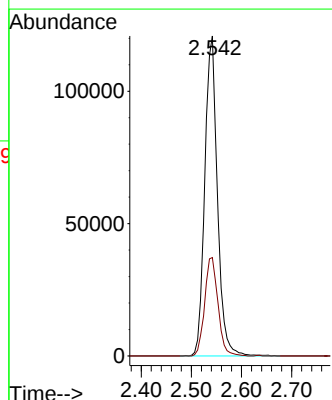
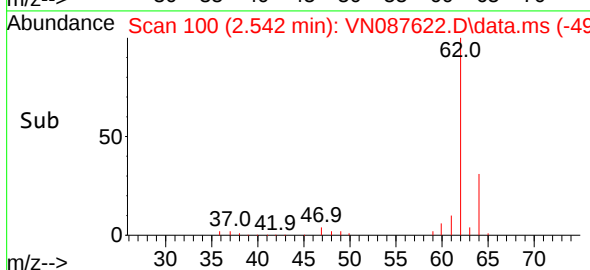
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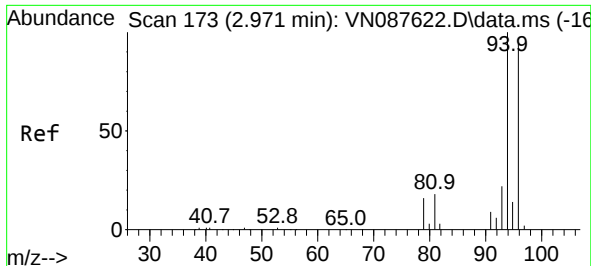


#4
Vinyl Chloride
Concen: 53.387 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



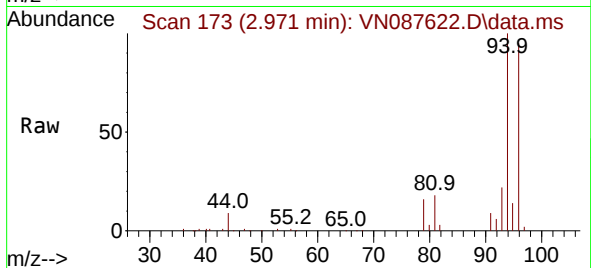
Tgt Ion: 62 Resp: 211909
Ion Ratio Lower Upper
62 100
64 30.8 24.6 37.0





#5
Bromomethane
Concen: 51.318 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

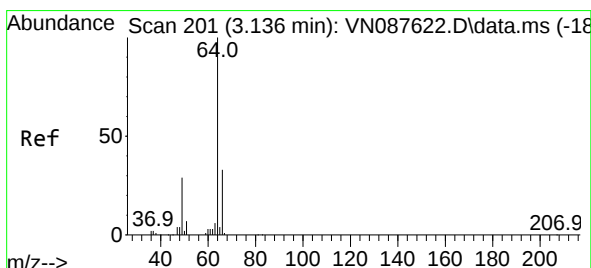
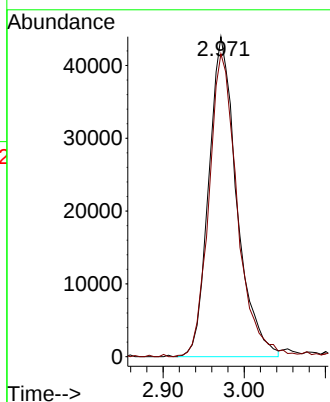
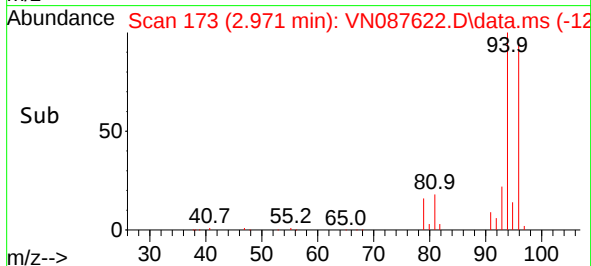
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Tgt Ion: 94 Resp: 10510
Ion Ratio Lower Upper
94 100
96 94.3 75.4 113.2

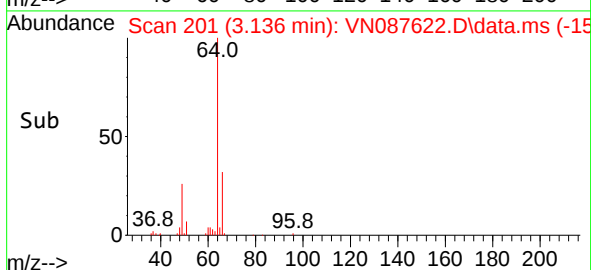
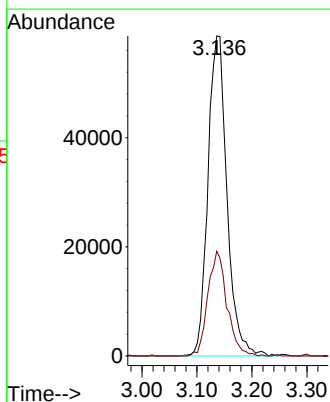
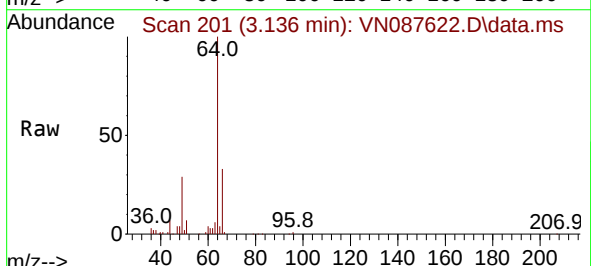
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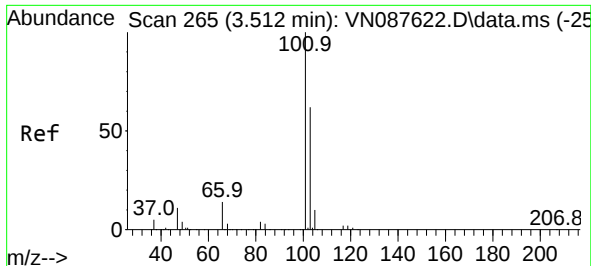
Reviewed By :John Carlone 08/22/2025
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#6
Chloroethane
Concen: 50.661 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
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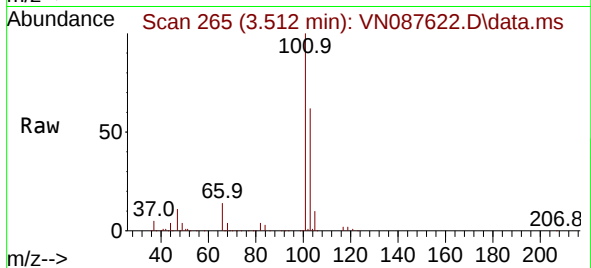
Tgt Ion: 64 Resp: 141335
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 51.389 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
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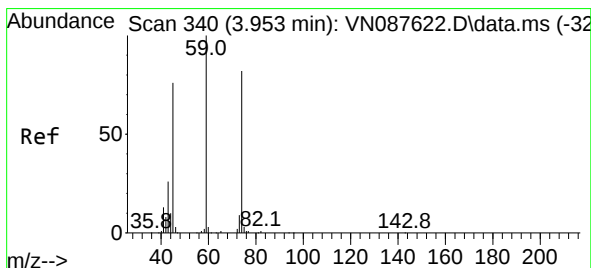
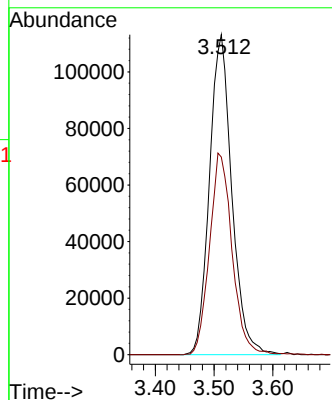
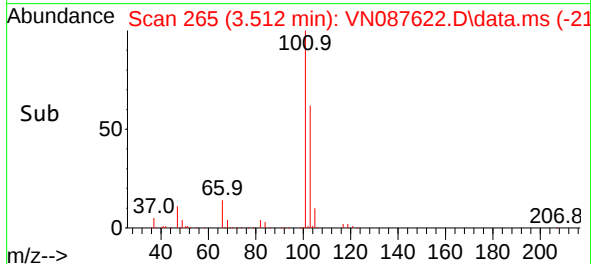
Instrument :
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Tgt Ion:101 Resp: 29885
 Ion Ratio Lower Upper
 101 100
 103 61.7 49.4 74.0

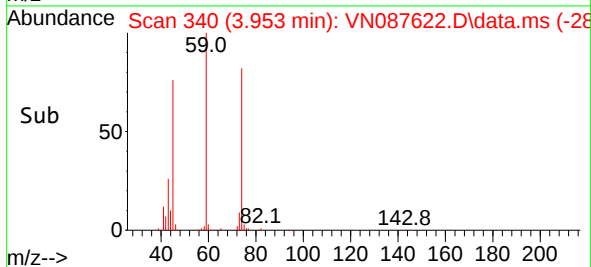
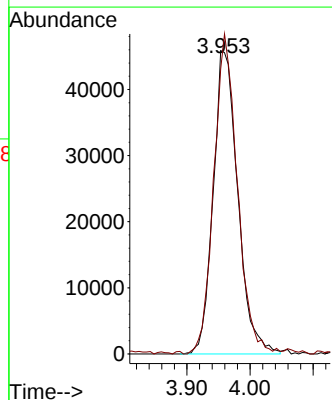
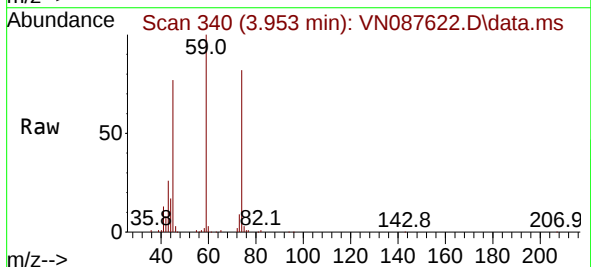
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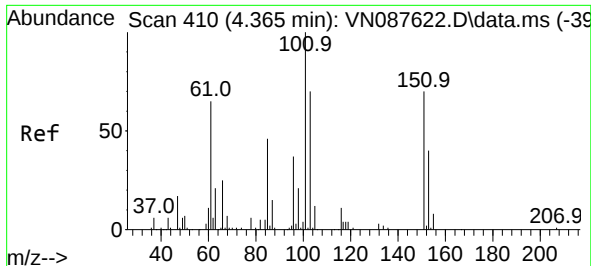
Reviewed By :John Carlone 08/22/2025
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#8
 Diethyl Ether
 Concen: 48.989 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 124074
 Ion Ratio Lower Upper
 74 100
 45 101.3 50.6 151.9





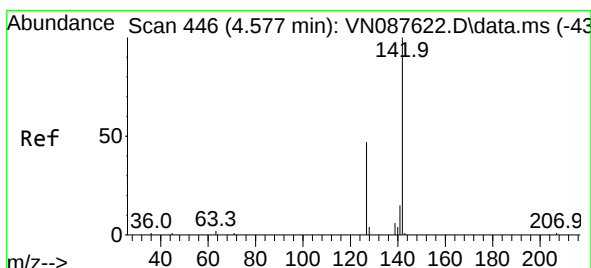
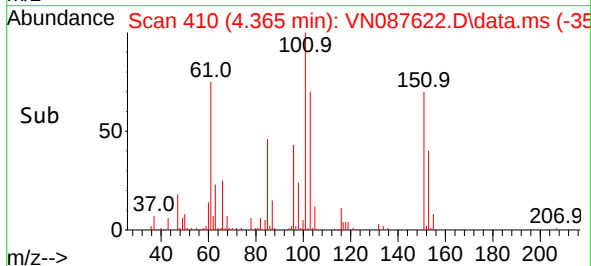
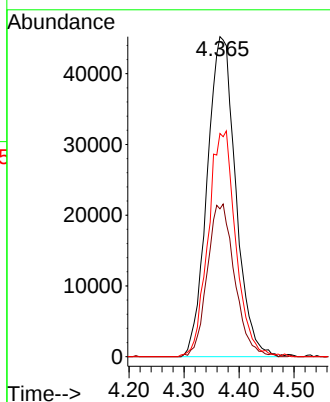
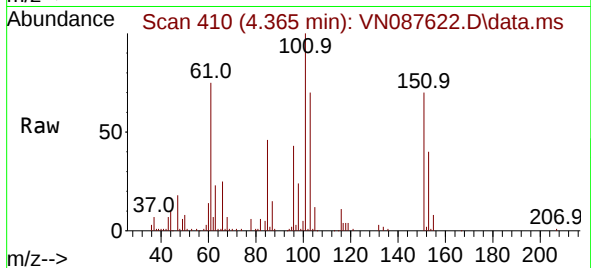
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.526 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 16297
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 68.4 54.7 82.1

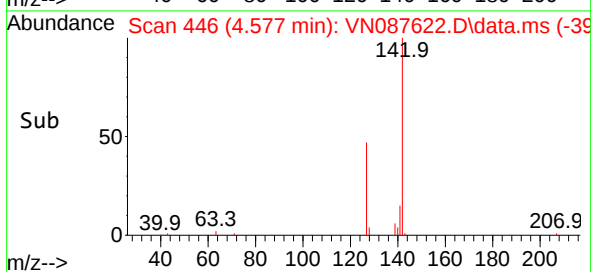
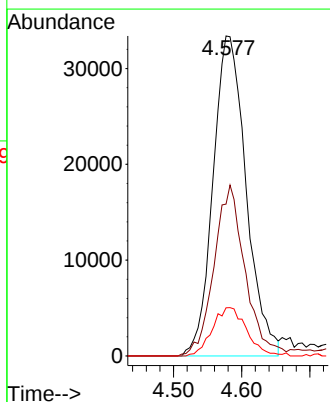
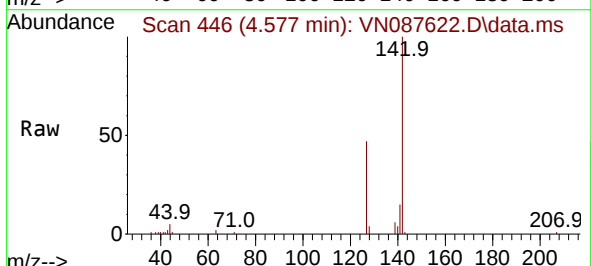
Manual Integrations
APPROVED

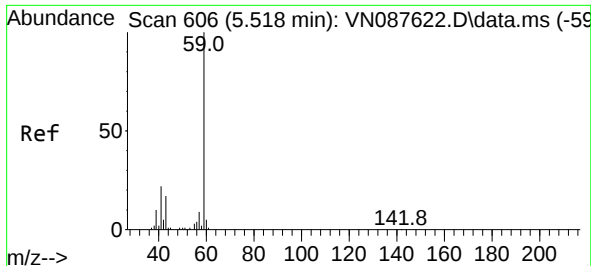
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#10
Methyl Iodide
Concen: 46.467 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

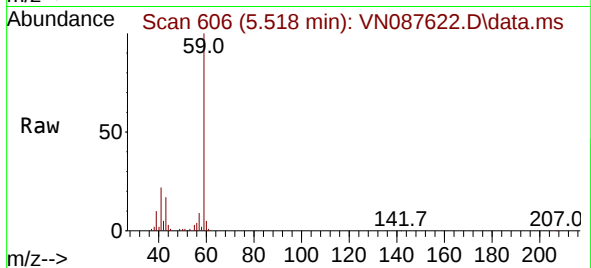
Tgt Ion:142 Resp: 112901
Ion Ratio Lower Upper
142 100
127 47.5 38.0 57.0
141 15.0 12.0 18.0





#11
Tert butyl alcohol
Concen: 259.137 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

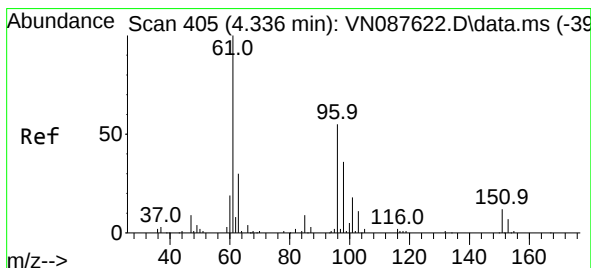
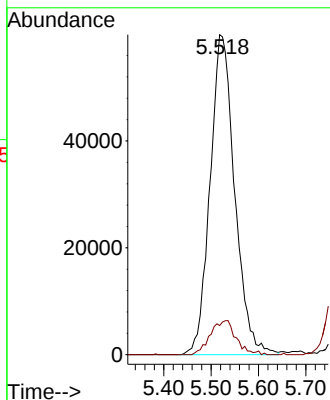
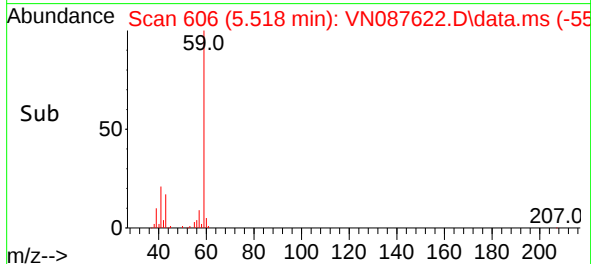
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



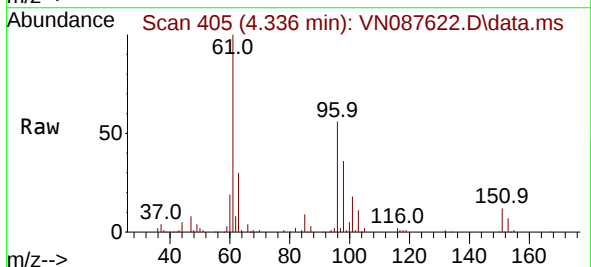
Tgt Ion: 59 Resp: 216189
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4

Manual Integrations
APPROVED

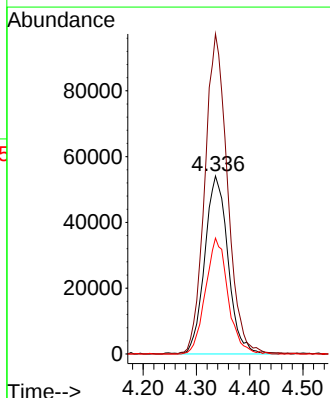
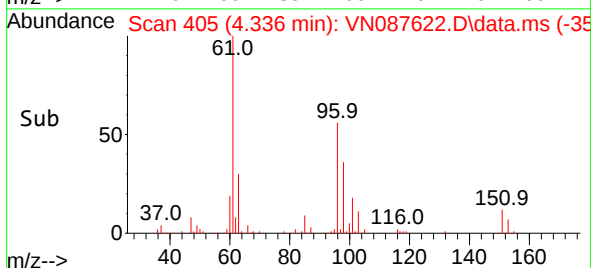
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

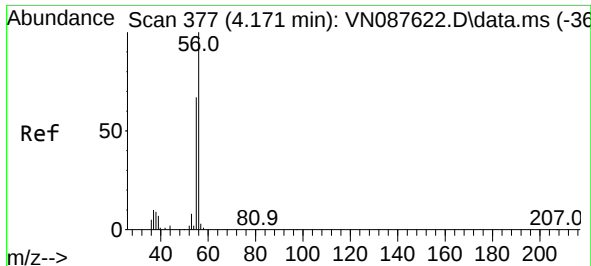


#12
1,1-Dichloroethene
Concen: 48.547 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



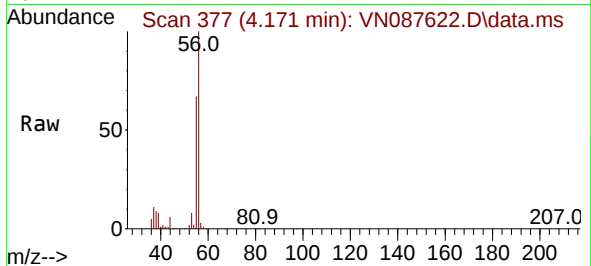
Tgt Ion: 96 Resp: 164165
Ion Ratio Lower Upper
96 100
61 179.8 143.8 215.8
98 65.1 52.1 78.1





#13
Acrolein
Concen: 245.655 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

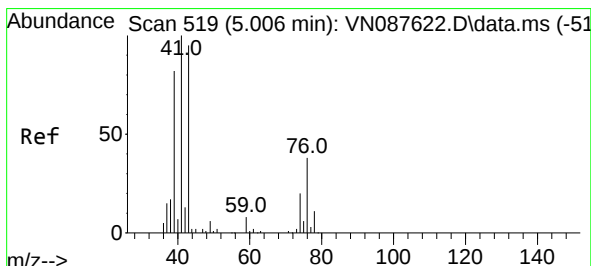
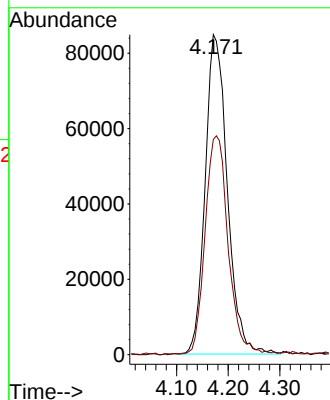
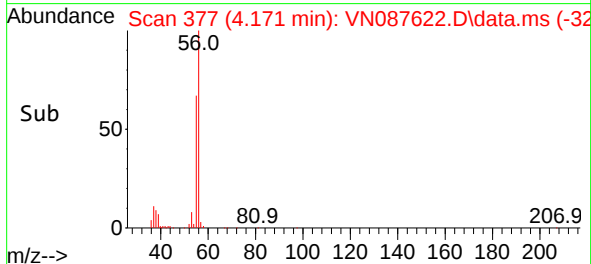
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 251949
Ion Ratio Lower Upper
56 100
55 71.6 57.3 85.9

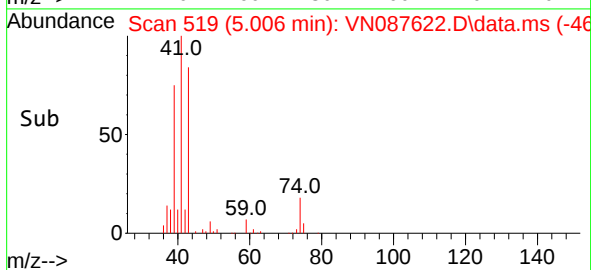
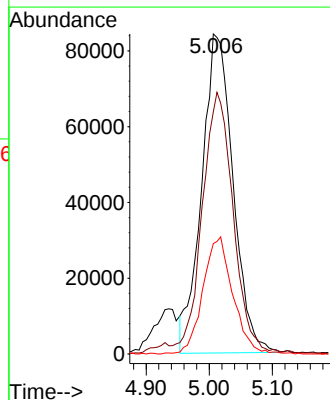
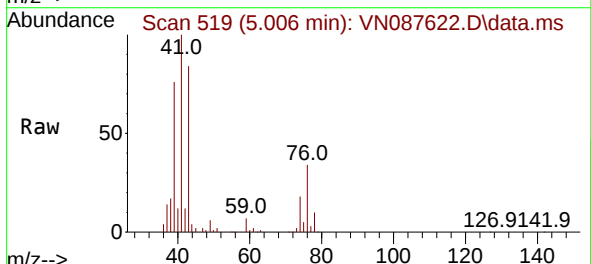
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#14
Allyl chloride
Concen: 47.448 ug/l
RT: 5.006 min Scan# 519
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

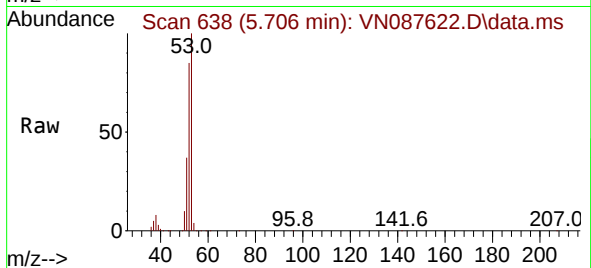
Tgt Ion: 41 Resp: 290757
Ion Ratio Lower Upper
41 100
39 79.9 63.9 95.9
76 35.1 28.1 42.1





#15
Acrylonitrile
Concen: 248.432 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

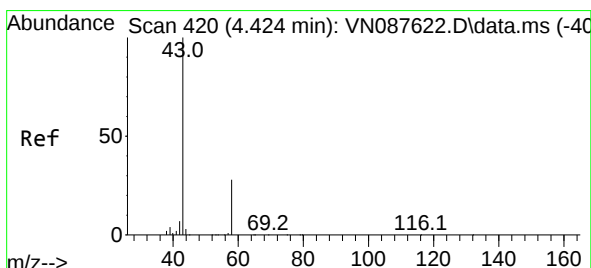
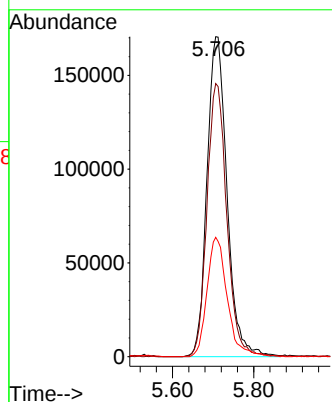
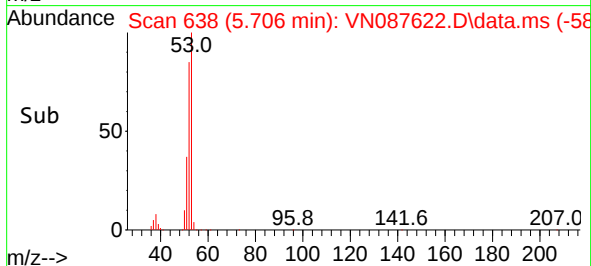
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



