

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087201.D
 Acq On : 26 Jun 2025 17:57
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2025
 Supervised By : Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:21:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	179973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	318592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129085	49.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.680%		
35) Dibromofluoromethane	8.171	113	101177	49.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.240%		
50) Toluene-d8	10.565	98	415277	48.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.500%		
62) 4-Bromofluorobenzene	12.847	95	145372	49.179	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	111266	49.336	ug/l	100
3) Chloromethane	2.395	50	106871	48.531	ug/l	100
4) Vinyl Chloride	2.554	62	115299	48.454	ug/l	100
5) Bromomethane	2.989	94	56536	44.272	ug/l	100
6) Chloroethane	3.153	64	61452	49.422	ug/l	100
7) Trichlorofluoromethane	3.530	101	132745	46.848	ug/l	100
8) Diethyl Ether	3.983	74	69968	55.512	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.406	101	107311	53.673	ug/l	100
10) Methyl Iodide	4.618	142	96285	54.580	ug/l	100
11) Tert butyl alcohol	5.536	59	145226	254.486	ug/l	100
12) 1,1-Dichloroethene	4.365	96	108161	51.232	ug/l	100
13) Acrolein	4.200	56	120791	256.720	ug/l	100
14) Allyl chloride	5.047	41	173347	51.182	ug/l	100
15) Acrylonitrile	5.736	53	392743	263.838	ug/l	100
16) Acetone	4.442	43	321189	266.436	ug/l	100
17) Carbon Disulfide	4.736	76	322866	54.119	ug/l	100
18) Methyl Acetate	5.047	43	158866	50.859	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	375565	51.647	ug/l	100
20) Methylene Chloride	5.295	84	120848	53.655	ug/l	100
21) trans-1,2-Dichloroethene	5.806	96	116633	49.812	ug/l	100
22) Diisopropyl ether	6.683	45	379019	50.413	ug/l	100
23) Vinyl Acetate	6.618	43	1727085	256.885	ug/l	100
24) 1,1-Dichloroethane	6.583	63	221153	49.805	ug/l	100
25) 2-Butanone	7.488	43	526708	268.234	ug/l	100
26) 2,2-Dichloropropane	7.494	77	180527	51.145	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	139711	51.318	ug/l	100
28) Bromochloromethane	7.824	49	105661	54.129	ug/l	100
29) Tetrahydrofuran	7.847	42	346440	269.094	ug/l	100
30) Chloroform	7.971	83	212822	50.812	ug/l	100
31) Cyclohexane	8.265	56	202391	50.475	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	180086	50.046	ug/l	100
36) 1,1-Dichloropropene	8.383	75	158936	52.681	ug/l	100
37) Ethyl Acetate	7.571	43	201899	52.049	ug/l	100
38) Carbon Tetrachloride	8.371	117	153674	52.301	ug/l	100
39) Methylcyclohexane	9.606	83	181318	49.258	ug/l	100
40) Benzene	8.612	78	481570	51.661	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	106998	54.189	ug/l	100
42) 1,2-Dichloroethane	8.677	62	160021	52.804	ug/l	100
43) Isopropyl Acetate	8.694	43	308092	55.547	ug/l	100
44) Trichloroethene	9.353	130	110742	49.618	ug/l	100
45) 1,2-Dichloropropane	9.624	63	118878	49.475	ug/l	100
46) Dibromomethane	9.712	93	80704	49.563	ug/l	100
47) Bromodichloromethane	9.888	83	157006	48.010	ug/l	100
48) Methyl methacrylate	9.682	41	138847	51.778	ug/l	100
49) 1,4-Dioxane	9.700	88	43874	990.650	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	975334	249.359	ug/l	100
52) Toluene	10.629	92	307077	51.528	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	189006	51.833	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	196914	50.753	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	114712	50.896	ug/l	100
56) Ethyl methacrylate	10.877	69	193411	50.881	ug/l	100
57) 1,3-Dichloropropane	11.165	76	203630	51.138	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	519082	253.209	ug/l	100
59) 2-Hexanone	11.200	43	643004	260.586	ug/l	100
60) Dibromochloromethane	11.359	129	124477	50.783	ug/l	100
61) 1,2-Dibromoethane	11.471	107	122054	51.231	ug/l	100
64) Tetrachloroethene	11.100	164	92941	50.435	ug/l	100
65) Chlorobenzene	11.888	112	334493	50.087	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	107915	50.590	ug/l	100
67) Ethyl Benzene	11.959	91	583775	52.413	ug/l	100
68) m/p-Xylenes	12.071	106	447952	105.112	ug/l	100
69) o-Xylene	12.394	106	214373	55.335	ug/l	100
70) Styrene	12.406	104	368973	55.488	ug/l	100
71) Bromoform	12.576	173	83854	52.969	ug/l #	100
73) Isopropylbenzene	12.694	105	541193	52.275	ug/l	100
74) N-amyl acetate	12.512	43	180830	47.270	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	185309	49.697	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	177665m	49.382	ug/l	
77) Bromobenzene	12.976	156	127049	50.495	ug/l	100
78) n-propylbenzene	13.035	91	663853	52.062	ug/l	100
79) 2-Chlorotoluene	13.123	91	392529	49.451	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	449066	52.543	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	69451	45.683	ug/l	100
82) 4-Chlorotoluene	13.218	91	404012	51.055	ug/l	100
83) tert-Butylbenzene	13.435	119	385722	52.541	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	455006	52.467	ug/l	100
85) sec-Butylbenzene	13.612	105	564464	52.188	ug/l	100
86) p-Isopropyltoluene	13.723	119	467682	52.722	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	249573	49.293	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	256559	49.284	ug/l	100
89) n-Butylbenzene	14.053	91	427156	51.828	ug/l	100
90) Hexachloroethane	14.329	117	85610	49.870	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	238296	49.973	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	43332	50.908	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	136667	51.482	ug/l	100
94) Hexachlorobutadiene	15.494	225	41567	49.636	ug/l	100
95) Naphthalene	15.635	128	530845	52.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	133747	51.027	ug/l	100