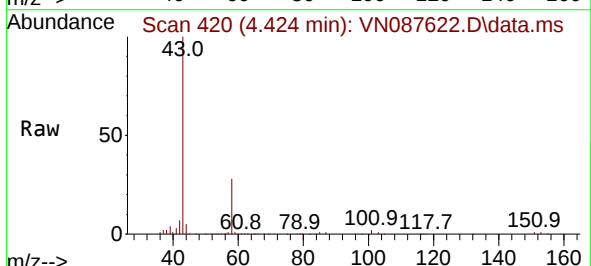
Tgt Ion: 53 Resp: 584519
Ion Ratio Lower Upper
53 100
52 84.5 67.6 101.4
51 37.6 30.1 45.1

Manual Integrations
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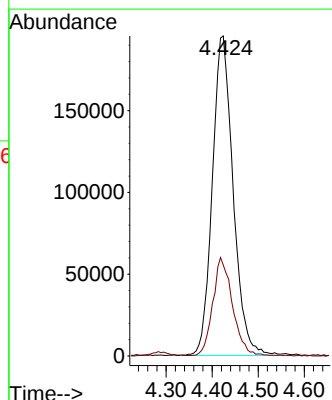
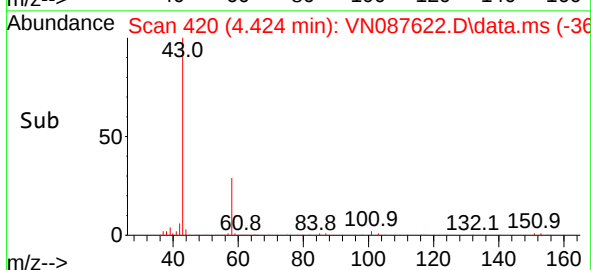
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

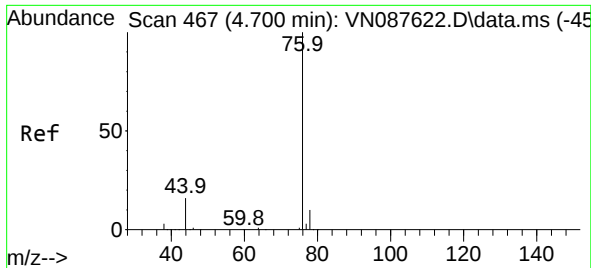


#16
Acetone
Concen: 234.001 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



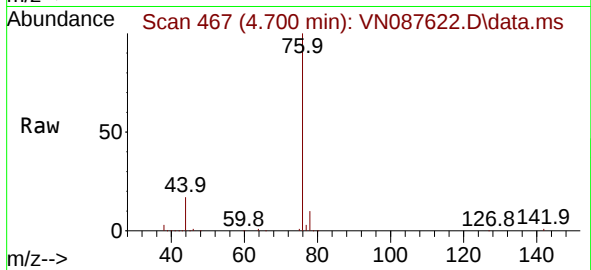
Tgt Ion: 43 Resp: 612147
Ion Ratio Lower Upper
43 100
58 28.2 22.6 33.8





#17
Carbon Disulfide
Concen: 50.475 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

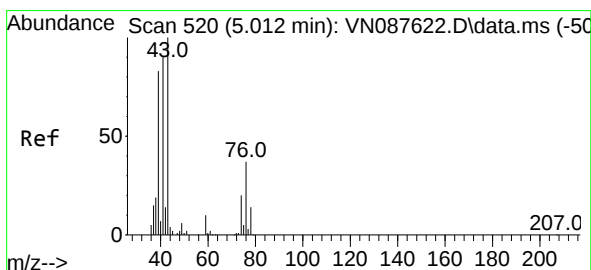
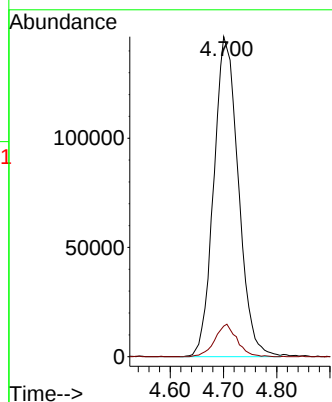
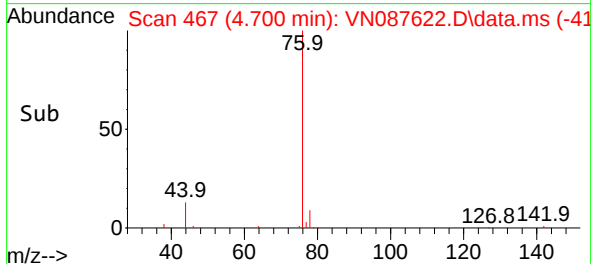
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 46989
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

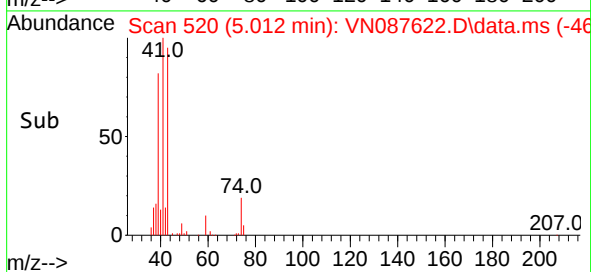
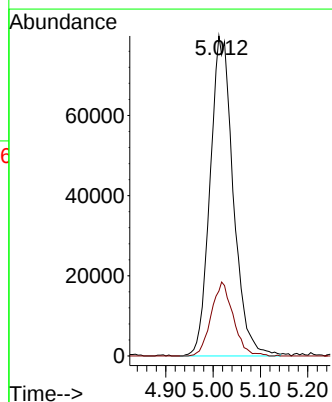
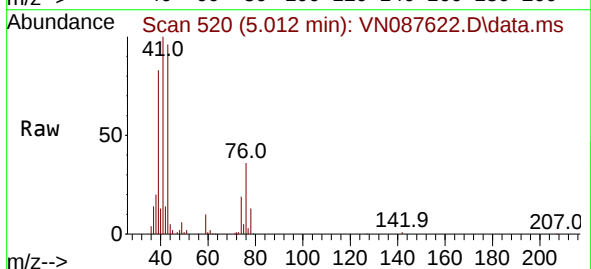
Manual Integrations
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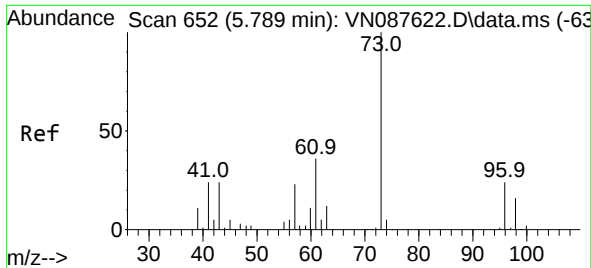
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#18
Methyl Acetate
Concen: 49.542 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

Tgt Ion: 43 Resp: 271363
Ion Ratio Lower Upper
43 100
74 22.0 17.6 26.4





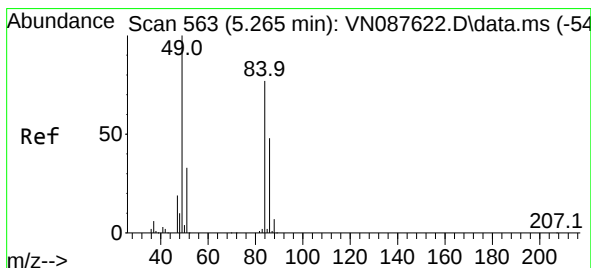
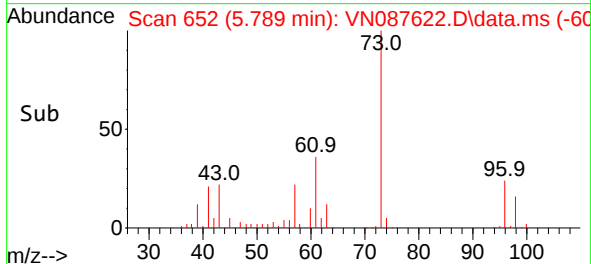
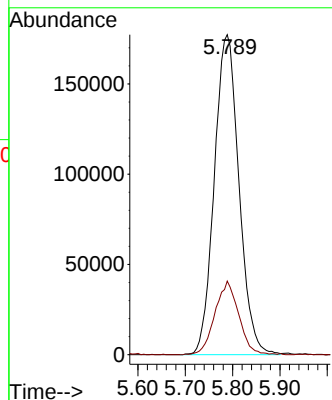
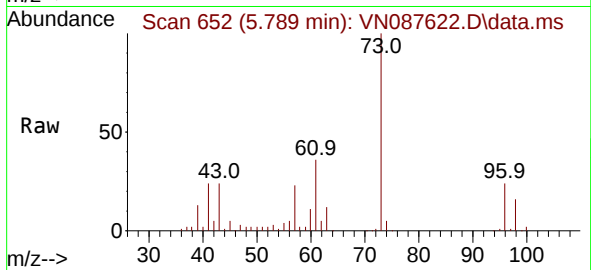
#19
Methyl tert-butyl Ether
Concen: 50.534 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 64105
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6

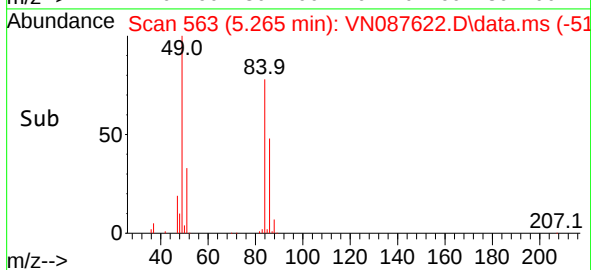
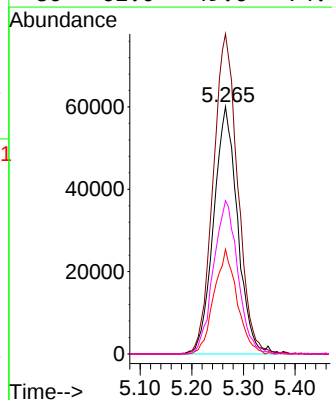
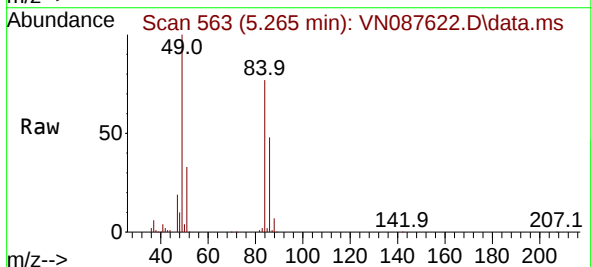
Manual Integrations
APPROVED

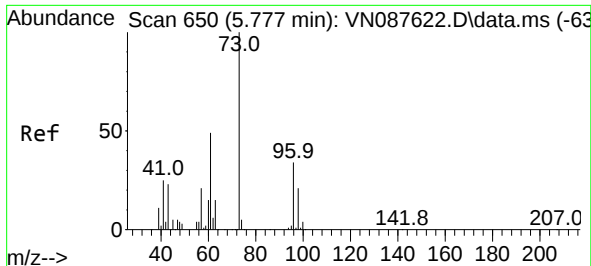
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#20
Methylene Chloride
Concen: 51.071 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

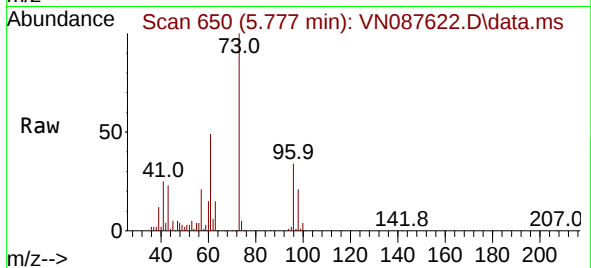
Tgt Ion: 84 Resp: 193144
Ion Ratio Lower Upper
84 100
49 129.3 103.4 155.2
51 42.3 33.8 50.8
86 62.0 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 48.020 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

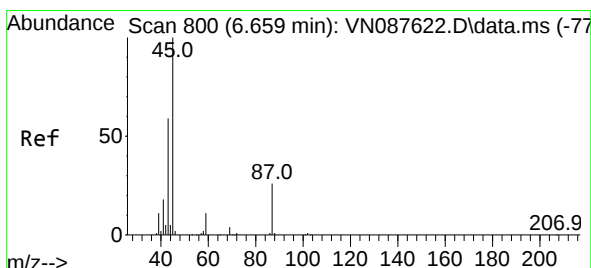
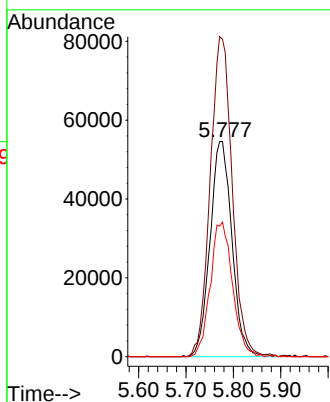
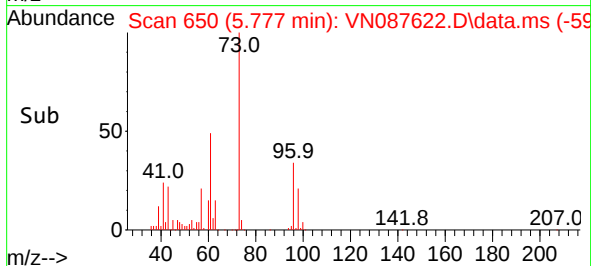
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 175989
Ion Ratio Lower Upper
96 100
61 147.5 118.0 177.0
98 62.5 50.0 75.0

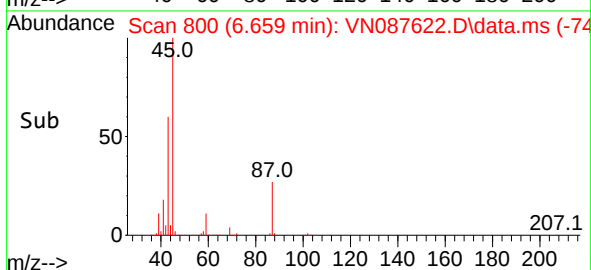
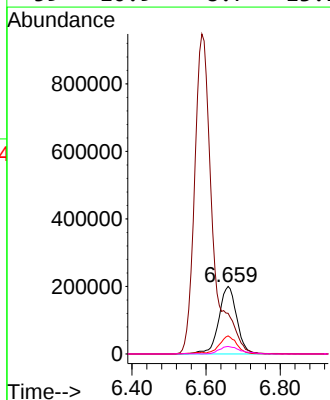
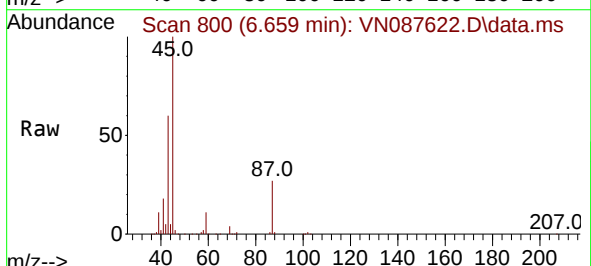
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
Diisopropyl ether
Concen: 50.897 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

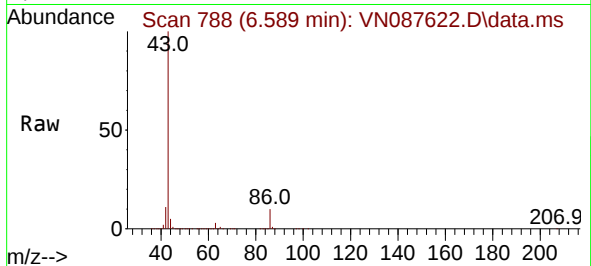
Tgt Ion: 45 Resp: 673069
Ion Ratio Lower Upper
45 100
43 59.6 47.7 71.5
87 26.7 21.4 32.0
59 10.9 8.7 13.1





#23
 Vinyl Acetate
 Concen: 262.358 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087622.D
 Acq: 21 Aug 2025 14:02

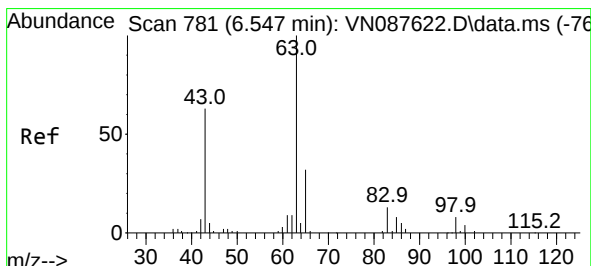
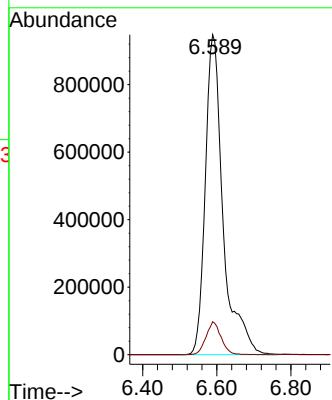
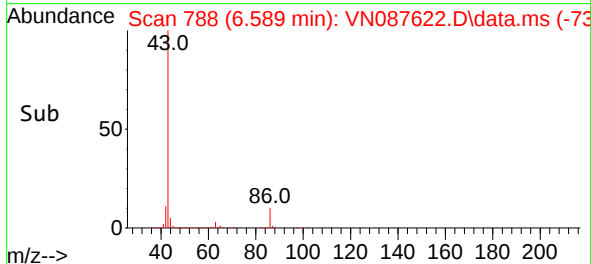
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



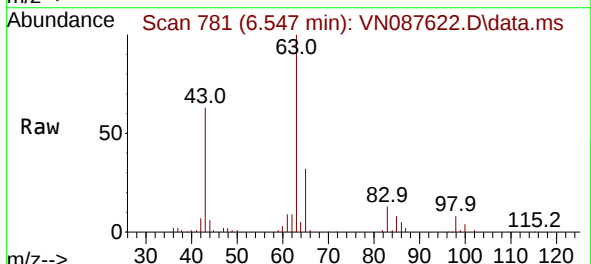
Tgt Ion: 43 Resp: 315644
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4

Manual Integrations
 APPROVED

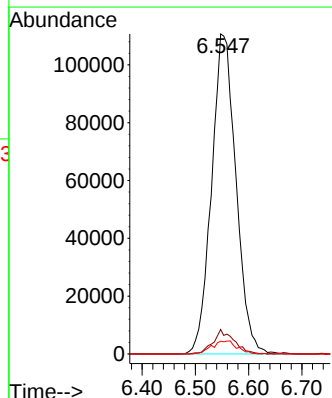
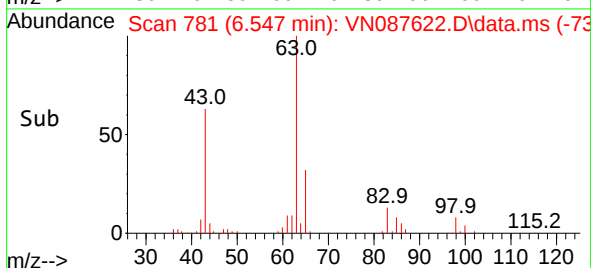
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#24
 1,1-Dichloroethane
 Concen: 48.560 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. 0.000 min
 Lab File: VN087622.D
 Acq: 21 Aug 2025 14:02



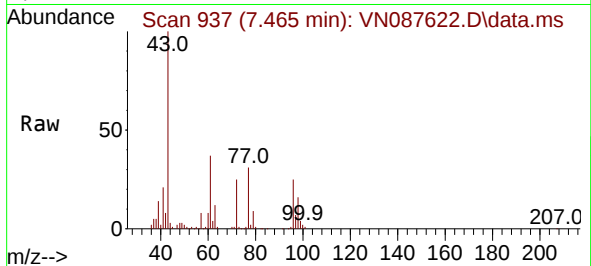
Tgt Ion: 63 Resp: 352088
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.0 2.0 6.0





#25
2-Butanone
Concen: 249.467 ug/l
RT: 7.465 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

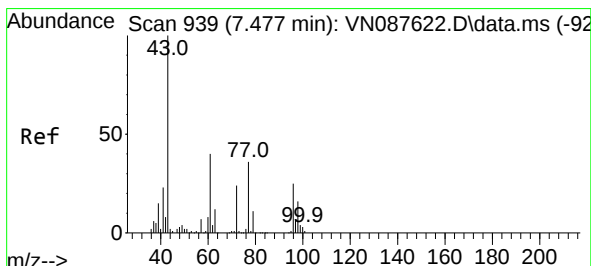
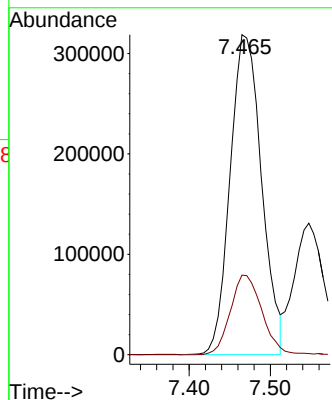
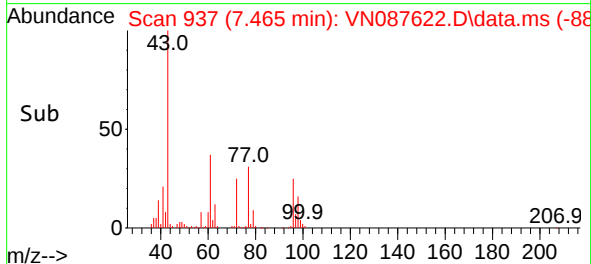
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050



Tgt Ion: 43 Resp: 858584
Ion Ratio Lower Upper
43 100
72 24.9 19.9 29.9

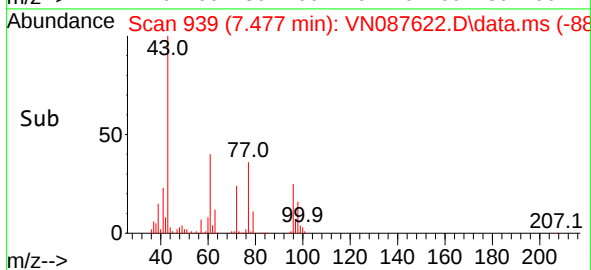
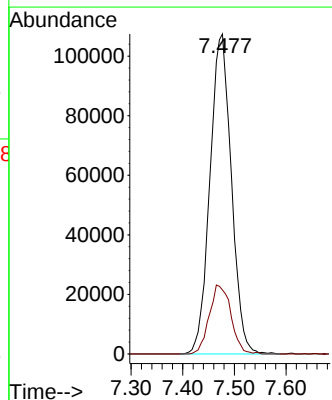
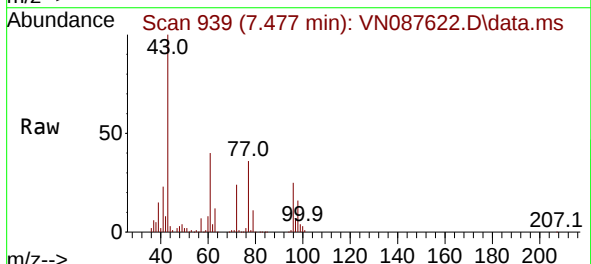
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#26
2,2-Dichloropropane
Concen: 49.645 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

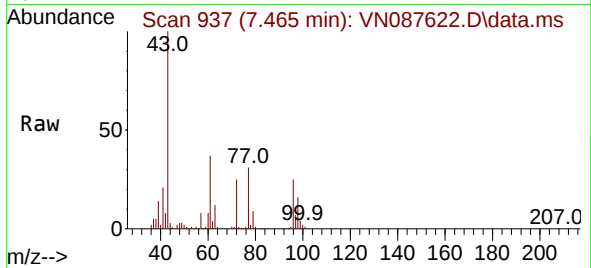
Tgt Ion: 77 Resp: 308944
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 50.366 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087622.D
 Acq: 21 Aug 2025 14:02

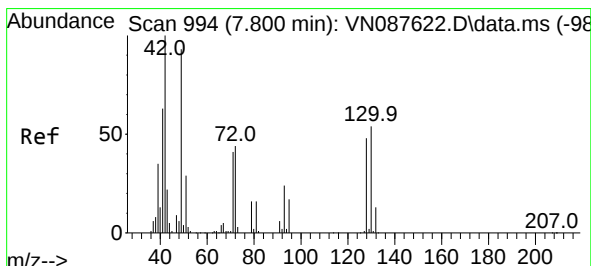
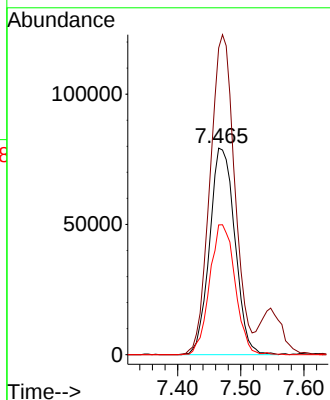
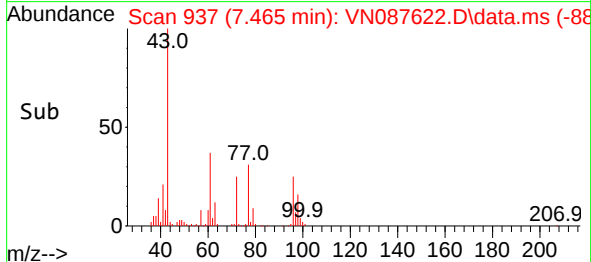
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 22066
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 301.8
 98 63.1 0.0 126.2

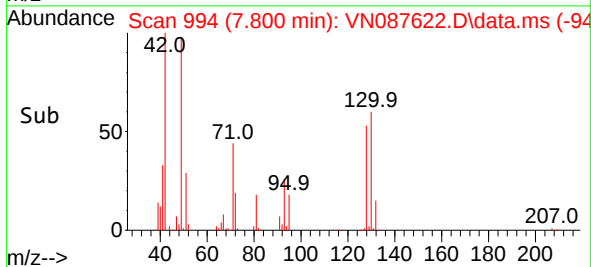
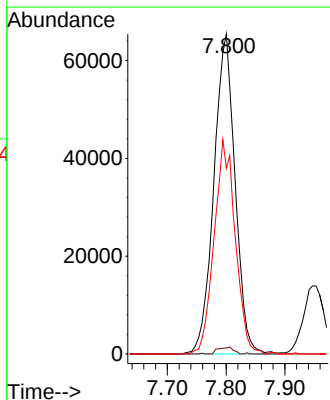
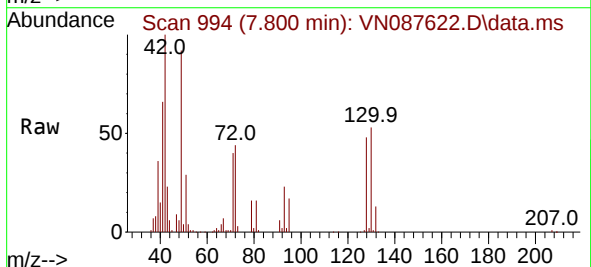
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#28
 Bromochloromethane
 Concen: 46.931 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087622.D
 Acq: 21 Aug 2025 14:02

Tgt Ion: 49 Resp: 164506
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 66.4 53.1 79.7





#29

Tetrahydrofuran

Concen: 250.802 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 555500

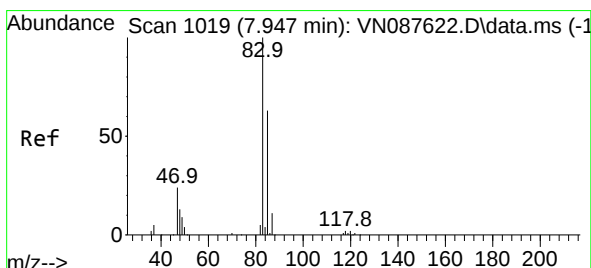
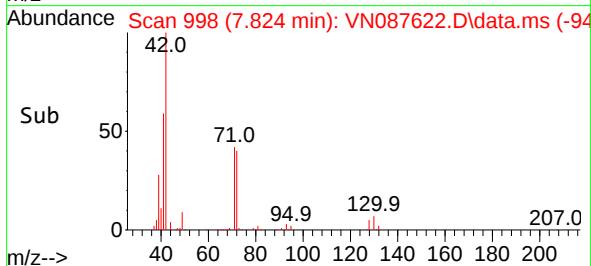
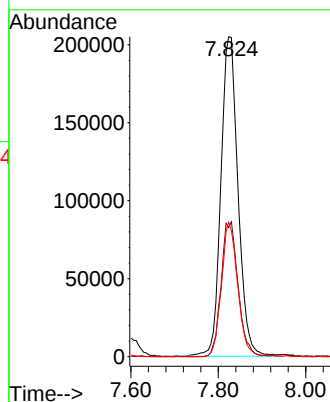
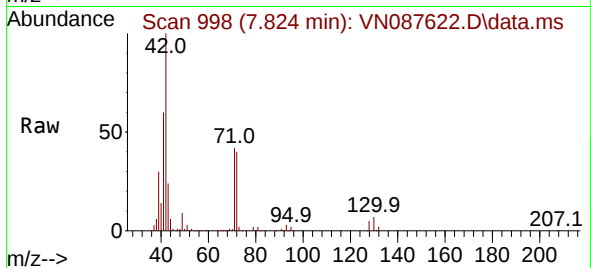
Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.7	50.5
71	39.9	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#30

Chloroform

Concen: 50.036 ug/l

RT: 7.947 min Scan# 1019

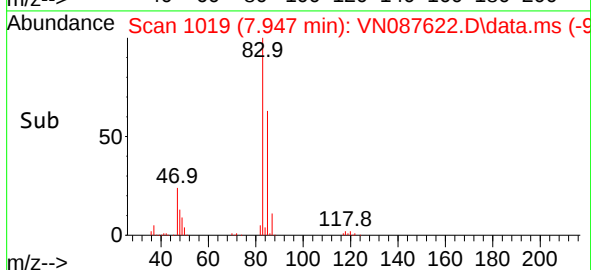
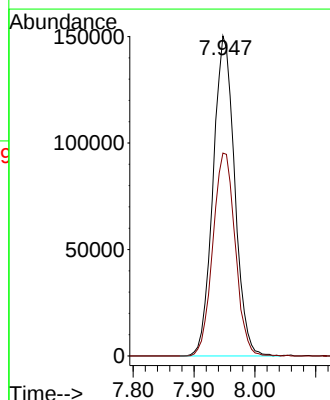
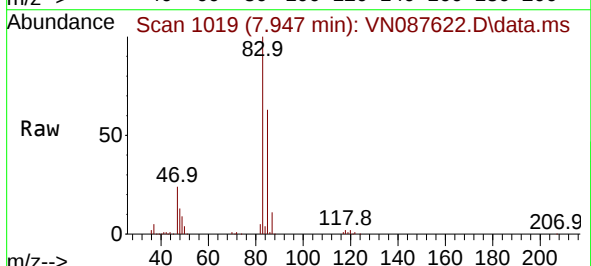
Delta R.T. 0.000 min

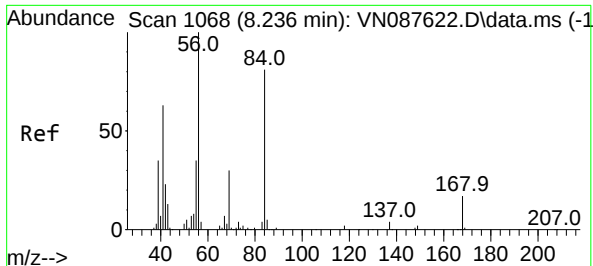
Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

Tgt Ion: 83 Resp: 370301

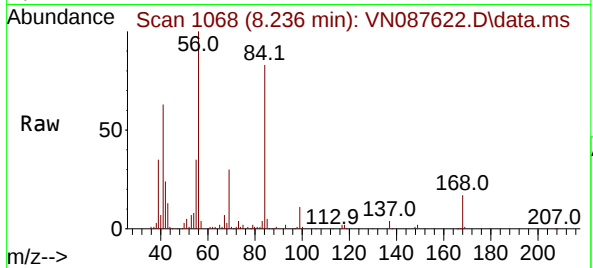
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.7	76.1





#31
Cyclohexane
Concen: 47.878 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

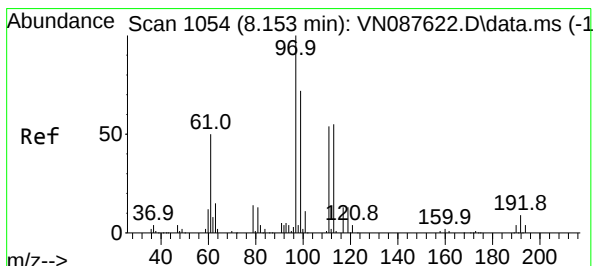
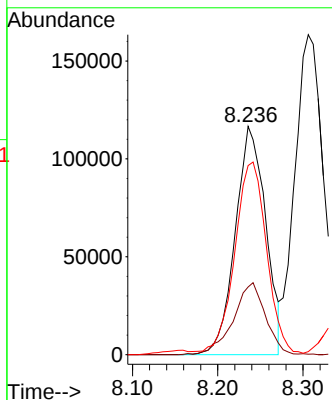
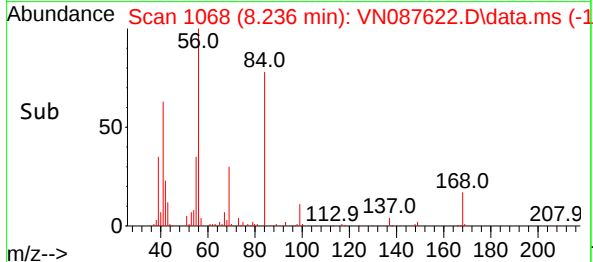
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



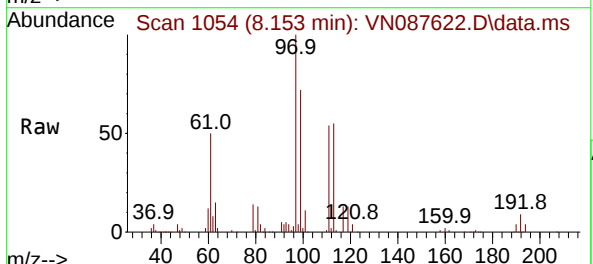
Tgt Ion: 56 Resp: 289400
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 80.9 64.7 97.1

Manual Integrations
APPROVED

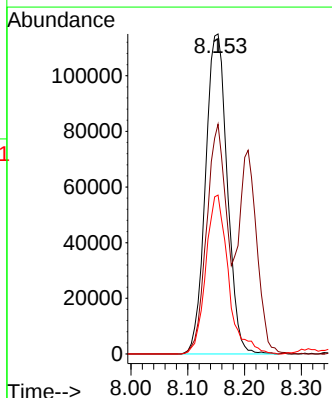
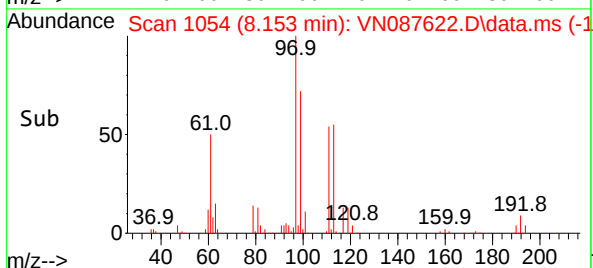
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

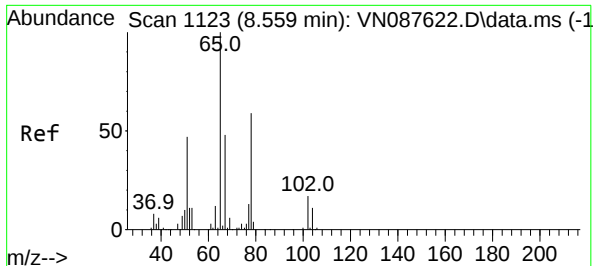


#32
1,1,1-Trichloroethane
Concen: 48.715 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



Tgt Ion: 97 Resp: 305533
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 51.5 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 46.791 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 224850

Ion Ratio Lower Upper

65 100

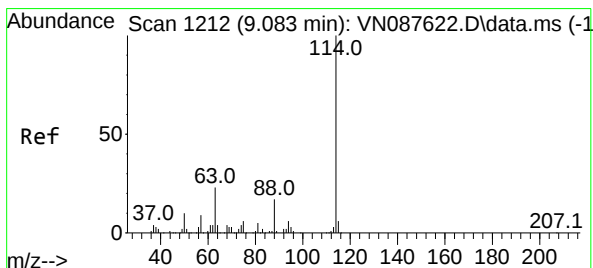
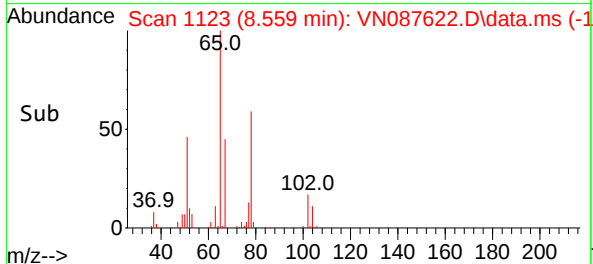
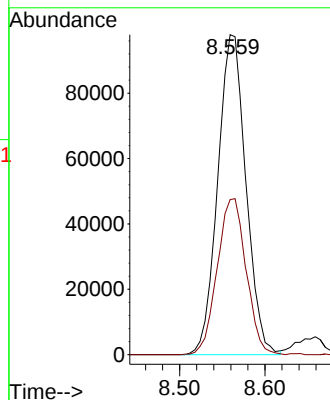
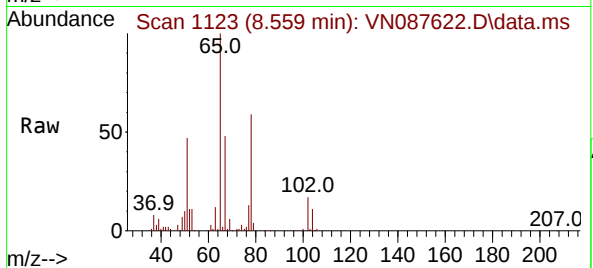
67 50.0 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

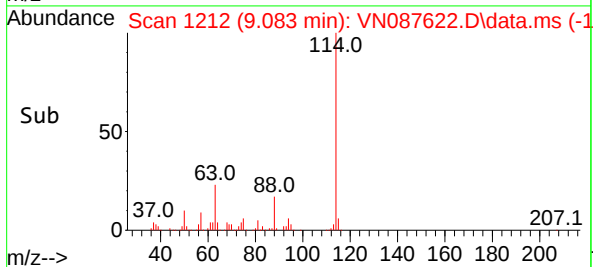
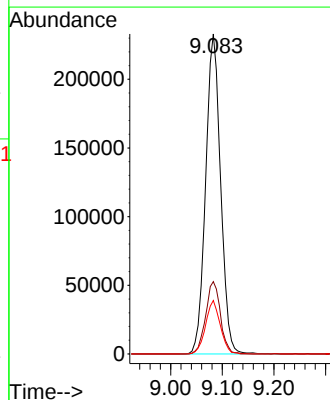
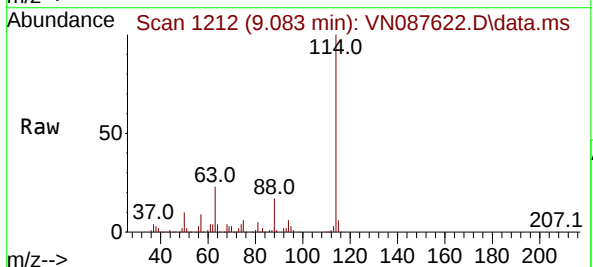
Tgt Ion:114 Resp: 468145

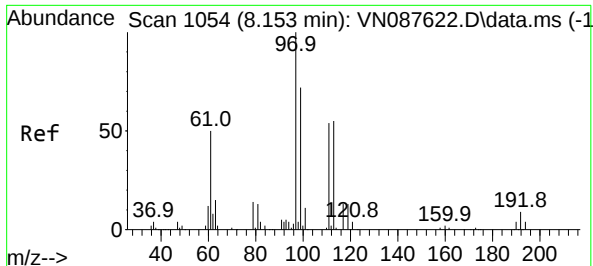
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.252 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 15633

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

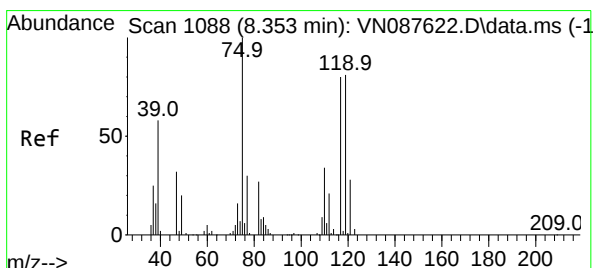
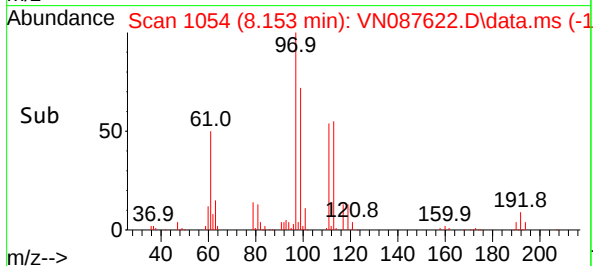
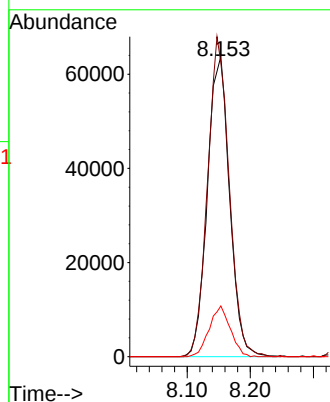
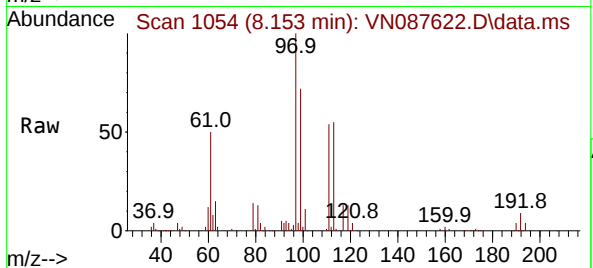
192 16.0 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#36

1,1-Dichloropropene

Concen: 47.660 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

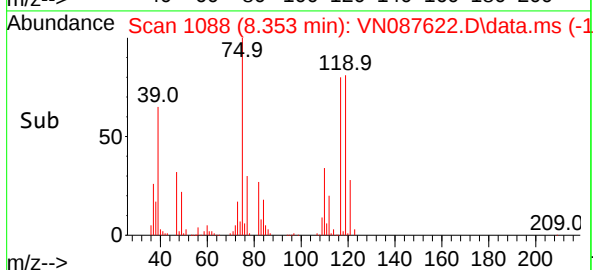
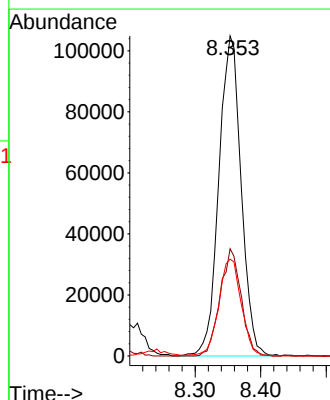
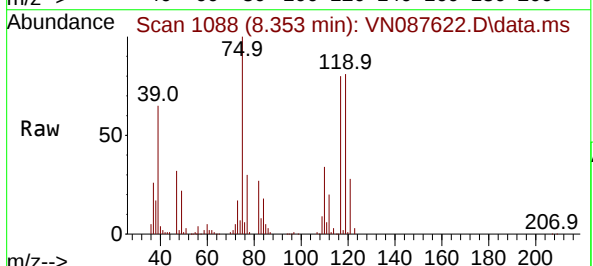
Tgt Ion: 75 Resp: 247135

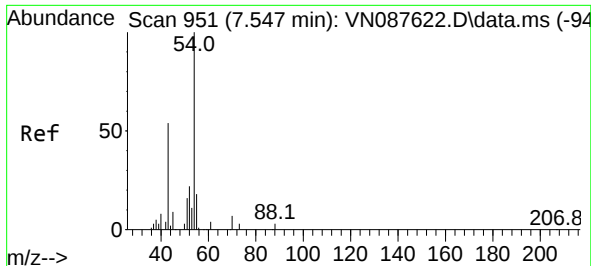
Ion Ratio Lower Upper

75 100

110 31.7 15.9 47.6

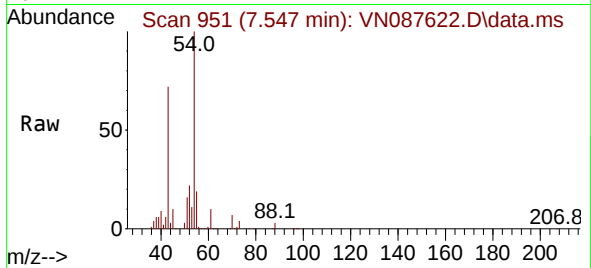
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 49.034 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

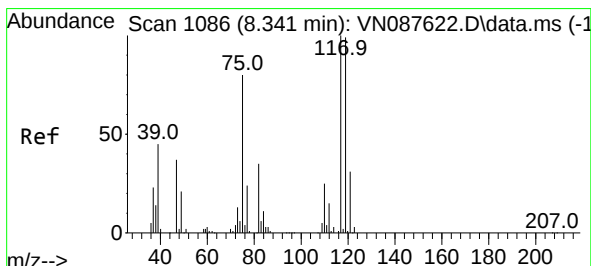
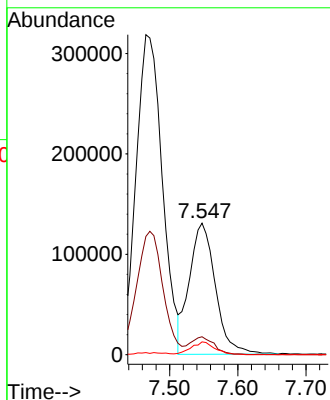
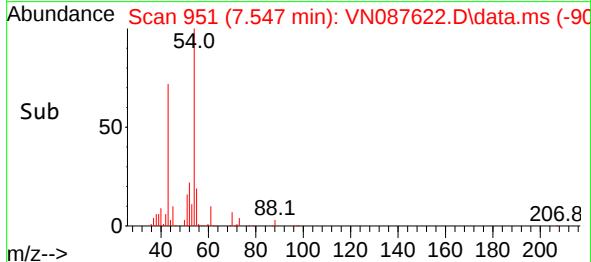
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 347439
Ion Ratio Lower Upper
43 100
61 11.6 9.3 13.9
70 8.8 7.0 10.6

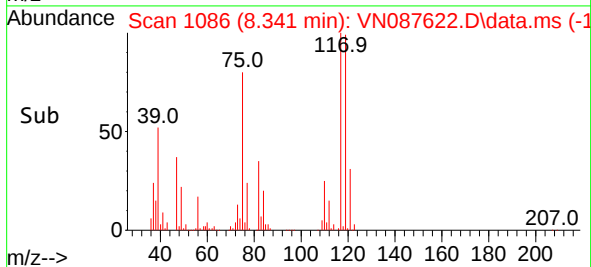
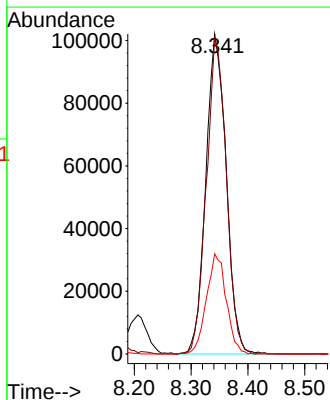
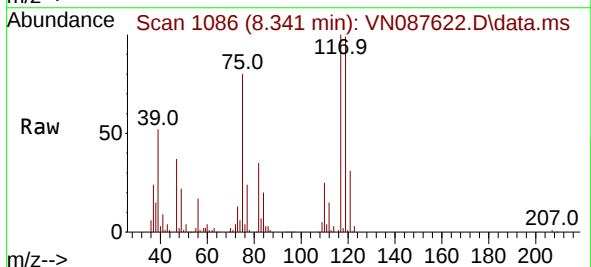
Manual Integrations
APPROVED

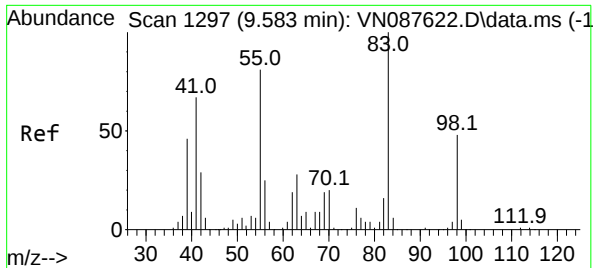
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#38
Carbon Tetrachloride
Concen: 49.543 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

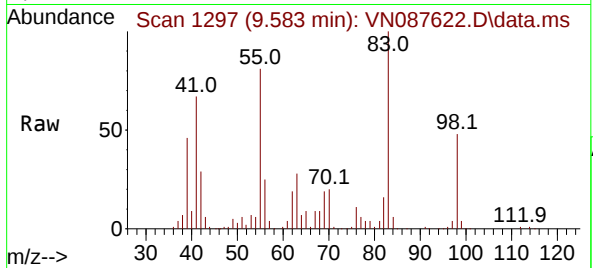
Tgt Ion:117 Resp: 253643
Ion Ratio Lower Upper
117 100
119 98.8 79.0 118.6
121 31.3 25.0 37.6





#39
Methylcyclohexane
Concen: 48.348 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