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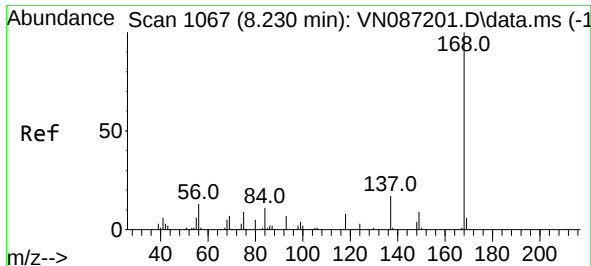
Manual Integrations
APPROVED

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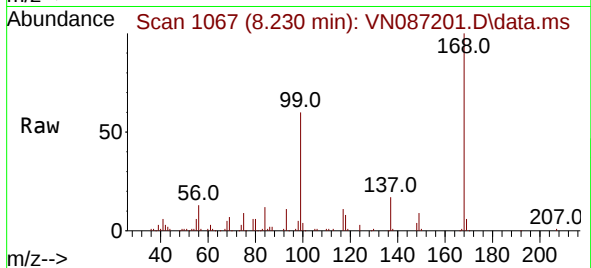
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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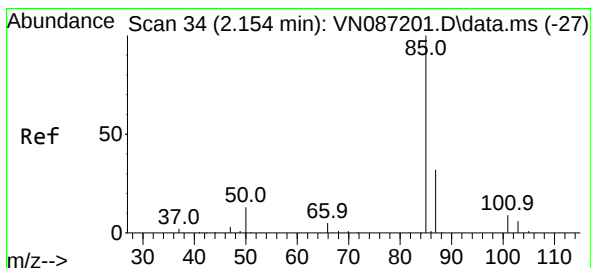
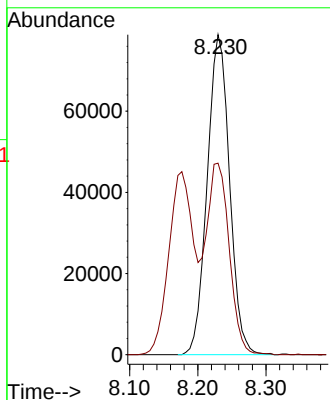
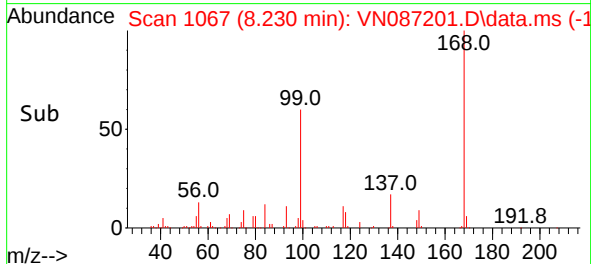
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 17997
Ion Ratio Lower Upper
168 100
99 59.9 47.9 71.9