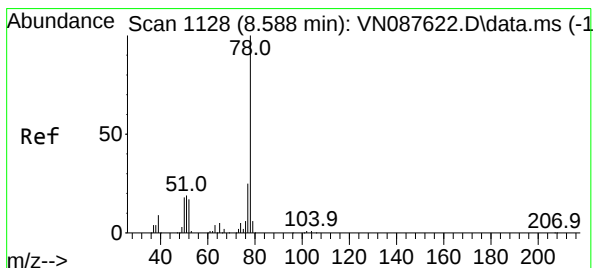
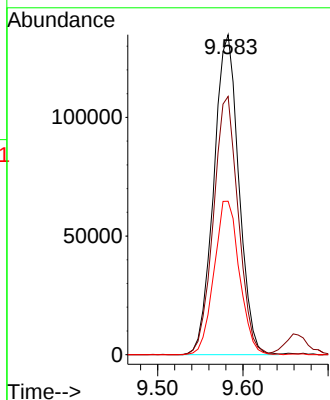
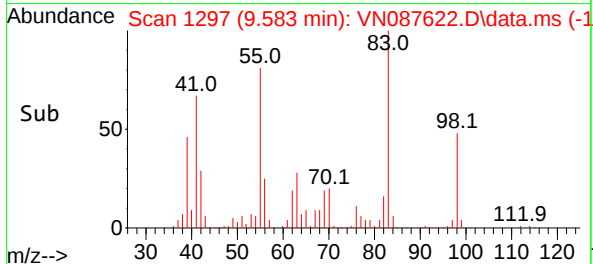
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



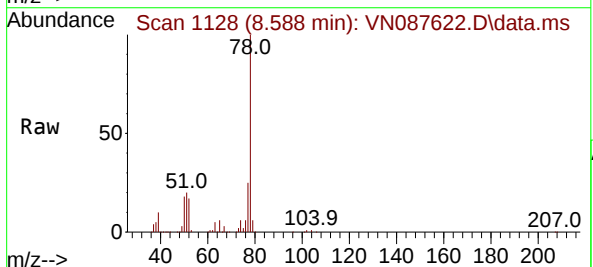
Tgt Ion: 83 Resp: 276000
Ion Ratio Lower Upper
83 100
55 80.7 64.6 96.8
98 48.0 38.4 57.6

Manual Integrations
APPROVED

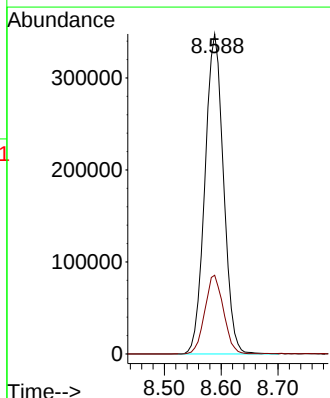
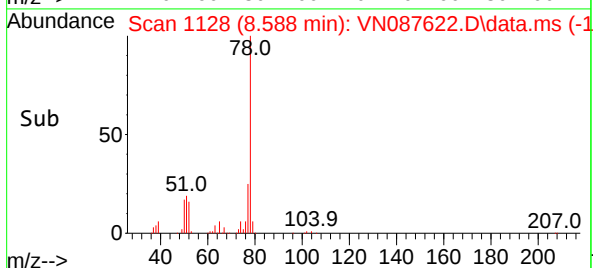
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

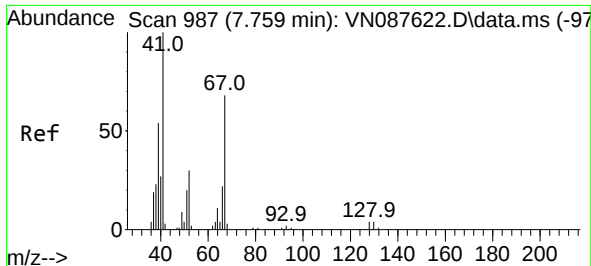


#40
Benzene
Concen: 49.562 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



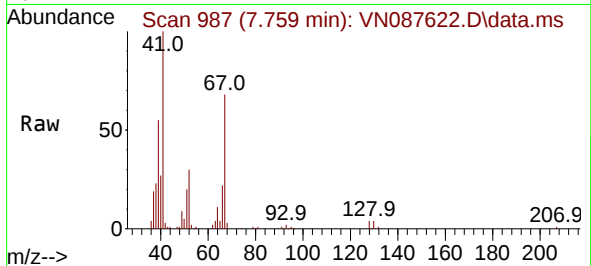
Tgt Ion: 78 Resp: 788238
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5





#41
Methacrylonitrile
Concen: 49.594 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

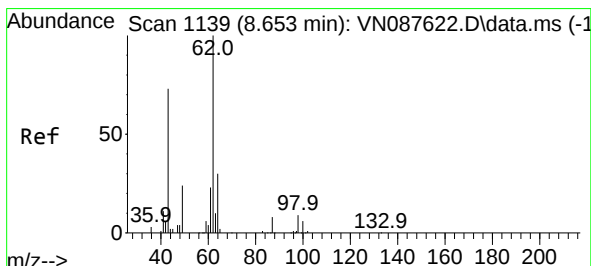
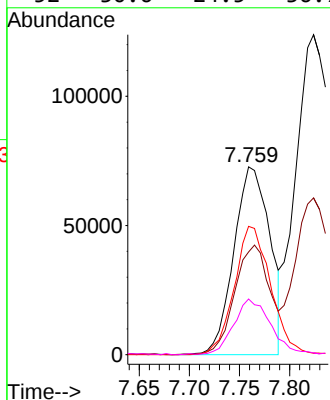
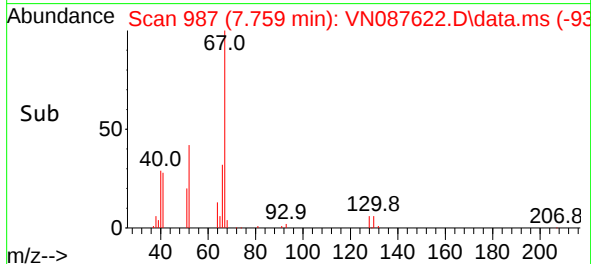
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:	41	Resp:	182028
Ion Ratio	100	Lower	Upper
39	56.7	45.4	68.0
67	69.1	55.3	82.9
52	30.6	24.5	36.7

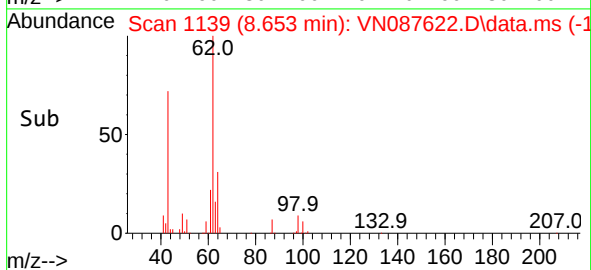
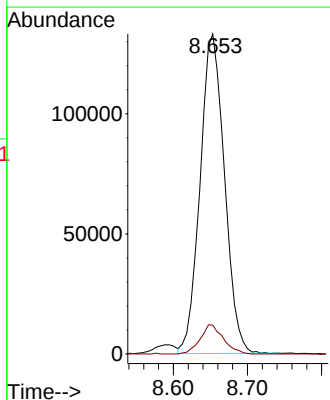
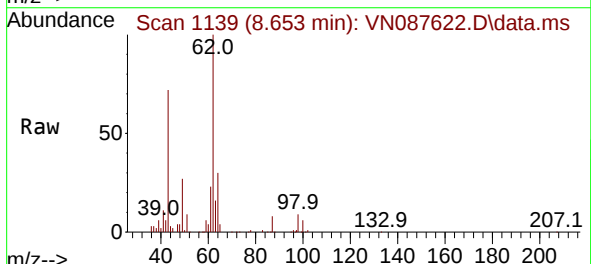
Manual Integrations
APPROVED

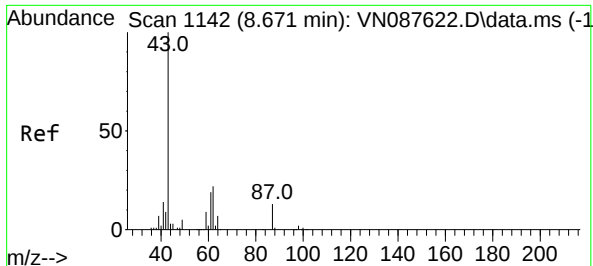
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#42
1,2-Dichloroethane
Concen: 49.794 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

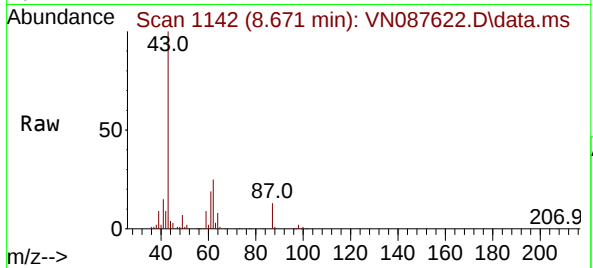
Tgt Ion:	62	Resp:	304323
Ion Ratio	100	Lower	Upper
98	8.7	0.0	17.4





#43
Isopropyl Acetate
Concen: 50.703 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

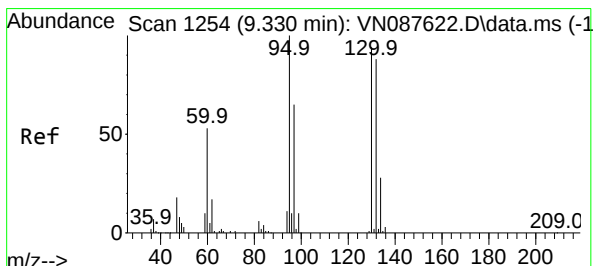
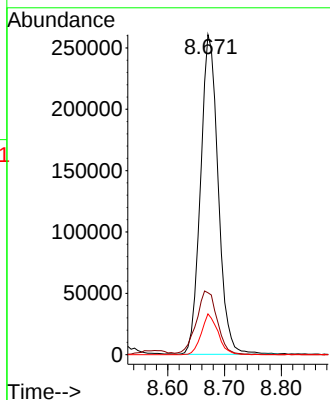
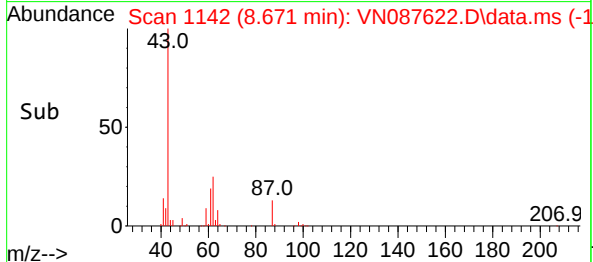
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 560899
Ion Ratio Lower Upper
43 100
61 23.5 18.8 28.2
87 12.0 9.6 14.4

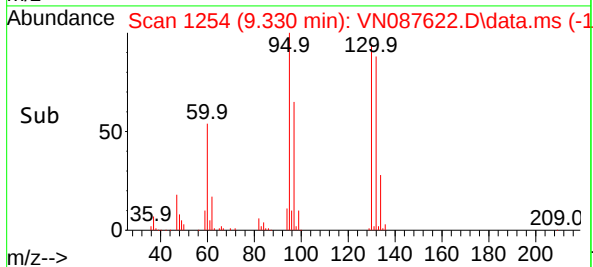
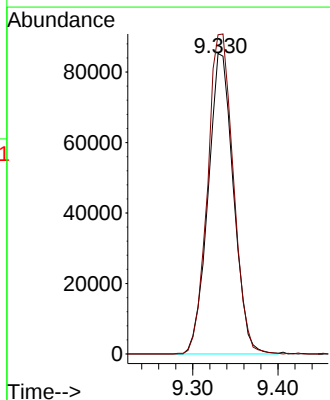
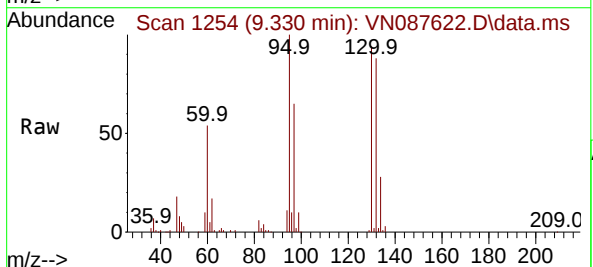
Manual Integrations
APPROVED

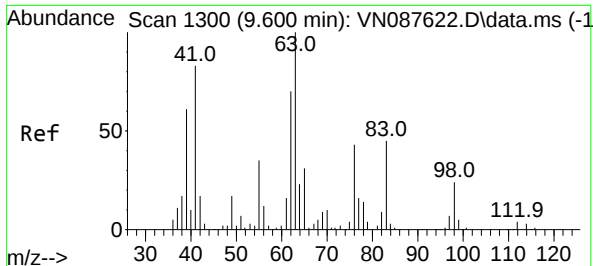
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#44
Trichloroethene
Concen: 48.607 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

Tgt Ion:130 Resp: 176493
Ion Ratio Lower Upper
130 100
95 106.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 48.398 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 20289

Ion Ratio Lower Upper

63 100

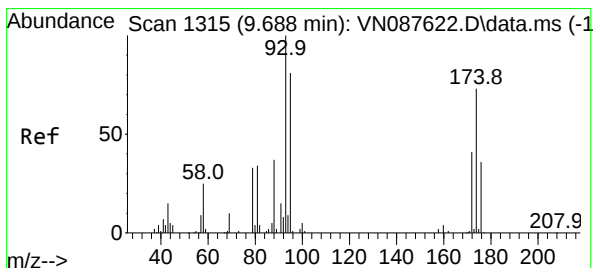
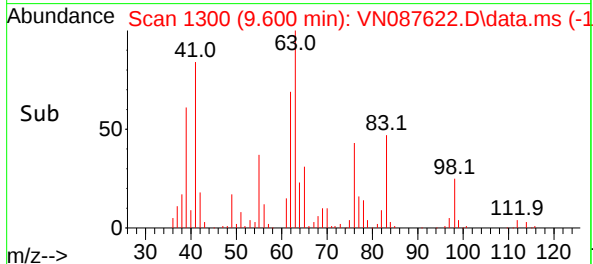
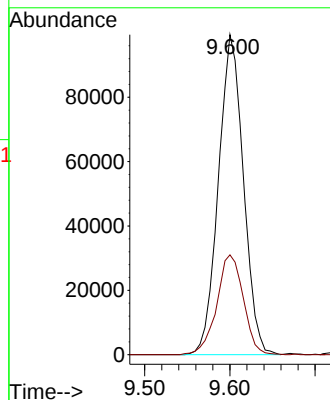
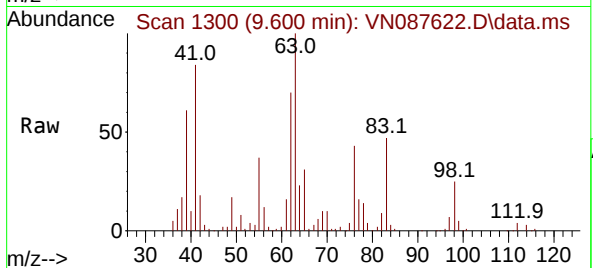
65 31.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#46

Dibromomethane

Concen: 49.915 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

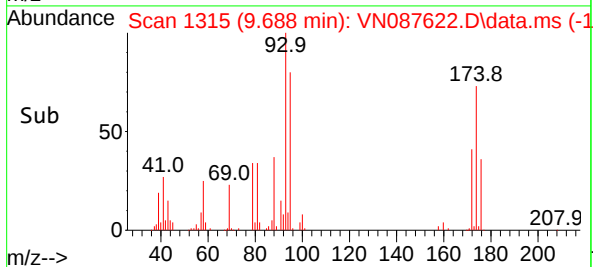
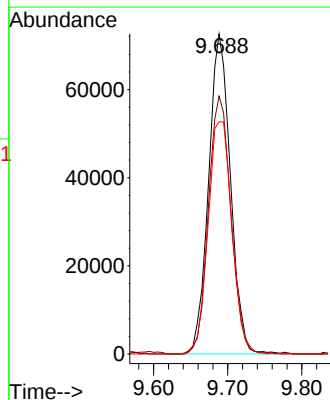
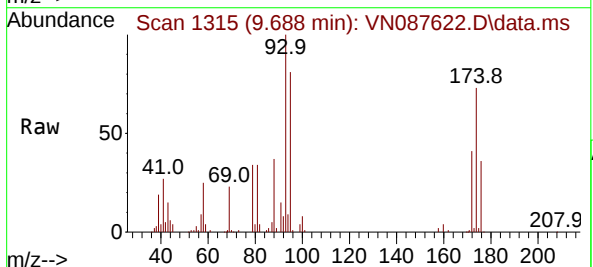
Tgt Ion: 93 Resp: 148909

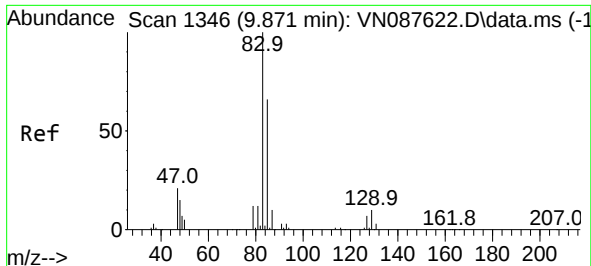
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

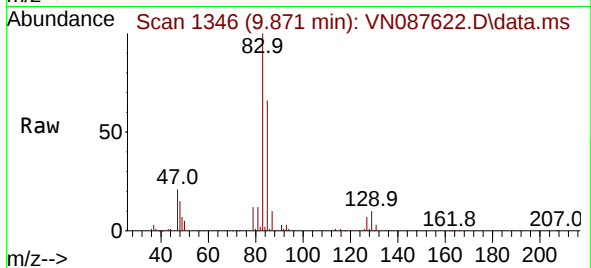
174 79.3 63.4 95.2





#47
Bromodichloromethane
Concen: 48.886 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

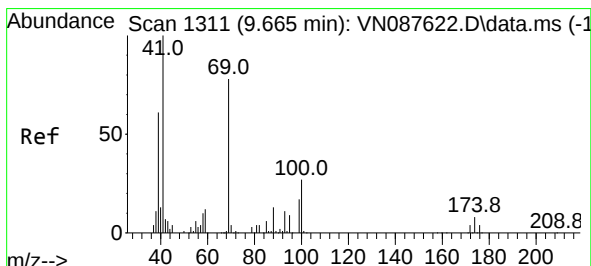
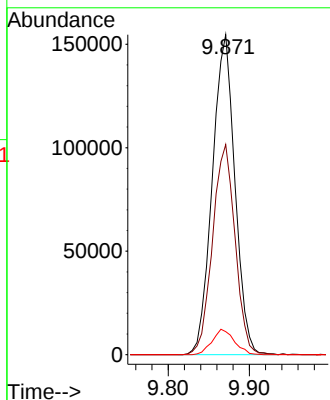
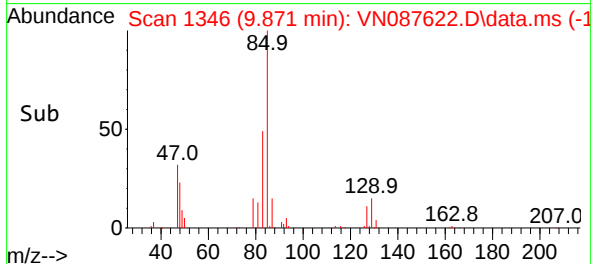
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 29888
Ion Ratio Lower Upper
83 100
85 65.6 52.5 78.7
127 7.2 5.8 8.6

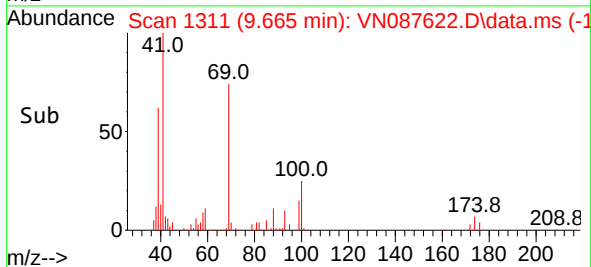
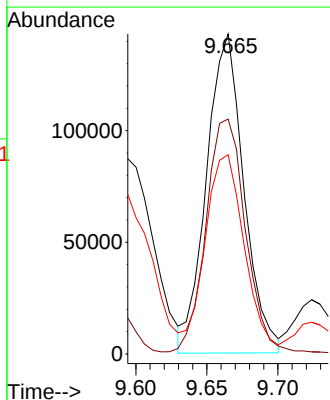
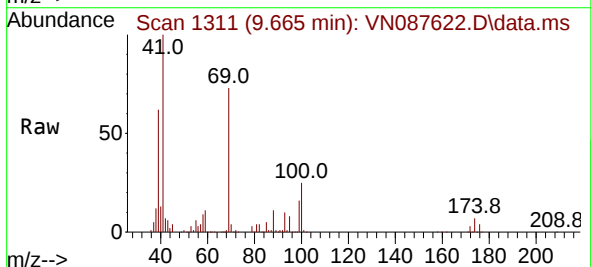
Manual Integrations
APPROVED

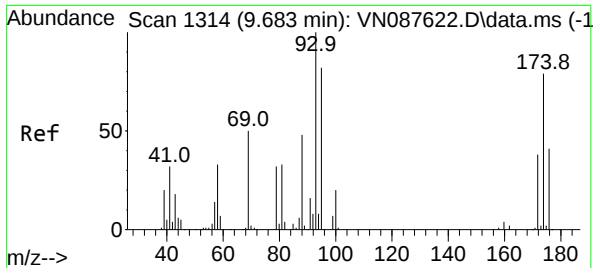
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#48
Methyl methacrylate
Concen: 49.964 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

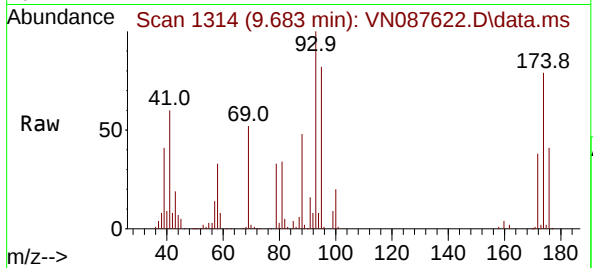
Tgt Ion: 41 Resp: 261445
Ion Ratio Lower Upper
41 100
69 78.4 62.7 94.1
39 66.1 52.9 79.3





#49
1,4-Dioxane
Concen: 1073.097 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

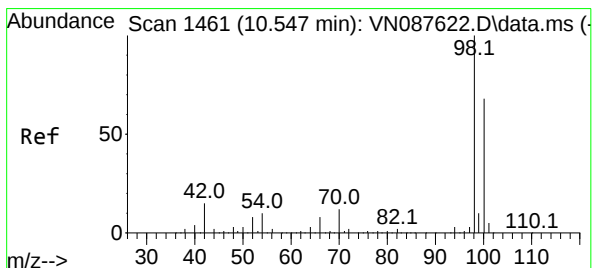
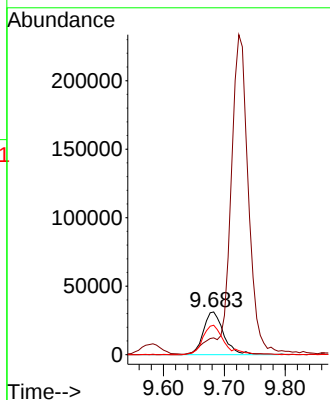
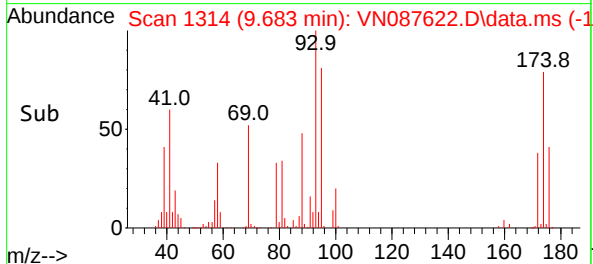
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 72780
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.4 57.9 86.9

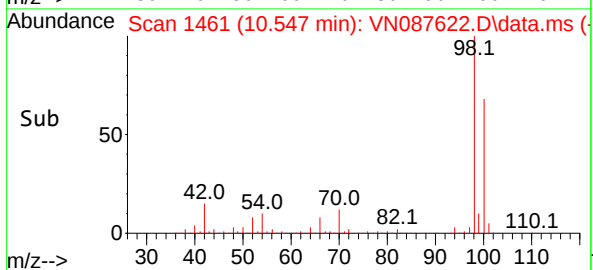
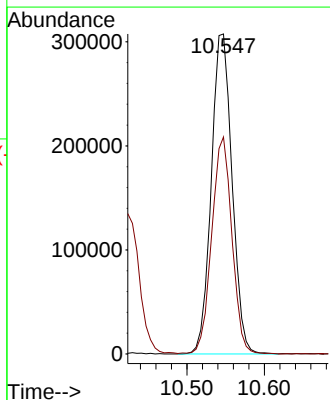
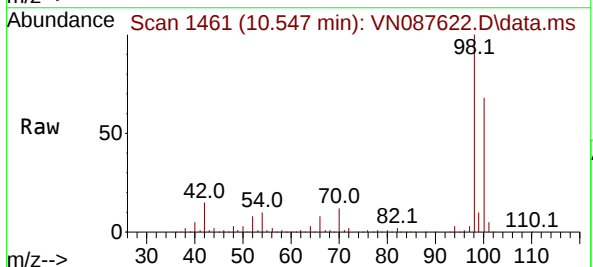
Manual Integrations
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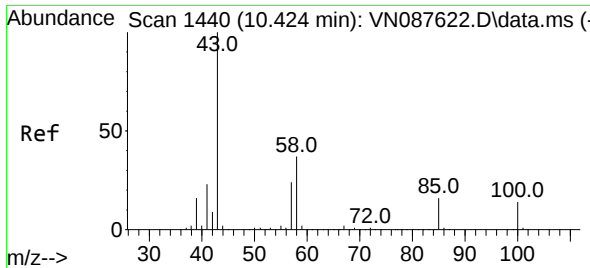
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#50
Toluene-d8
Concen: 45.266 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

Tgt Ion: 98 Resp: 572648
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2





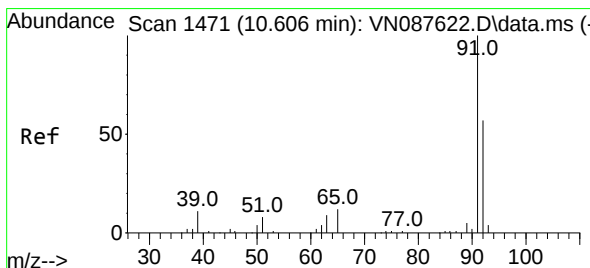
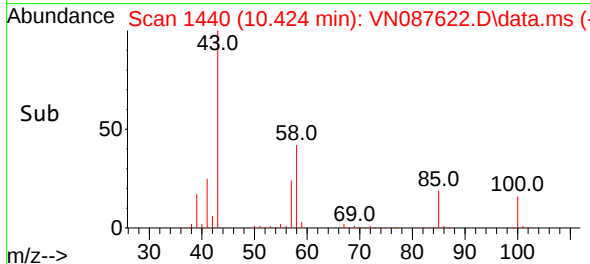
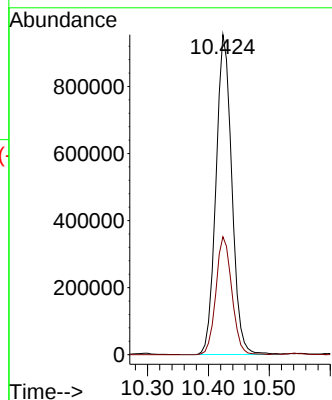
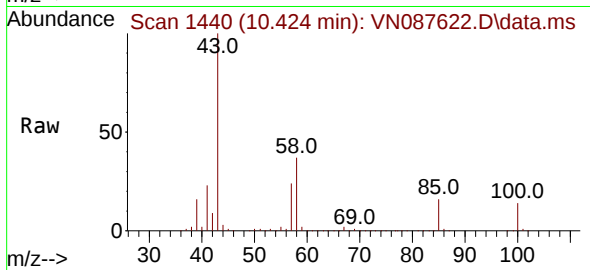
#51
4-Methyl-2-Pentanone
Concen: 258.056 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 172239
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4

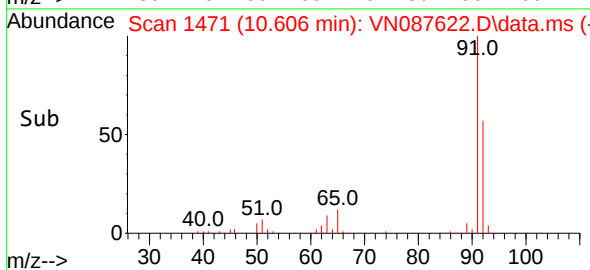
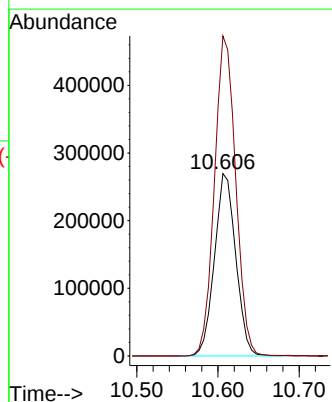
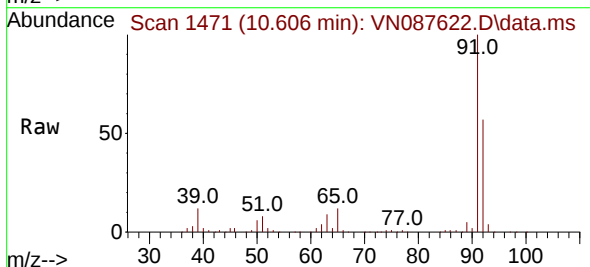
Manual Integrations
APPROVED

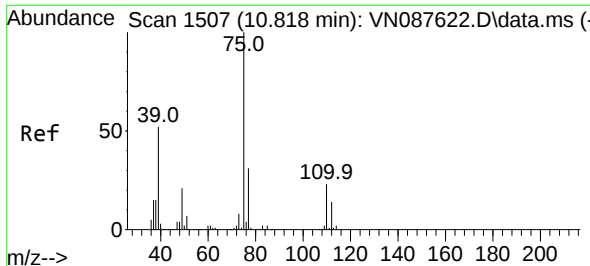
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#52
Toluene
Concen: 49.872 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

Tgt Ion: 92 Resp: 491725
Ion Ratio Lower Upper
92 100
91 175.5 140.4 210.6





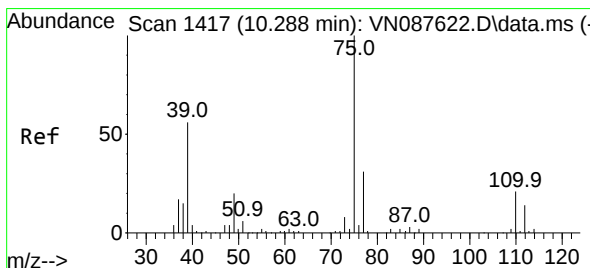
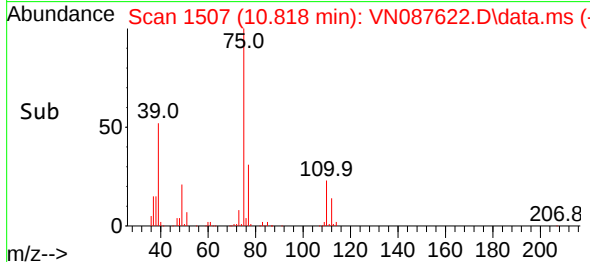
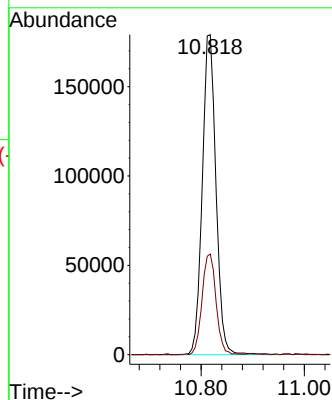
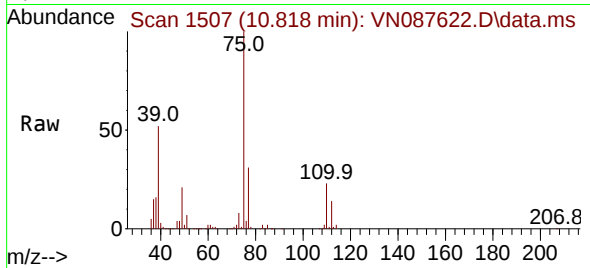
#53
 t-1,3-Dichloropropene
 Concen: 51.987 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: VN087622.D
 Acq: 21 Aug 2025 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 32900
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8

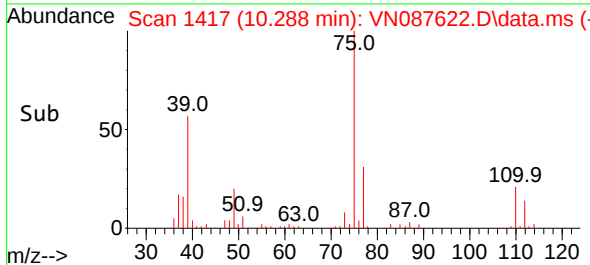
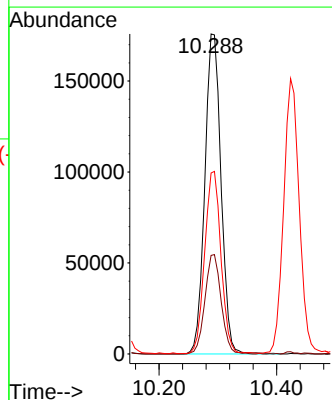
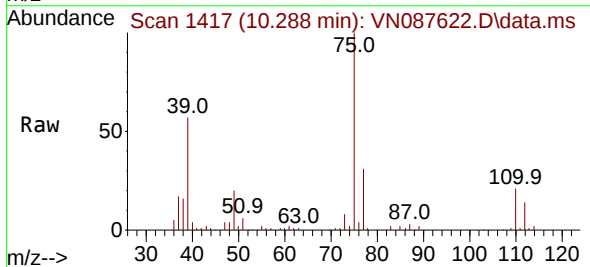
Manual Integrations
 APPROVED

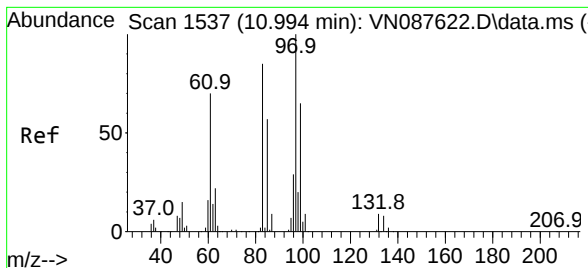
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#54
 cis-1,3-Dichloropropene
 Concen: 51.127 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VN087622.D
 Acq: 21 Aug 2025 14:02

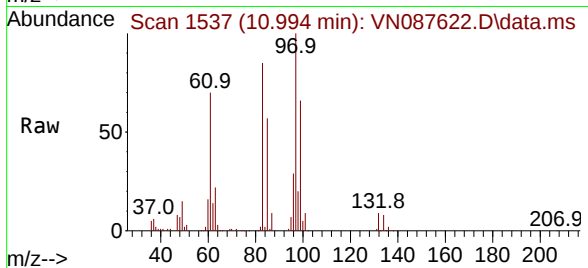
Tgt Ion: 75 Resp: 335961
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 37.0
 39 56.5 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 50.035 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

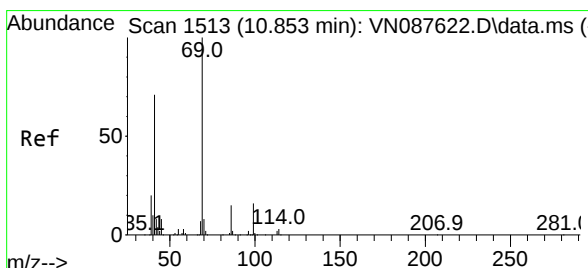
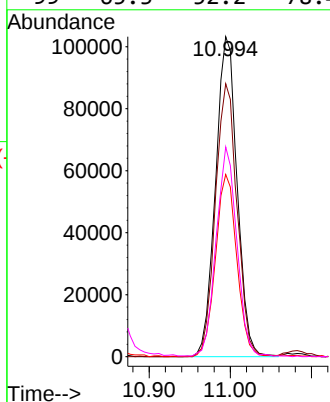
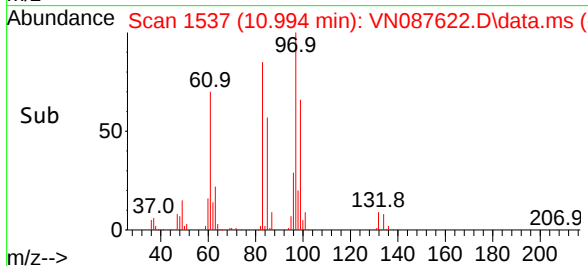
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



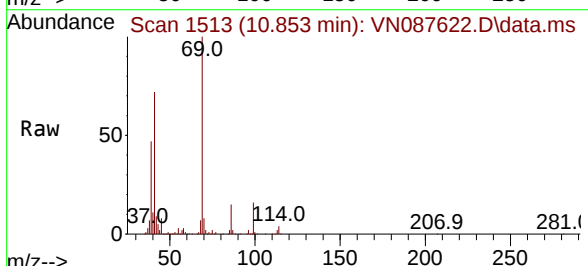
Tgt Ion: 97 Resp: 19084
Ion Ratio Lower Upper
97 100
83 85.3 68.2 102.4
85 56.9 45.5 68.3
99 65.3 52.2 78.4

Manual Integrations
APPROVED

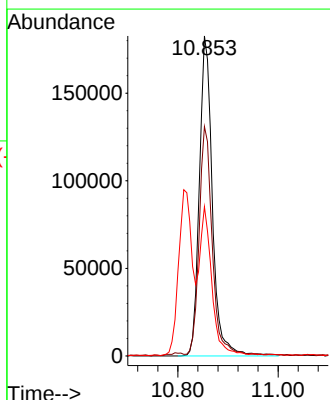
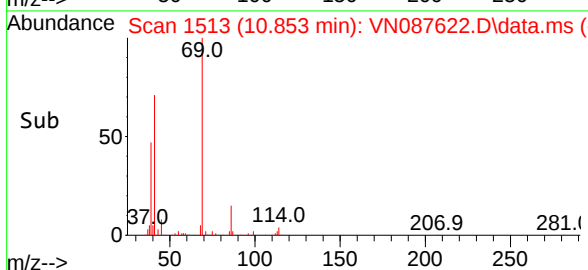
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#56
Ethyl methacrylate
Concen: 54.182 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



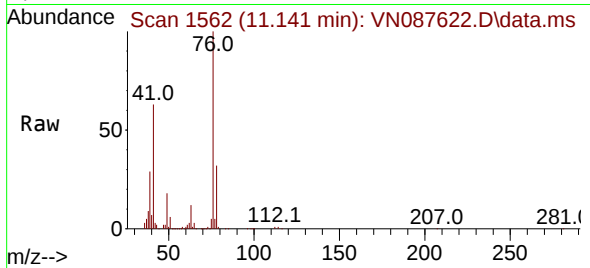
Tgt Ion: 69 Resp: 330271
Ion Ratio Lower Upper
69 100
41 70.6 56.5 84.7
39 42.8 34.2 51.4





#57
1,3-Dichloropropane
Concen: 50.690 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

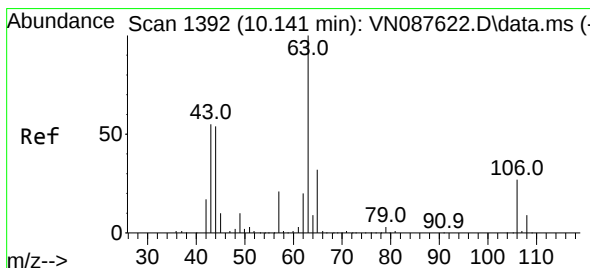
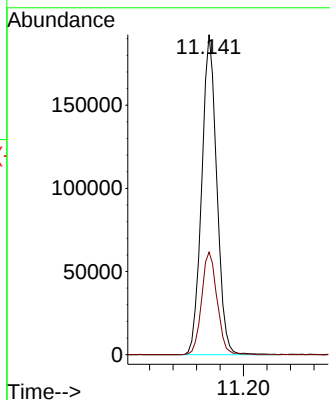
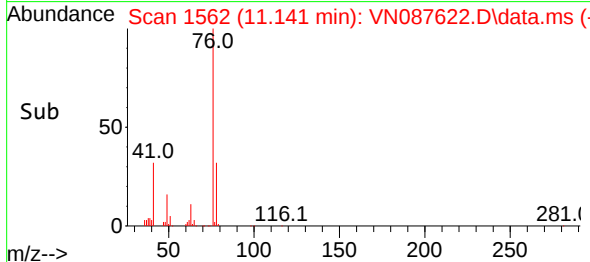
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 342170
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4

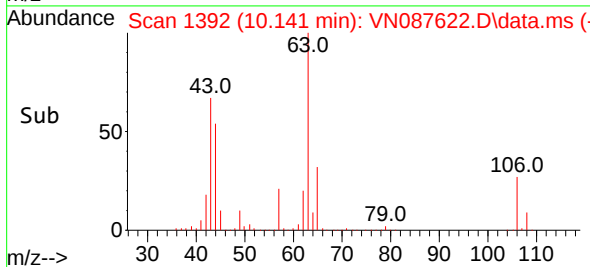
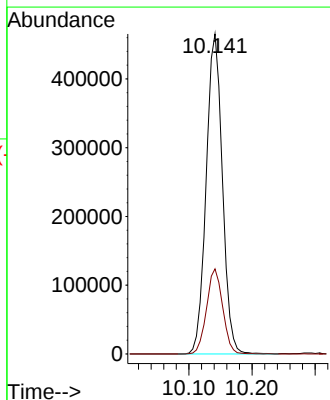
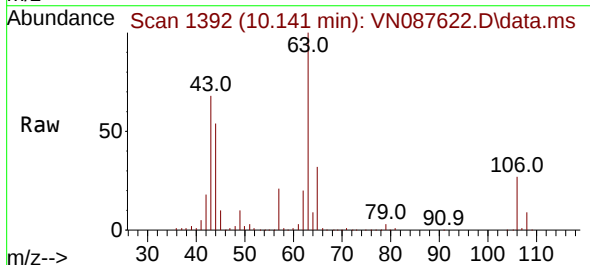
Manual Integrations
APPROVED

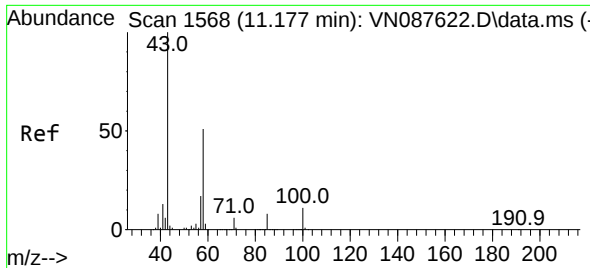
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 251.329 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

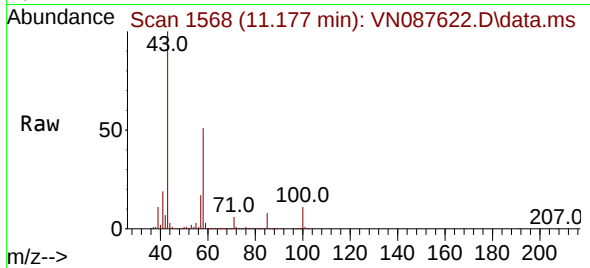
Tgt Ion: 63 Resp: 829191
Ion Ratio Lower Upper
63 100
106 26.4 21.1 31.7





#59
2-Hexanone
Concen: 283.100 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

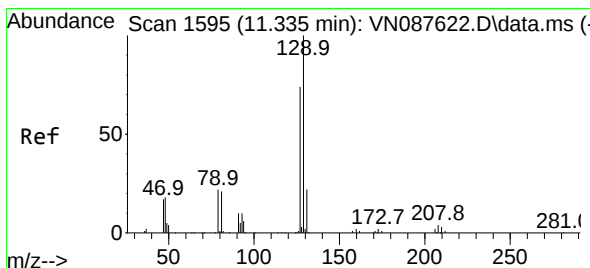
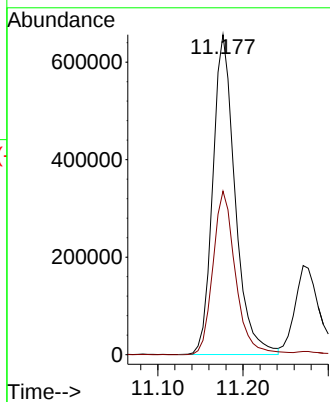
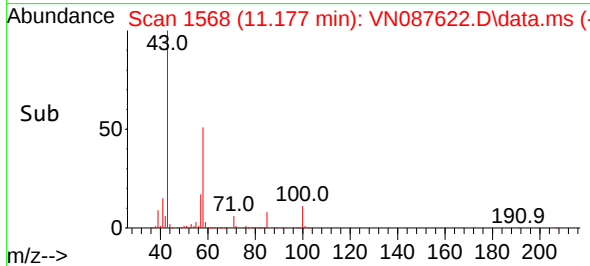
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 119419
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8

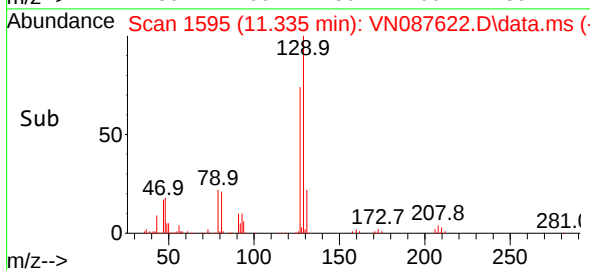
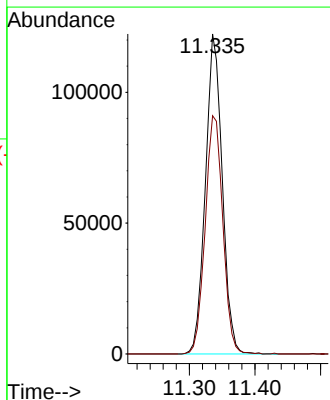
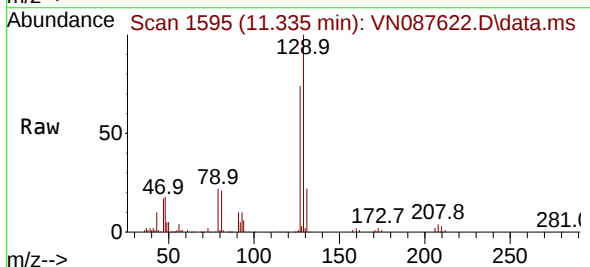
Manual Integrations
APPROVED

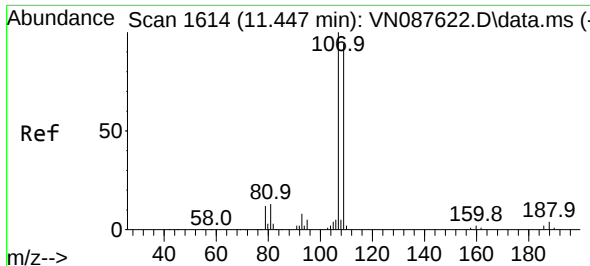
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#60
Dibromochloromethane
Concen: 49.389 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

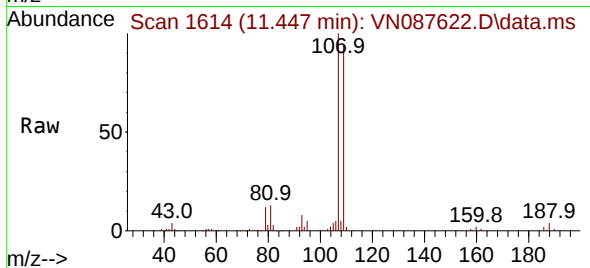
Tgt Ion:129 Resp: 218275
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3





#61
1,2-Dibromoethane
Concen: 50.296 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

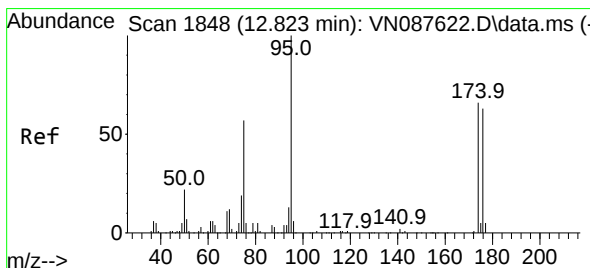
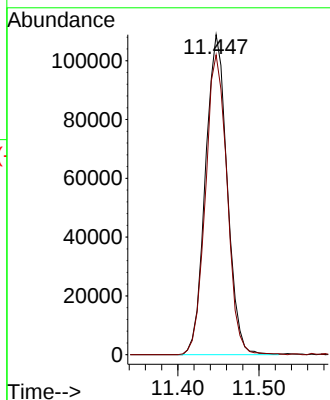
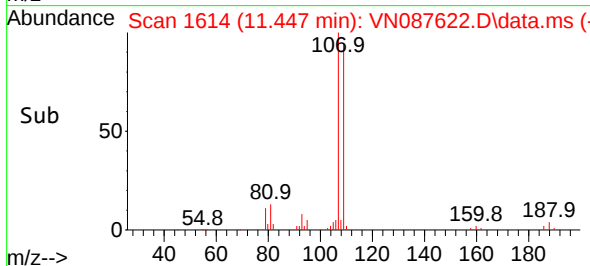
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



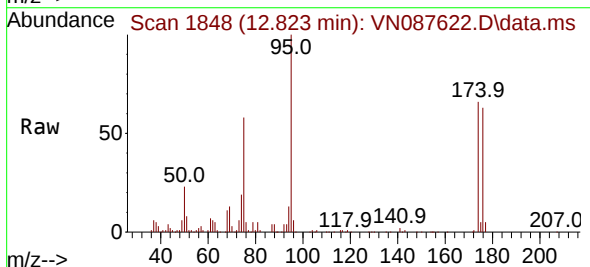
Tgt Ion:107 Resp: 202283
Ion Ratio Lower Upper
107 100
109 93.4 74.7 112.1