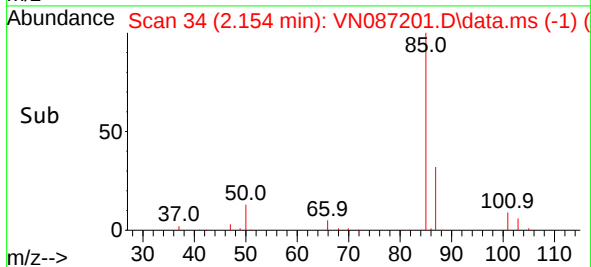
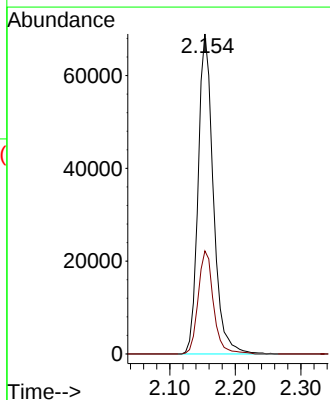
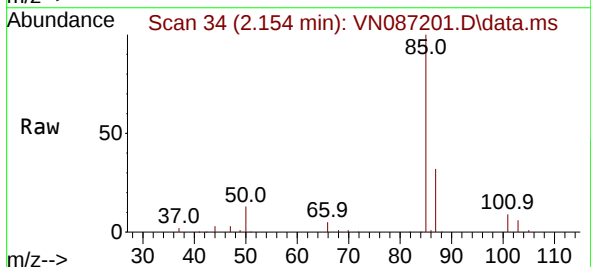
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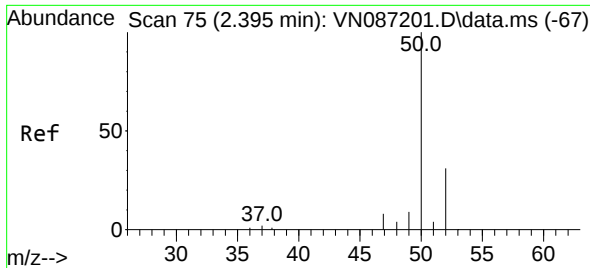
Reviewed By :John Carlone 06/27/2025
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#2
Dichlorodifluoromethane
Concen: 49.336 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Tgt Ion: 85 Resp: 111266
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.3





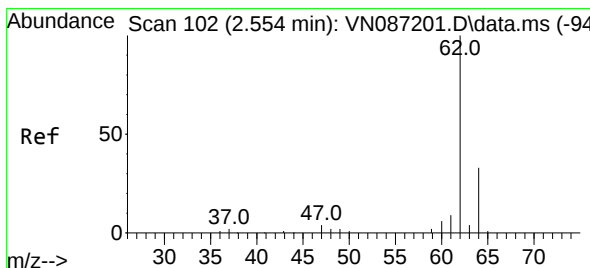
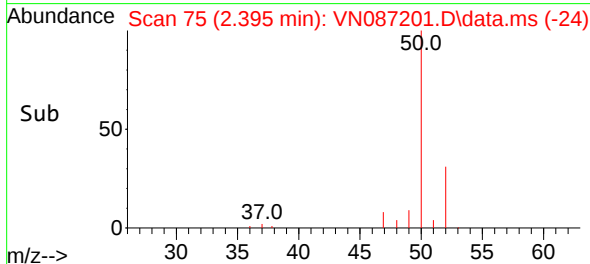
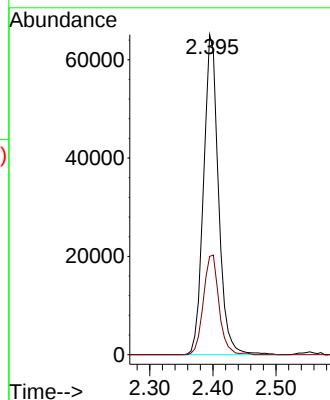
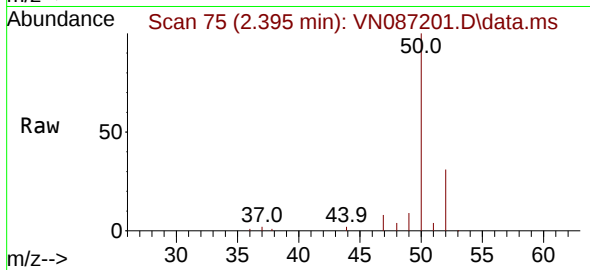
#3
Chloromethane
Concen: 48.531 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Instrument :
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Tgt Ion: 50 Resp: 10687
Ion Ratio Lower Upper
50 100
52 30.7 24.6 36.8