Manual Integrations
APPROVED

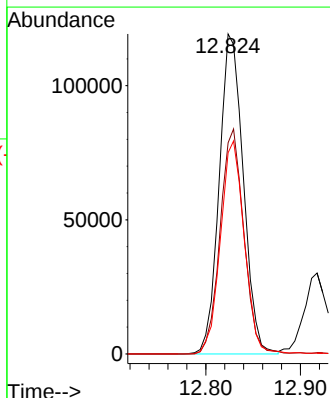
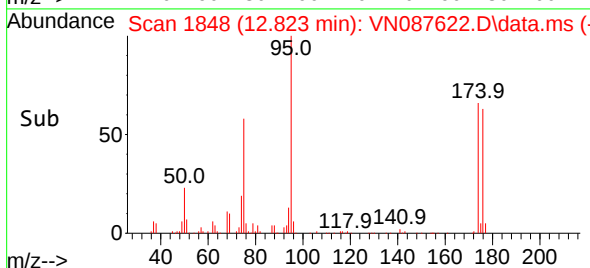
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

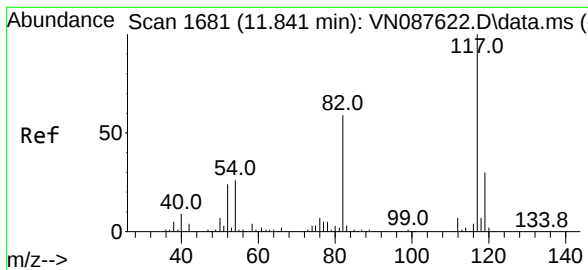


#62
4-Bromofluorobenzene
Concen: 46.809 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



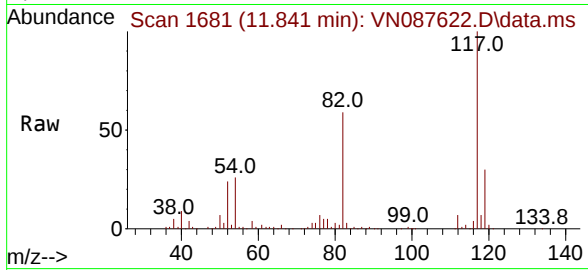
Tgt Ion: 95 Resp: 210592
Ion Ratio Lower Upper
95 100
174 69.2 0.0 138.4
176 66.3 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

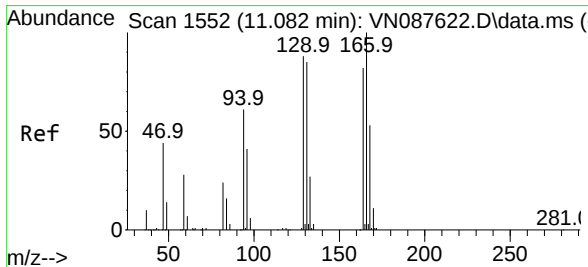
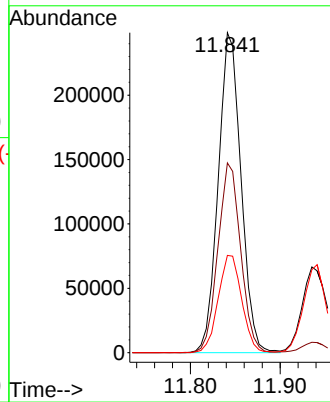
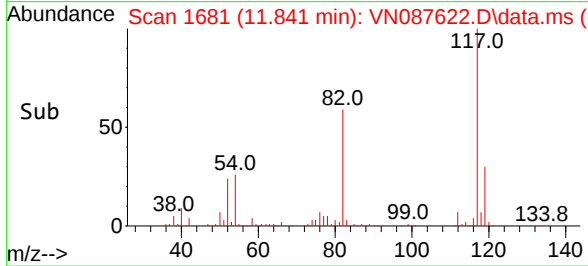
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



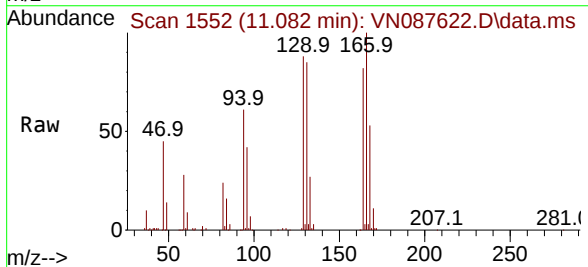
Tgt Ion:117 Resp: 438262
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 30.4 24.3 36.5

Manual Integrations
APPROVED

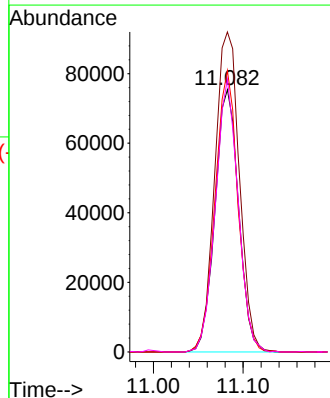
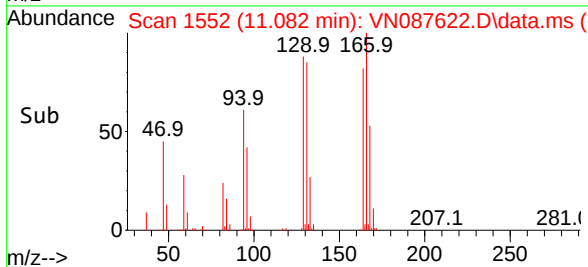
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

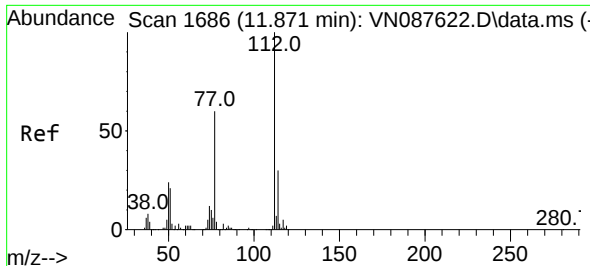


#64
Tetrachloroethene
Concen: 45.149 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



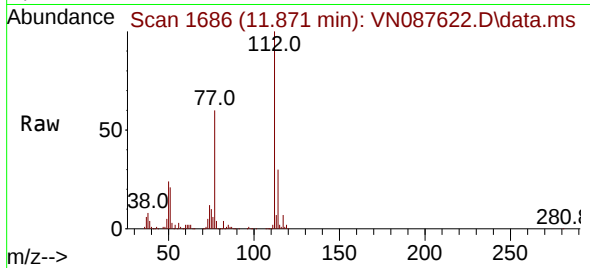
Tgt Ion:164 Resp: 137281
Ion Ratio Lower Upper
164 100
166 122.1 97.7 146.5
129 107.4 85.9 128.9
131 104.0 83.2 124.8





#65
Chlorobenzene
Concen: 48.648 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

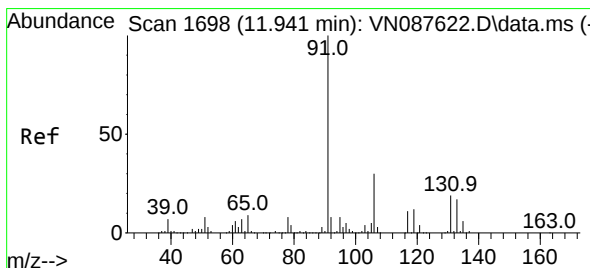
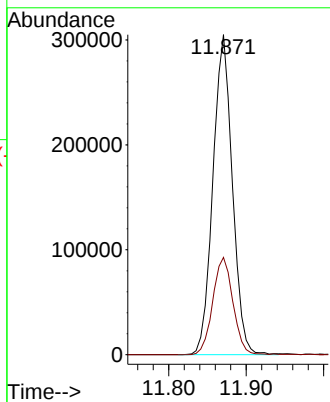
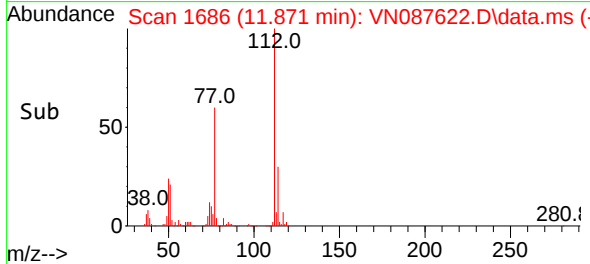
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



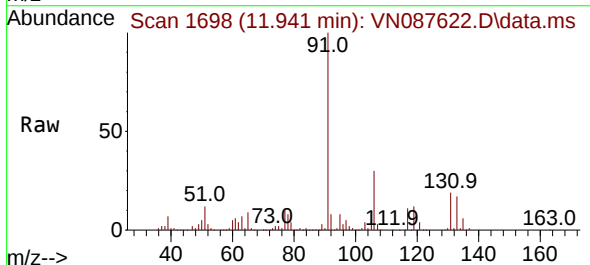
Tgt Ion:112 Resp: 53042
Ion Ratio Lower Upper
112 100
114 30.4 24.3 36.5

Manual Integrations
APPROVED

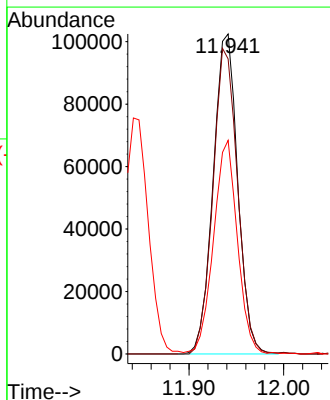
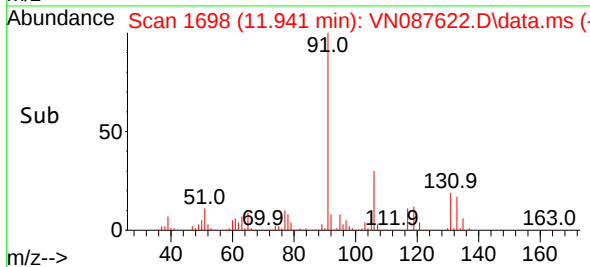
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

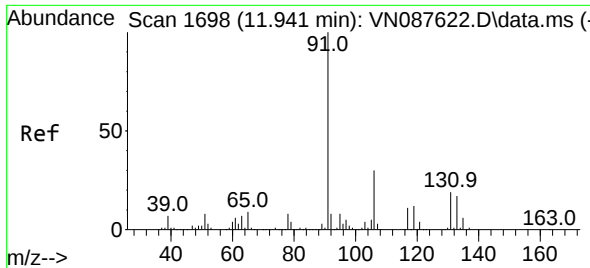


#66
1,1,1,2-Tetrachloroethane
Concen: 50.970 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



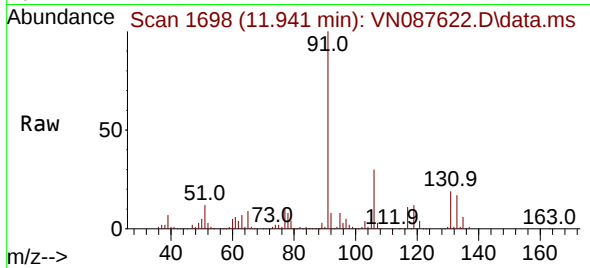
Tgt Ion:131 Resp: 184496
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 65.1 32.6 97.7





#67
Ethyl Benzene
Concen: 49.767 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

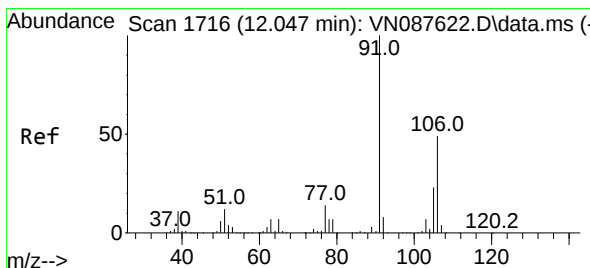
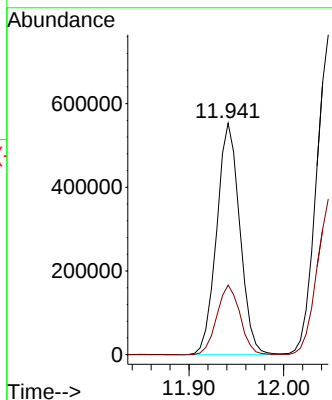
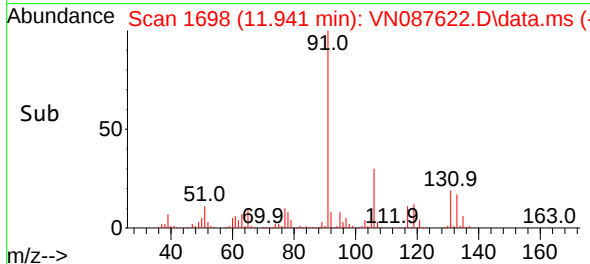
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



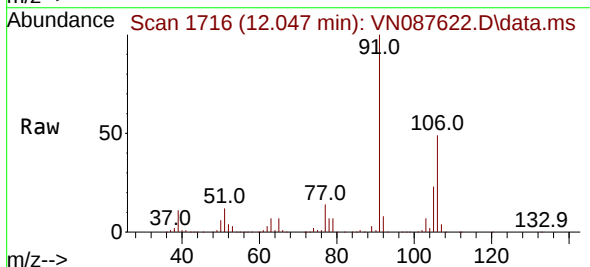
Tgt Ion: 91 Resp: 939520
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1

Manual Integrations
APPROVED

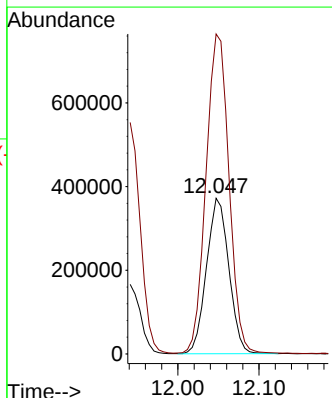
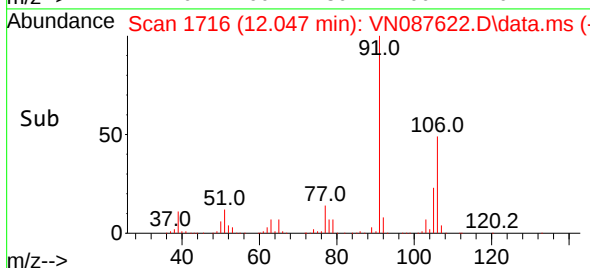
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

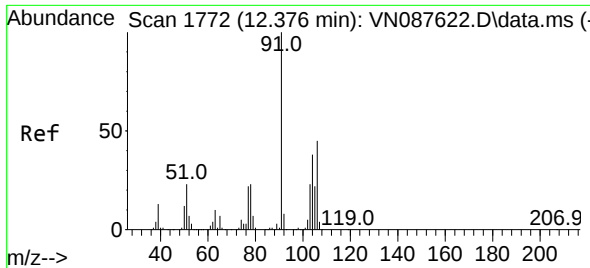


#68
m/p-Xylenes
Concen: 102.820 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



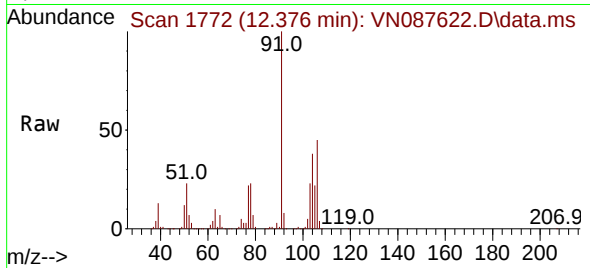
Tgt Ion:106 Resp: 711871
Ion Ratio Lower Upper
106 100
91 211.6 169.3 253.9





#69
o-Xylene
Concen: 51.386 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

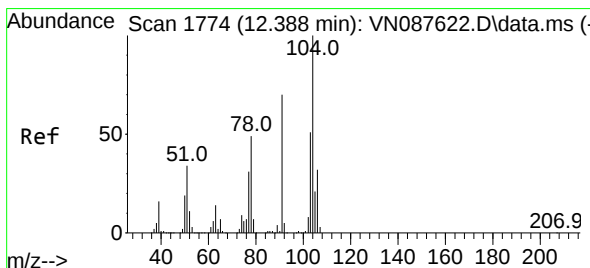
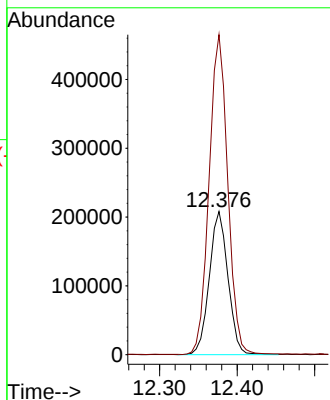
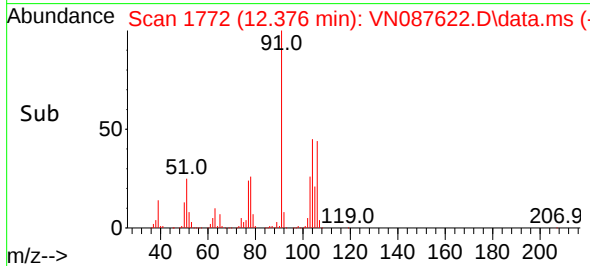
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 348658
Ion Ratio Lower Upper
106 100
91 222.8 111.4 334.2

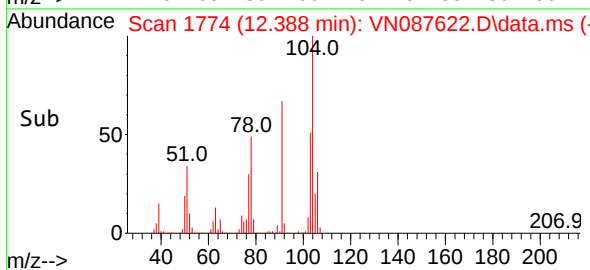
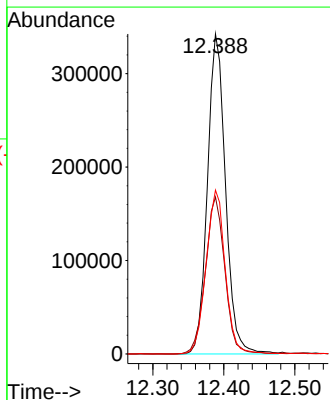
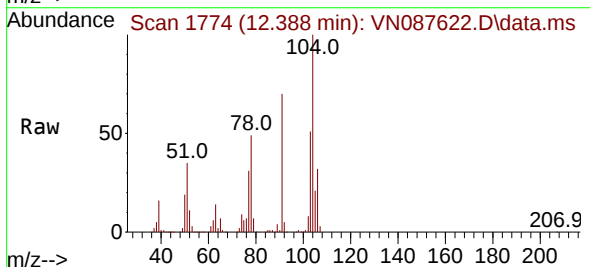
Manual Integrations
APPROVED

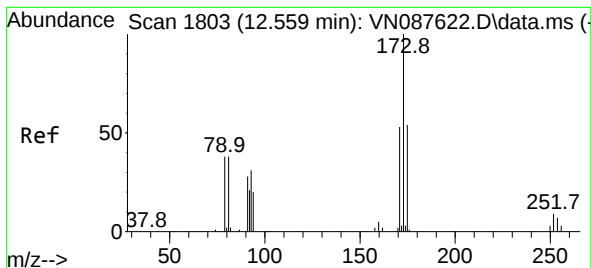
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#70
Styrene
Concen: 53.277 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

Tgt Ion:104 Resp: 605599
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.2
103 54.3 43.4 65.2





#71

Bromoform

Concen: 50.575 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 140399

Ion Ratio Lower Upper

173 100

175 49.7 24.9 74.6

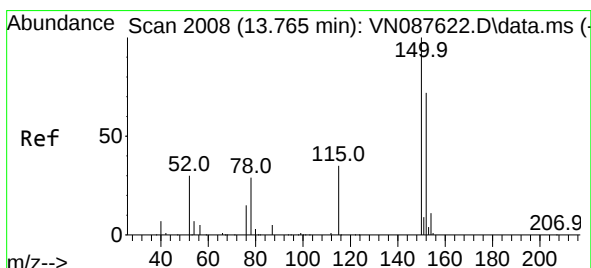
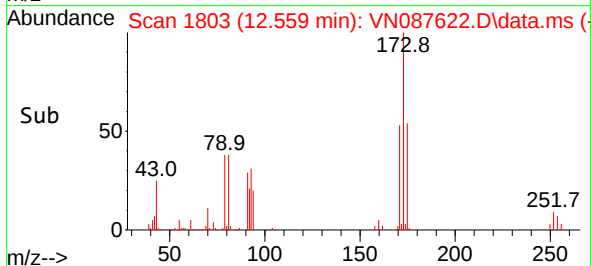
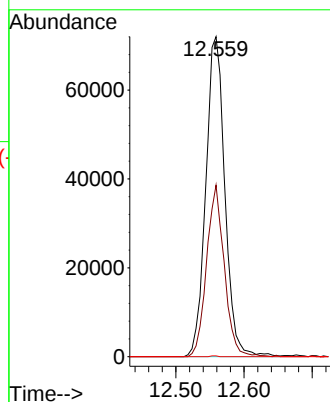
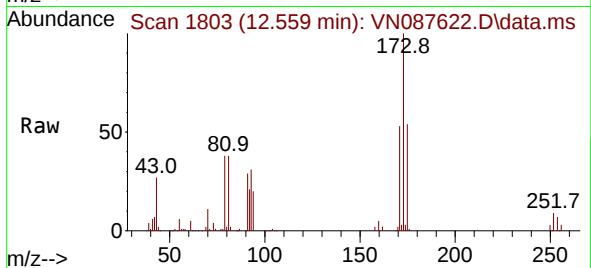
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.765 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

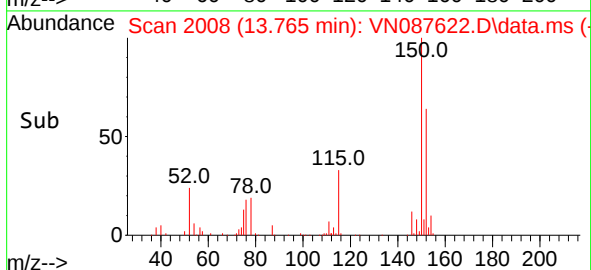
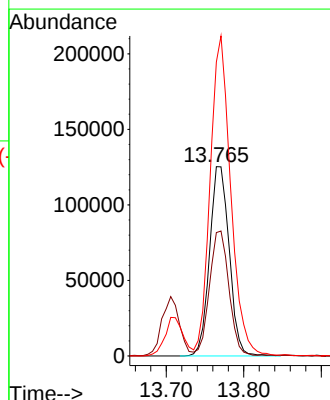
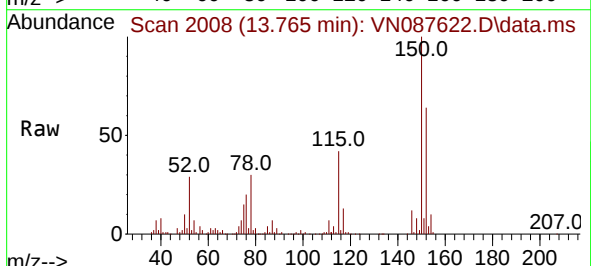
Tgt Ion:152 Resp: 220862

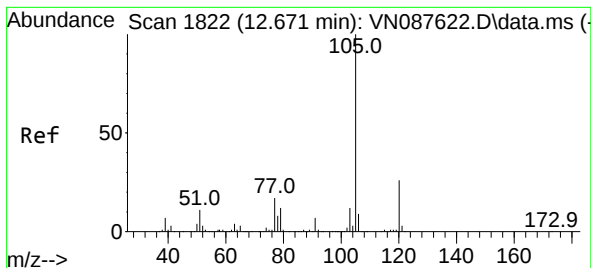
Ion Ratio Lower Upper

152 100

115 64.5 32.3 96.8

150 175.5 0.0 351.0





#73

Isopropylbenzene

Concen: 49.821 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 88916

Ion Ratio Lower Upper

105 100

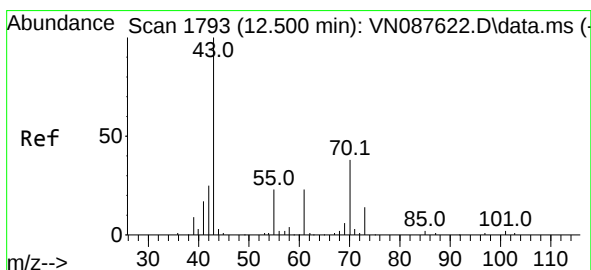
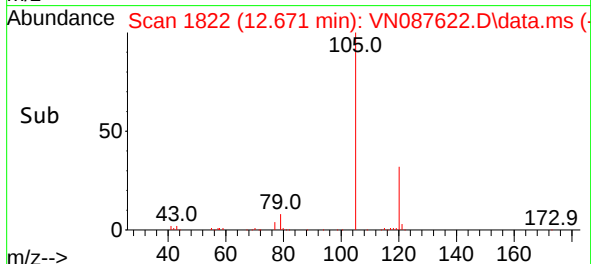
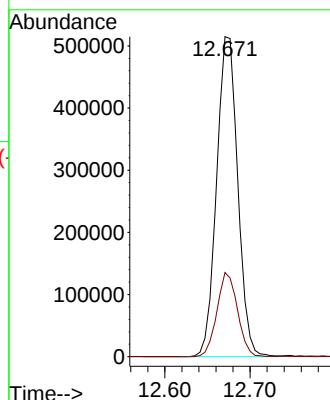
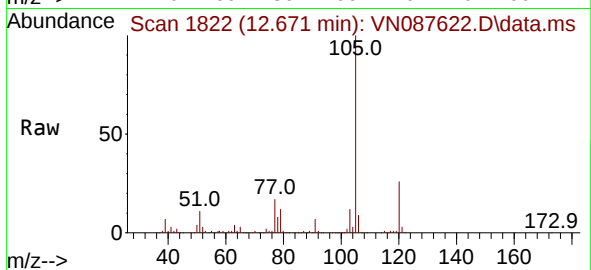
120 25.5 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#74

N-ethyl acetate

Concen: 50.016 ug/l m

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

Tgt Ion: 43 Resp: 343435

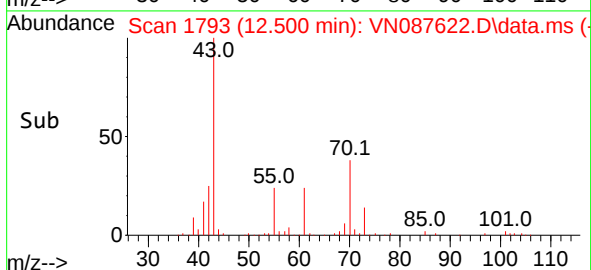
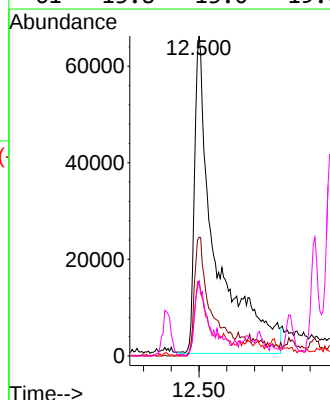
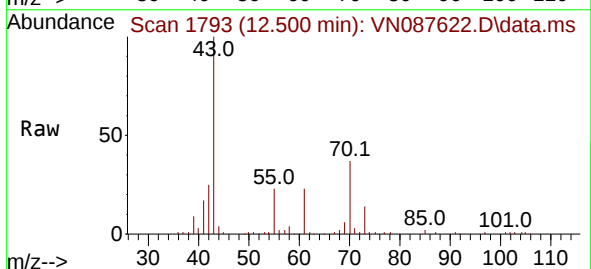
Ion Ratio Lower Upper

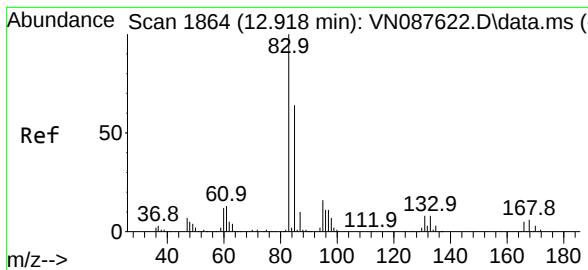
43 100

70 29.2 27.6 41.4

55 13.7 13.0 19.6

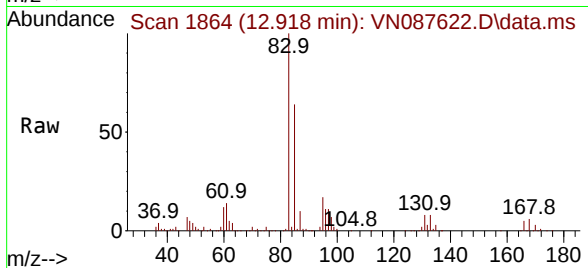
61 13.8 13.0 19.6





#75
1,1,2,2-Tetrachloroethane
Concen: 48.990 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

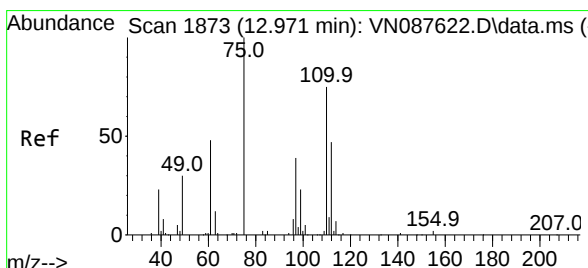
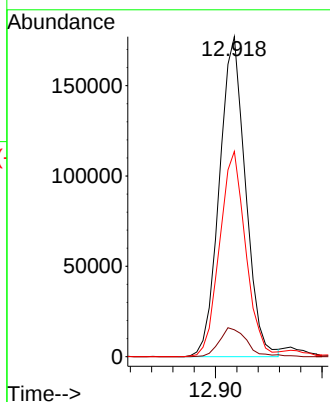
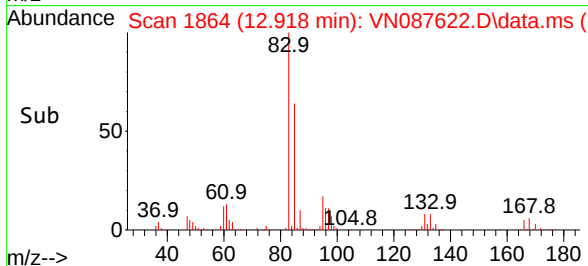
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



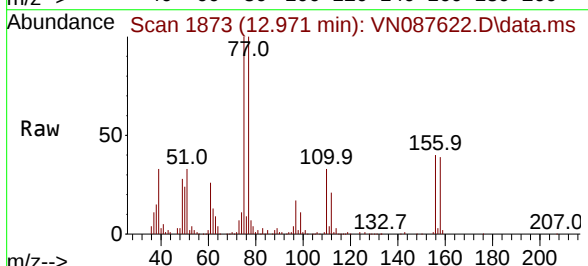
Tgt Ion: 83 Resp: 301018
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.2 32.1 96.3

Manual Integrations
APPROVED

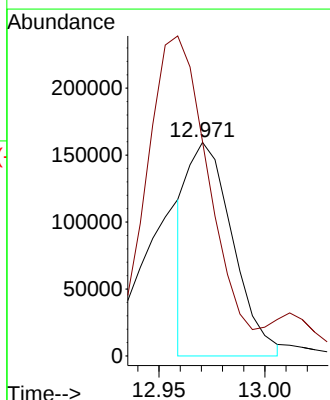
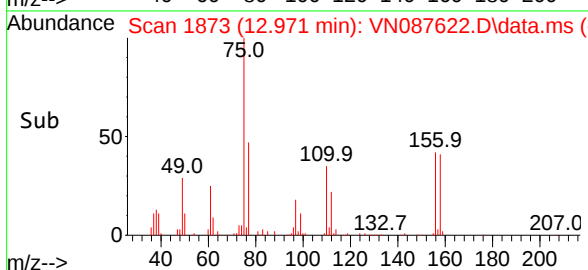
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

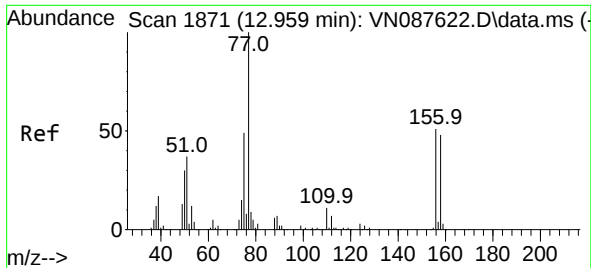


#76
1,2,3-Trichloropropane
Concen: 45.626 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



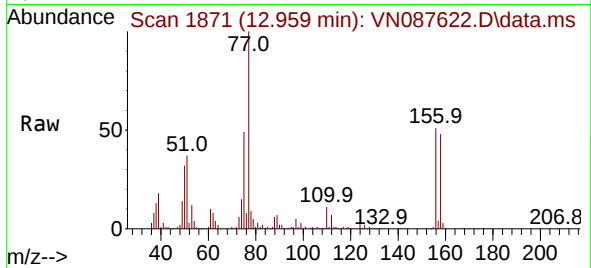
Tgt Ion: 75 Resp: 236877
Ion Ratio Lower Upper
75 100
77 209.4 89.1 267.4





#77
Bromobenzene
Concen: 49.379 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

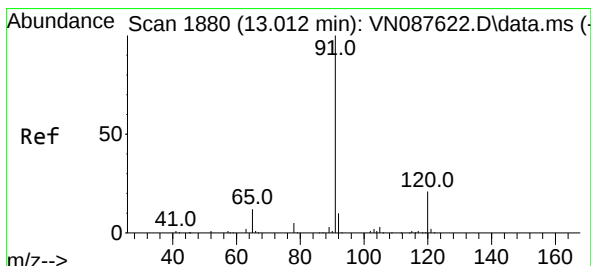
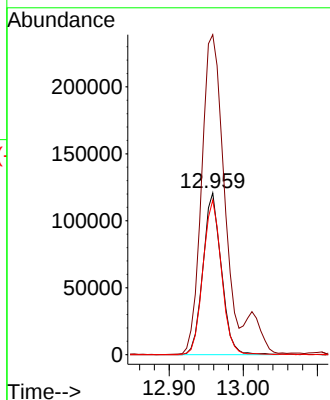
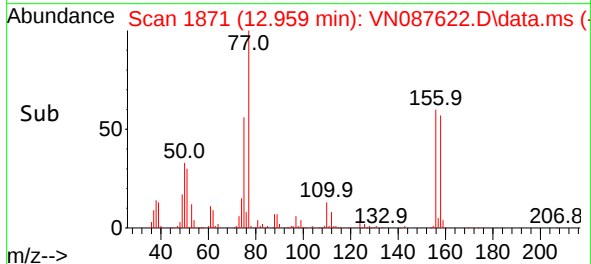
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 207789
Ion Ratio Lower Upper
156 100
77 238.7 119.3 358.0
158 96.4 48.2 144.6

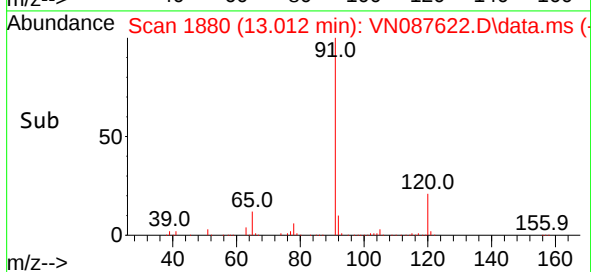
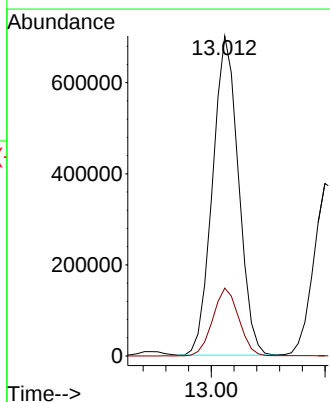
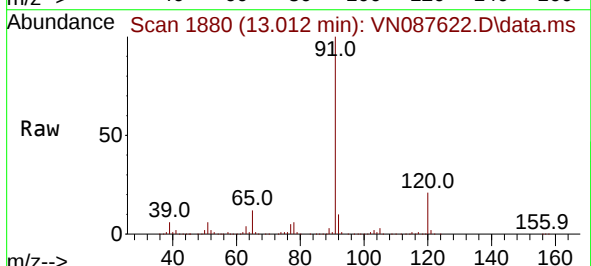
Manual Integrations
APPROVED

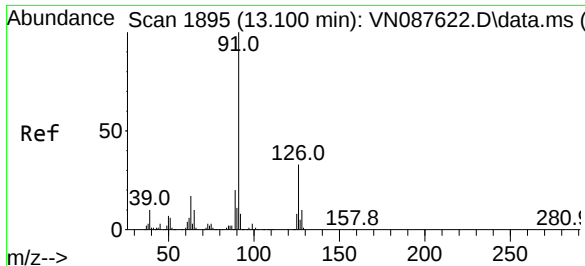
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#78
n-propylbenzene
Concen: 50.472 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

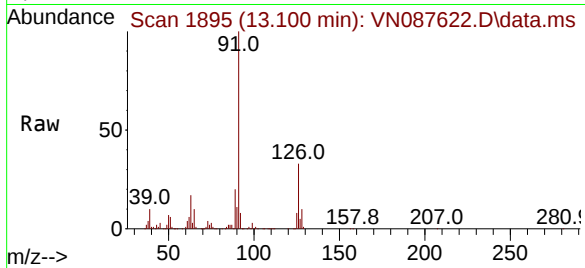
Tgt Ion: 91 Resp: 1109533
Ion Ratio Lower Upper
91 100
120 21.4 10.7 32.1





#79
2-Chlorotoluene
Concen: 49.679 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

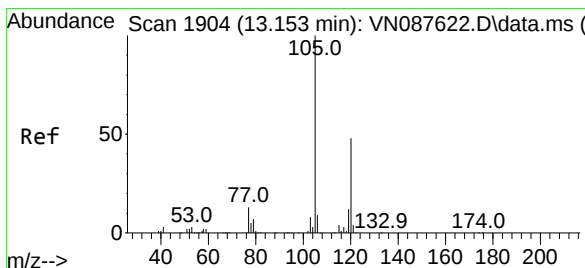
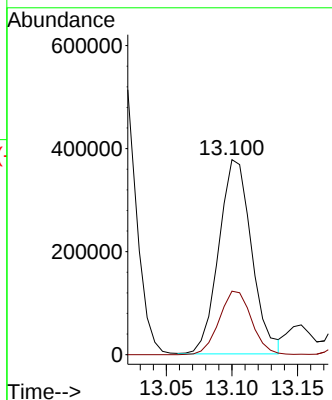
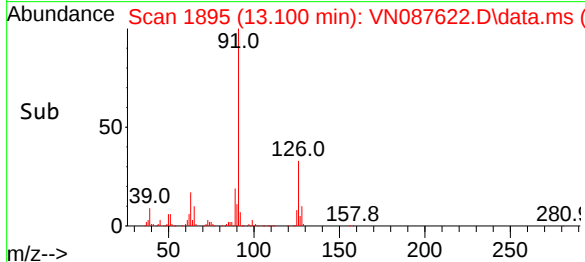
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



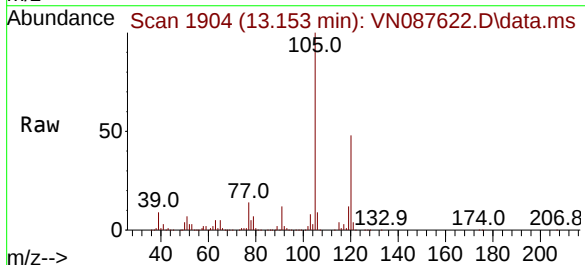
Tgt Ion: 91 Resp: 657210
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.3

Manual Integrations
APPROVED

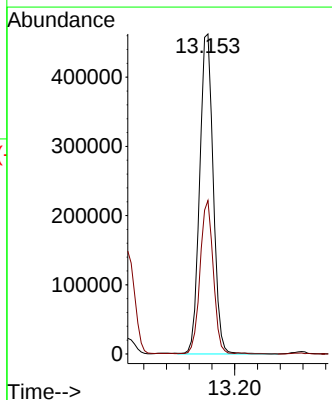
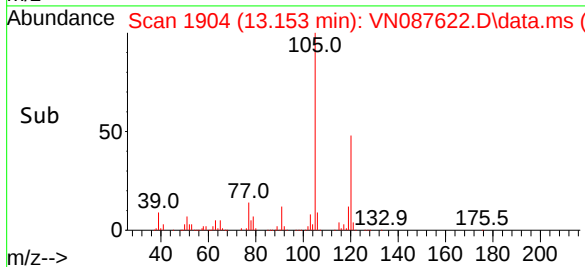
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

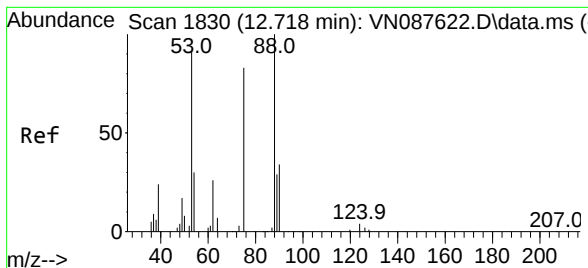


#80
1,3,5-Trimethylbenzene
Concen: 50.642 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



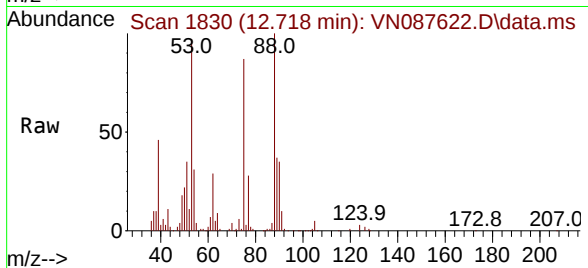
Tgt Ion:105 Resp: 766722
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.885 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

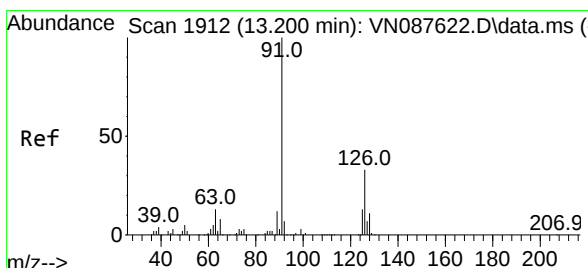
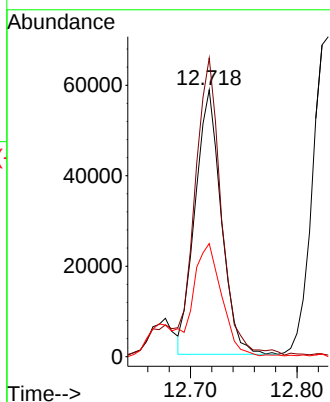
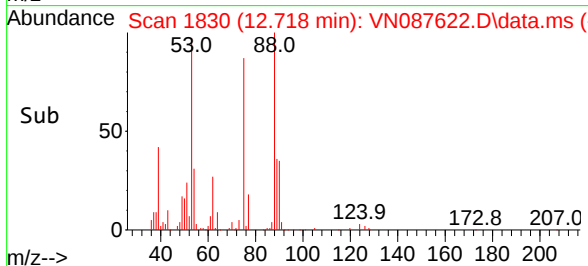
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 9955
Ion Ratio Lower Upper
75 100
53 127.2 101.8 152.6
89 44.5 35.6 53.4

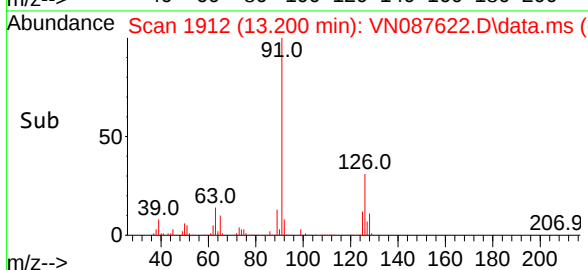
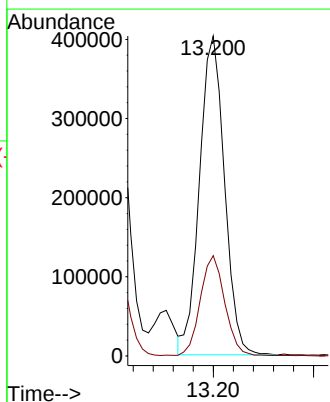
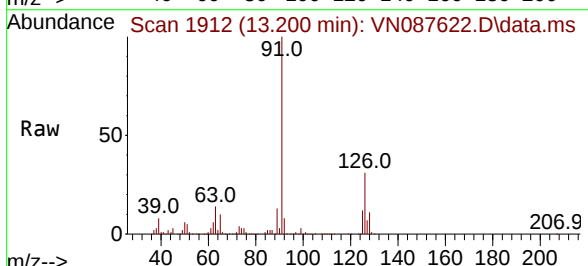
Manual Integrations
APPROVED

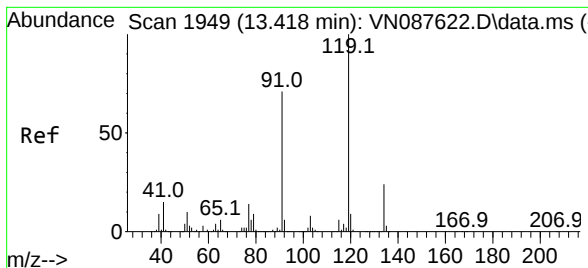
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#82
4-Chlorotoluene
Concen: 50.059 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

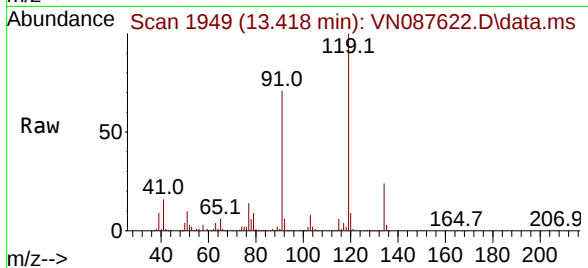
Tgt Ion: 91 Resp: 696270
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8





#83
 tert-Butylbenzene
 Concen: 50.955 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087622.D
 Acq: 21 Aug 2025 14:02

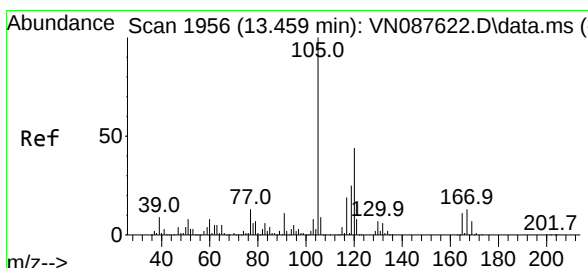
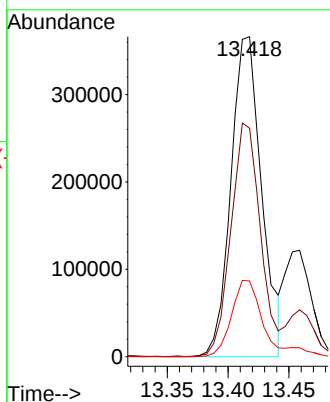
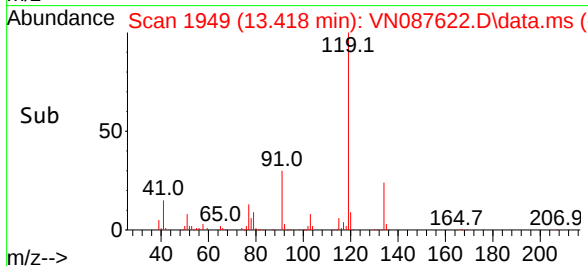
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



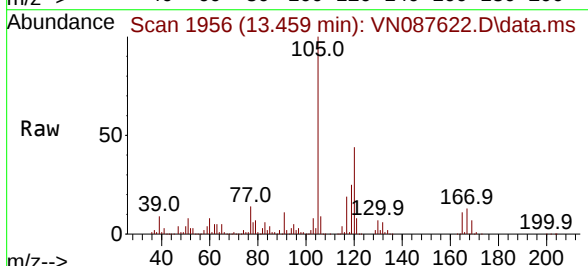
Tgt Ion:119 Resp: 642869
 Ion Ratio Lower Upper
 119 100
 91 70.0 35.0 105.0
 134 25.2 12.6 37.8

Manual Integrations
 APPROVED

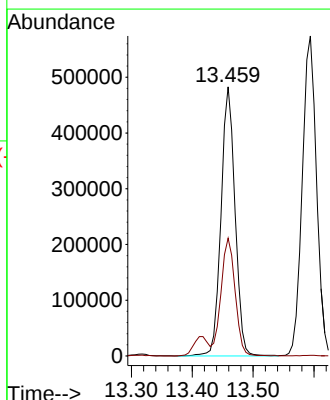
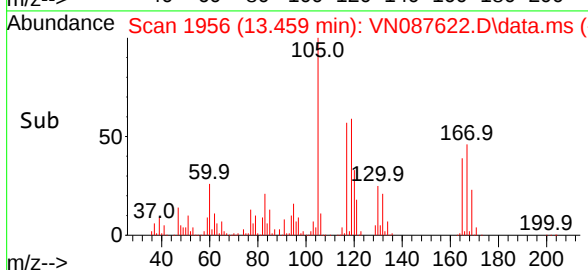
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

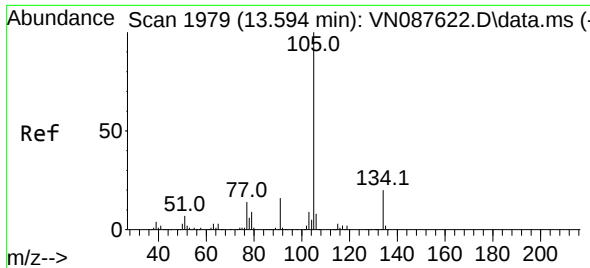


#84
 1,2,4-Trimethylbenzene
 Concen: 50.948 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087622.D
 Acq: 21 Aug 2025 14:02