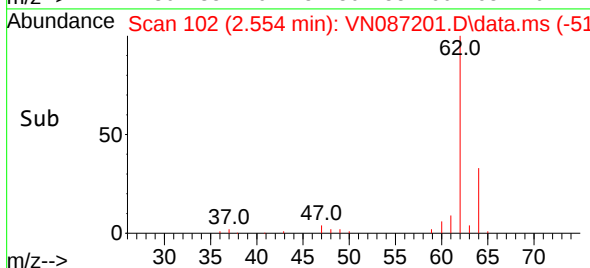
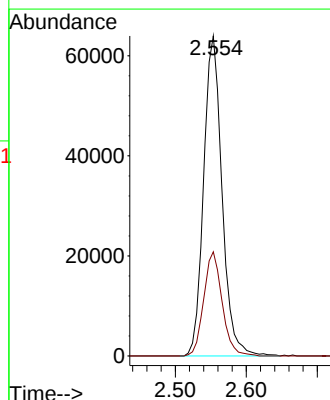
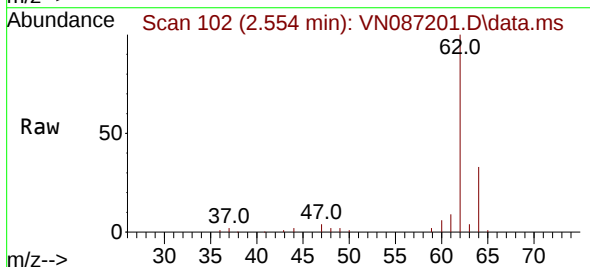
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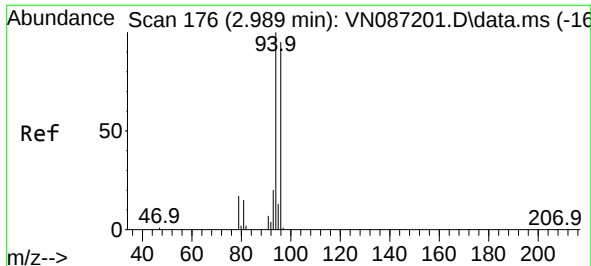
Reviewed By :John Carlone 06/27/2025
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#4
Vinyl Chloride
Concen: 48.454 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087201.D
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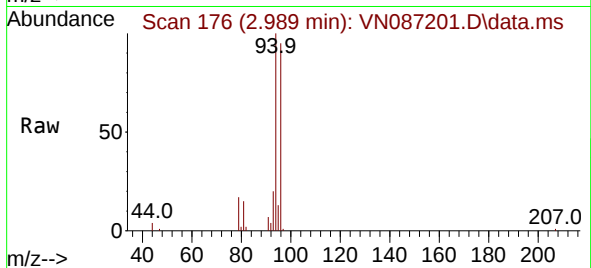
Tgt Ion: 62 Resp: 115299
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