Tgt Ion:105 Resp: 772176
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0





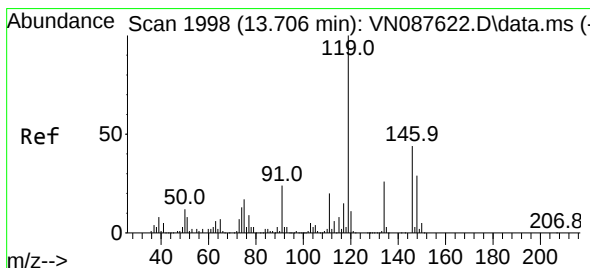
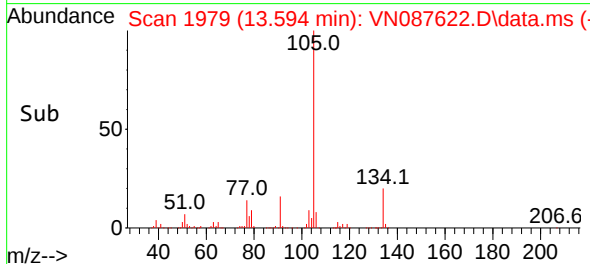
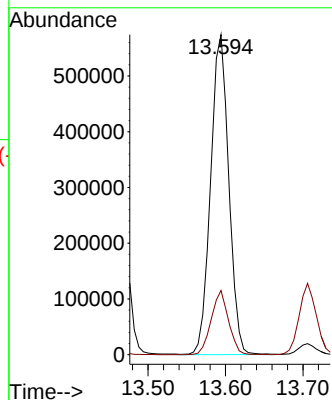
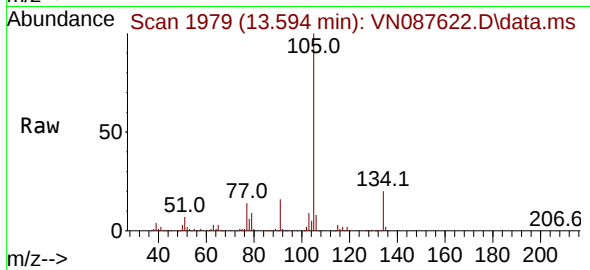
#85
 sec-Butylbenzene
 Concen: 49.838 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087622.D
 Acq: 21 Aug 2025 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 93310
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

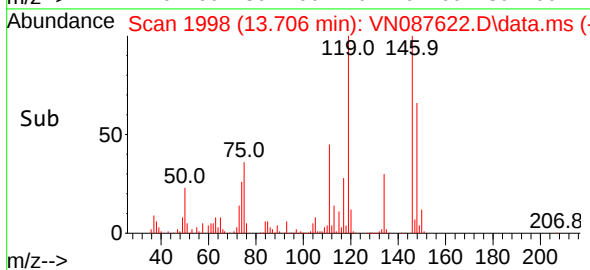
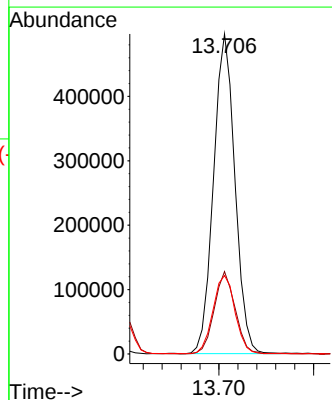
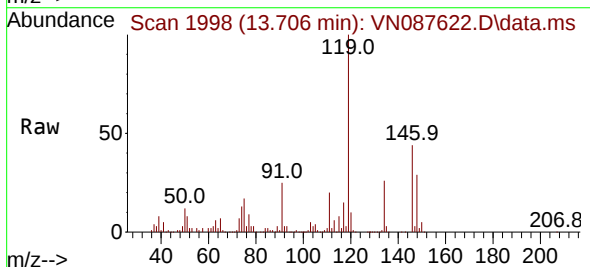
Manual Integrations
 APPROVED

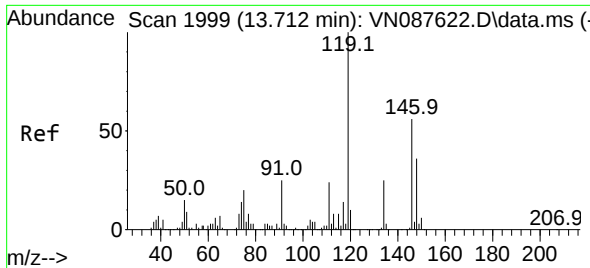
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#86
 p-Isopropyltoluene
 Concen: 50.430 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087622.D
 Acq: 21 Aug 2025 14:02

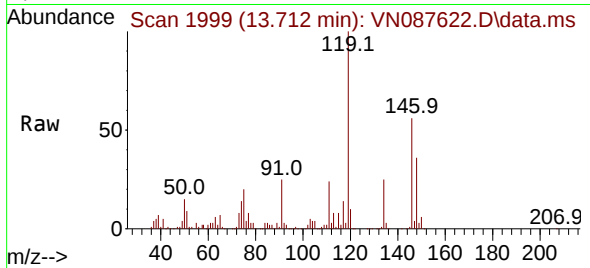
Tgt Ion:119 Resp: 779657
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.0
 91 25.0 12.5 37.5





#87
 1,3-Dichlorobenzene
 Concen: 48.688 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087622.D
 Acq: 21 Aug 2025 14:02

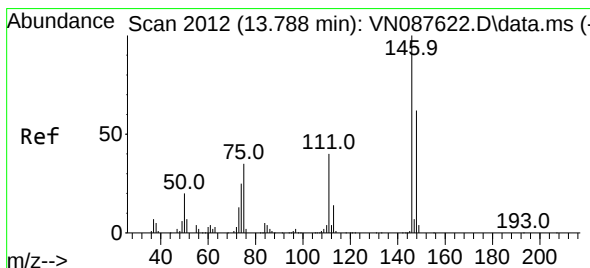
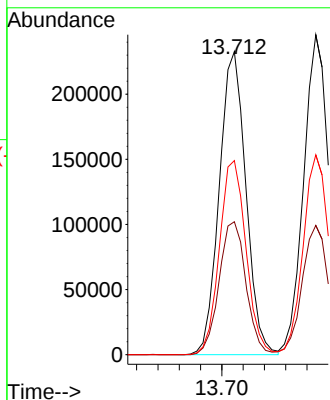
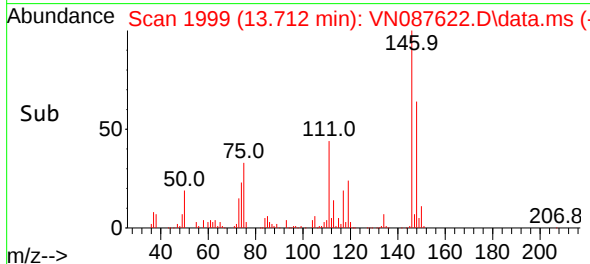
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



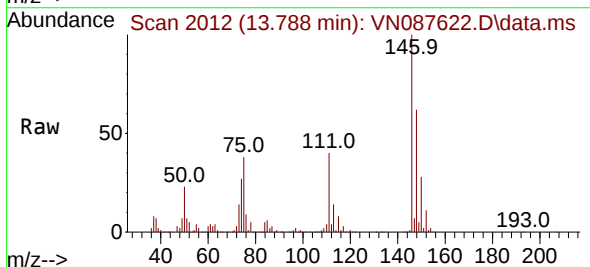
Tgt Ion:146 Resp: 403460
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.1 66.5
 148 64.1 32.0 96.2

Manual Integrations
 APPROVED

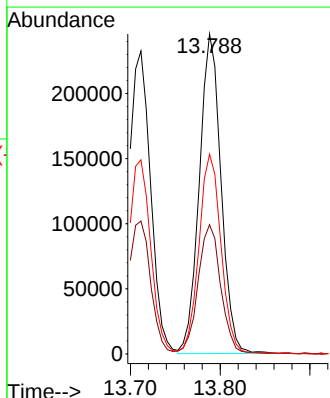
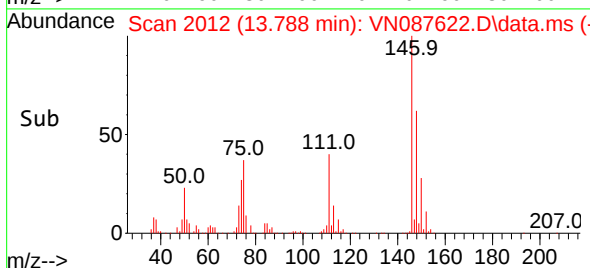
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

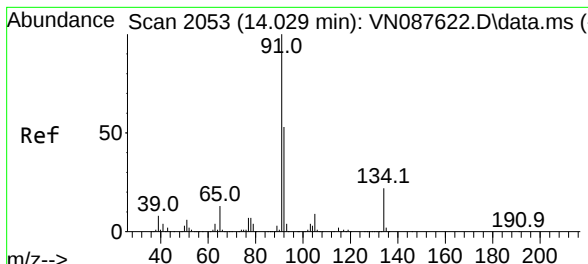


#88
 1,4-Dichlorobenzene
 Concen: 47.815 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087622.D
 Acq: 21 Aug 2025 14:02



Tgt Ion:146 Resp: 412346
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.0 63.0
 148 64.0 32.0 96.0





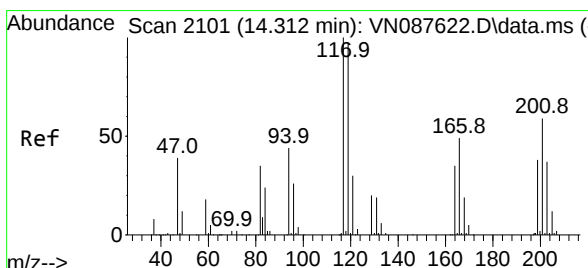
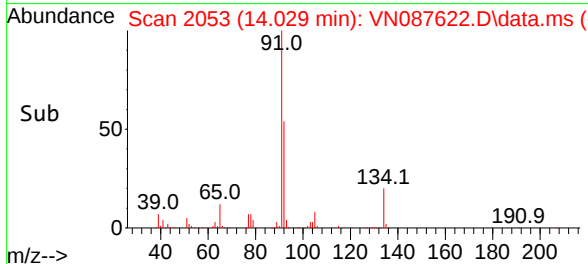
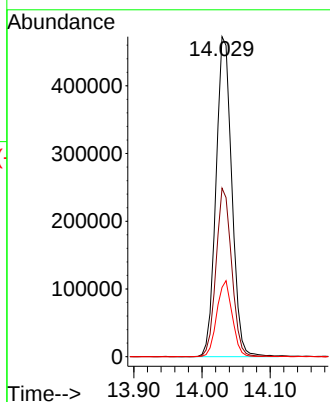
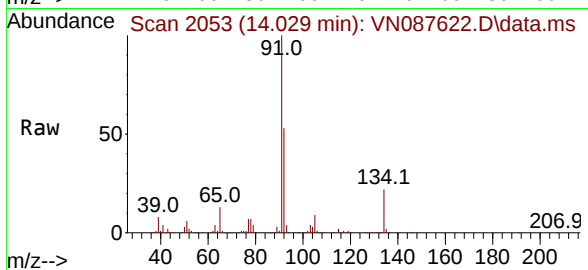
#89
n-Butylbenzene
Concen: 49.789 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 76448
Ion Ratio Lower Upper
91 100
92 51.9 25.9 77.8
134 23.3 11.7 35.0

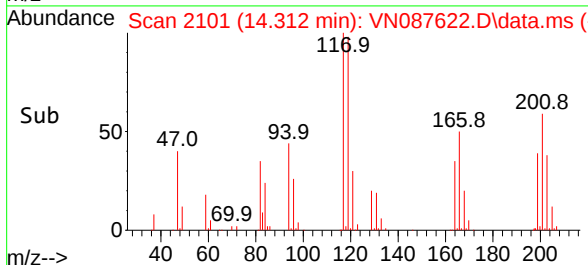
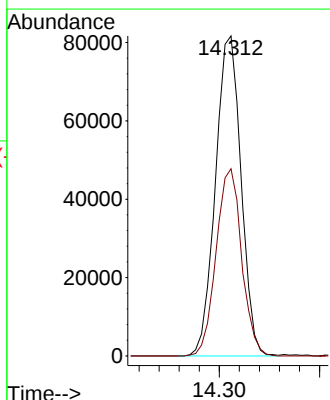
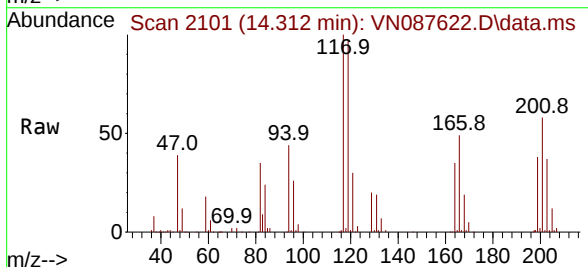
Manual Integrations
APPROVED

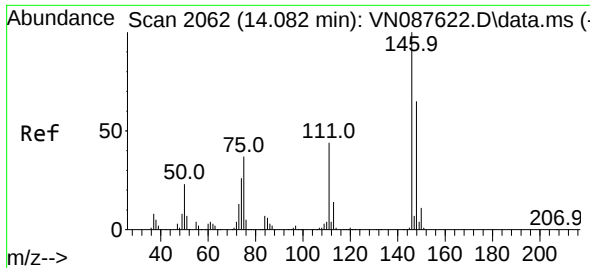
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#90
Hexachloroethane
Concen: 49.105 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

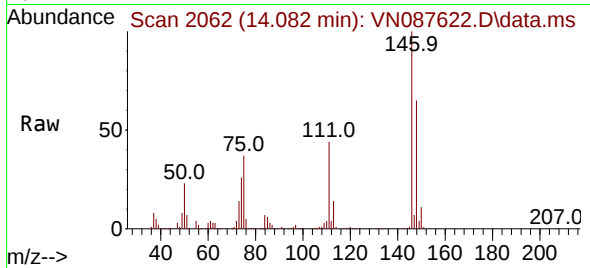
Tgt Ion:117 Resp: 144635
Ion Ratio Lower Upper
117 100
201 58.3 29.1 87.4





#91
1,2-Dichlorobenzene
Concen: 49.303 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

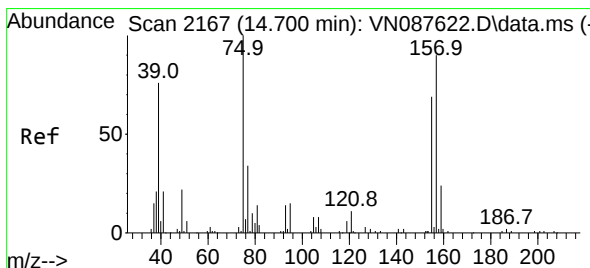
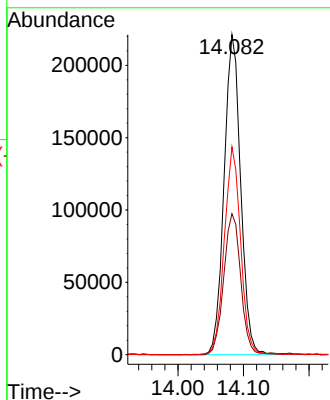
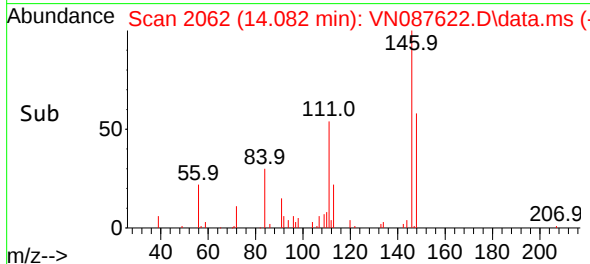
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



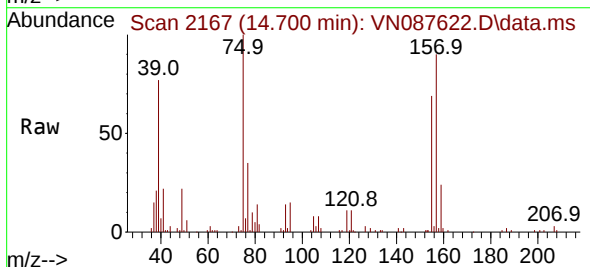
Tgt Ion:146 Resp: 387612
Ion Ratio Lower Upper
146 100
111 45.2 22.6 67.8
148 63.9 31.9 95.9

Manual Integrations
APPROVED

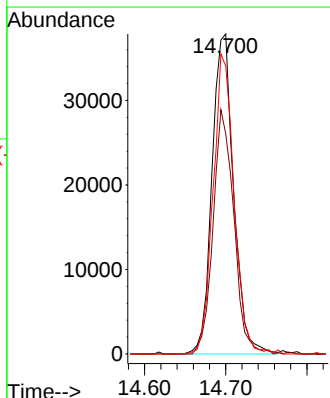
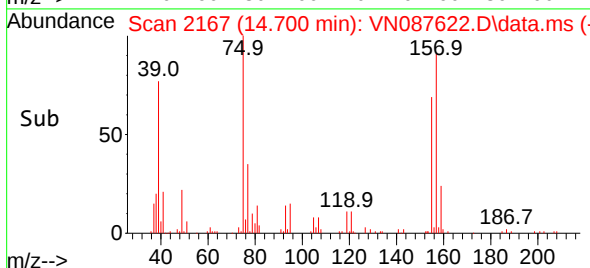
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

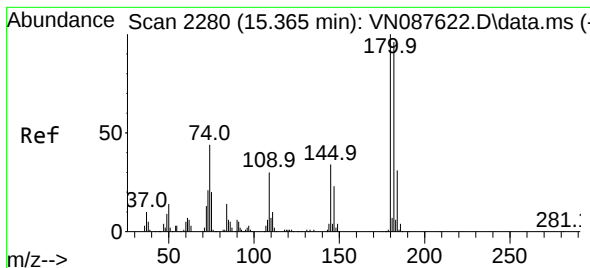


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.997 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



Tgt Ion: 75 Resp: 70059
Ion Ratio Lower Upper
75 100
155 73.3 36.6 109.9
157 91.3 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 47.995 ug/l

RT: 15.365 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 226580

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

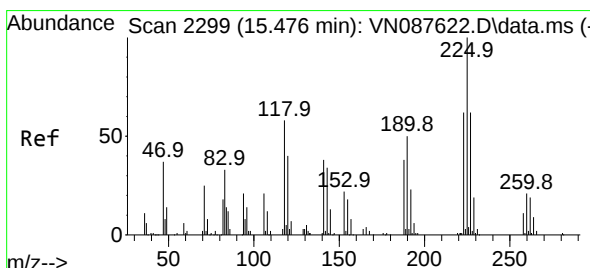
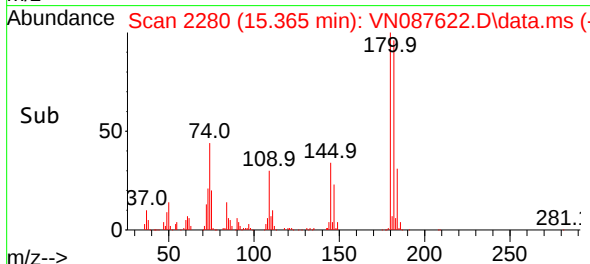
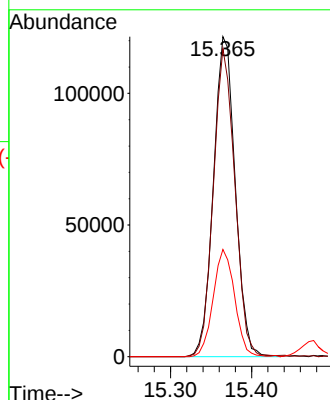
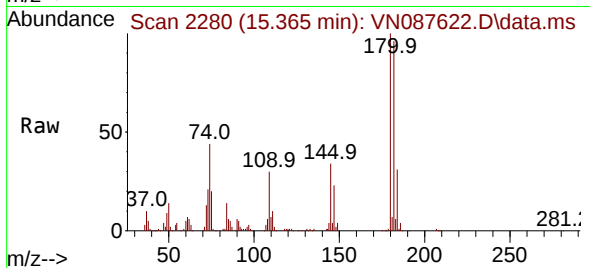
145 33.0 16.5 49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#94

Hexachlorobutadiene

Concen: 46.597 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087622.D

Acq: 21 Aug 2025 14:02

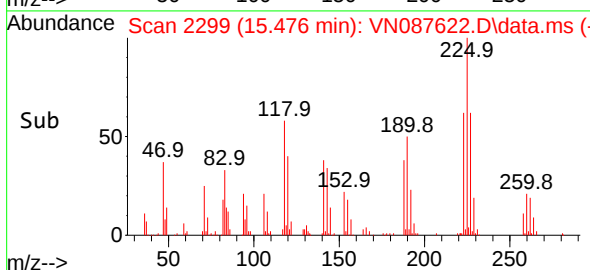
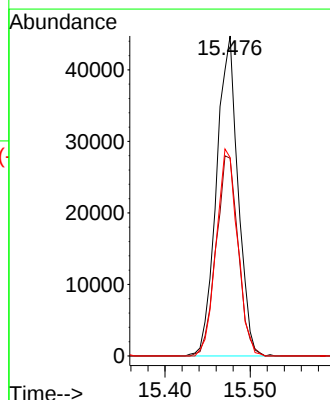
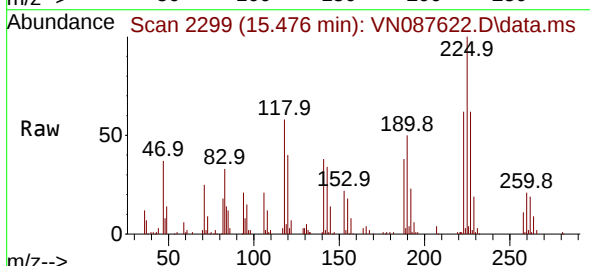
Tgt Ion:225 Resp: 78424

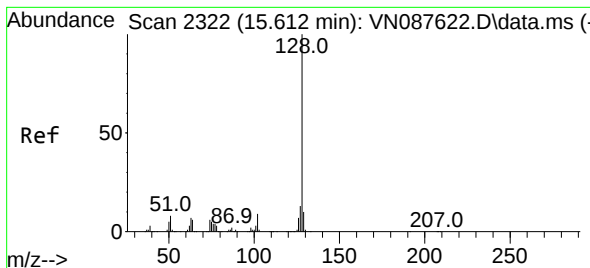
Ion Ratio Lower Upper

225 100

223 64.1 32.0 96.2

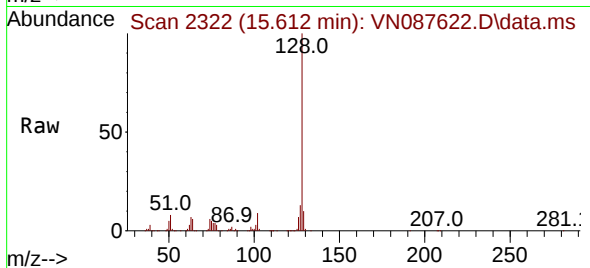
227 64.3 32.1 96.5





#95
Naphthalene
Concen: 49.583 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02

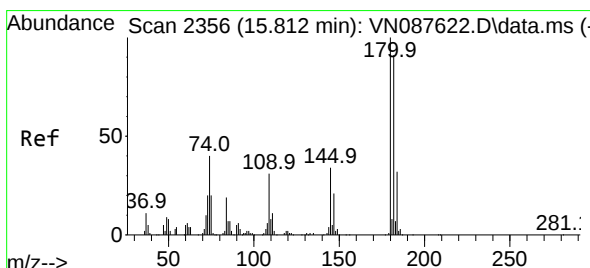
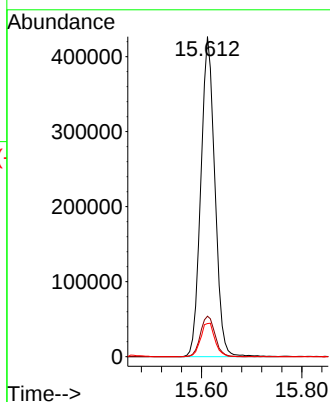
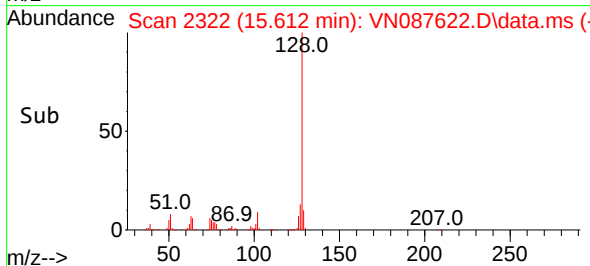
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



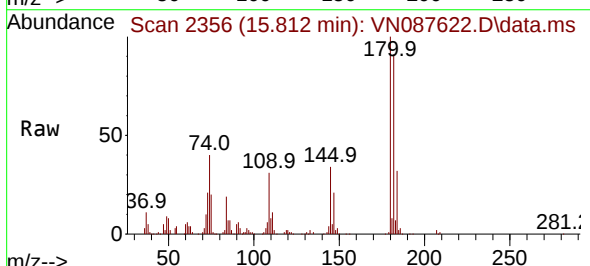
Tgt Ion:128 Resp: 82910
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.148 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087622.D
Acq: 21 Aug 2025 14:02



Tgt Ion:180 Resp: 222211
Ion Ratio Lower Upper
180 100
182 93.5 46.8 140.3
145 34.7 17.3 52.0