#5
Bromomethane
Concen: 44.272 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.000 min
Lab File: VN087201.D
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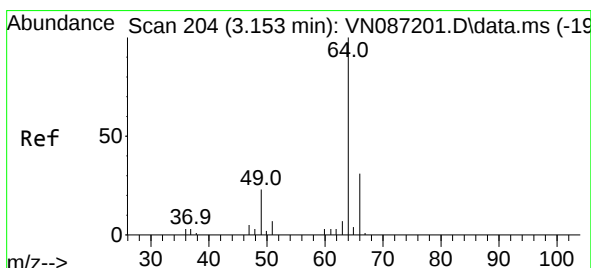
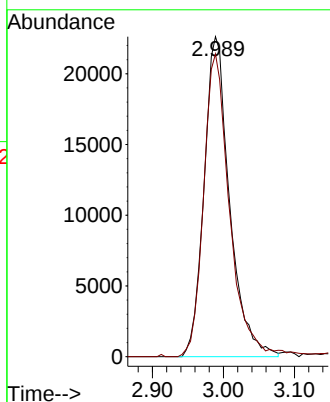
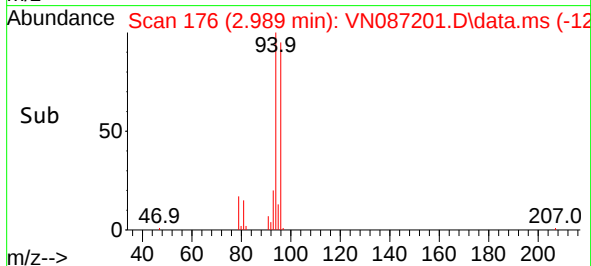
Instrument :
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Tgt Ion: 94 Resp: 56530
Ion Ratio Lower Upper
94 100
96 94.6 75.7 113.5

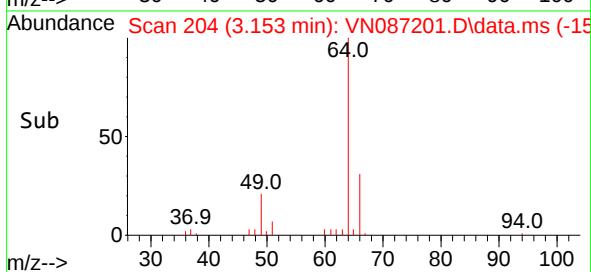
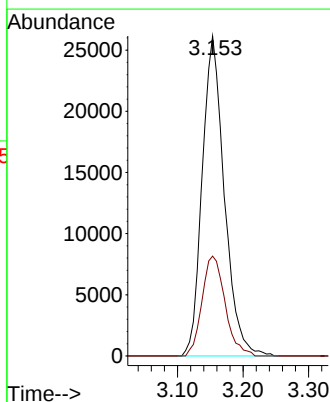
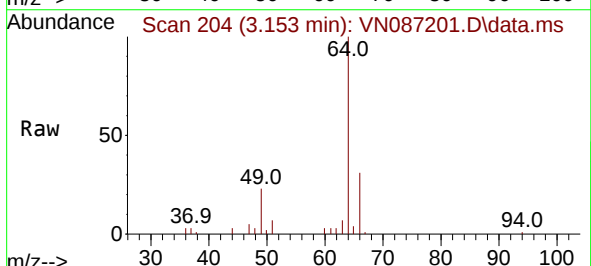
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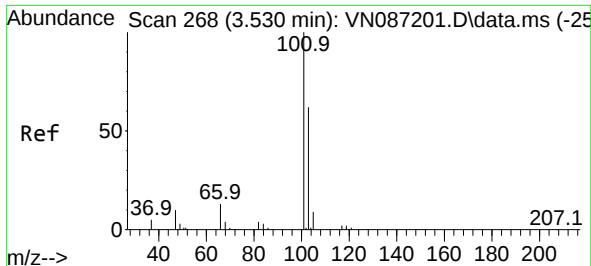
Reviewed By :John Carlone 06/27/2025
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#6
Chloroethane
Concen: 49.422 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Tgt Ion: 64 Resp: 61452
Ion Ratio Lower Upper
64 100
66 31.2 25.0 37.4





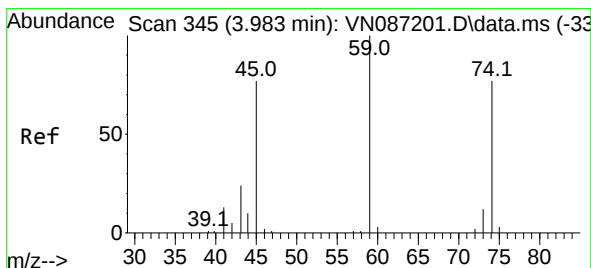
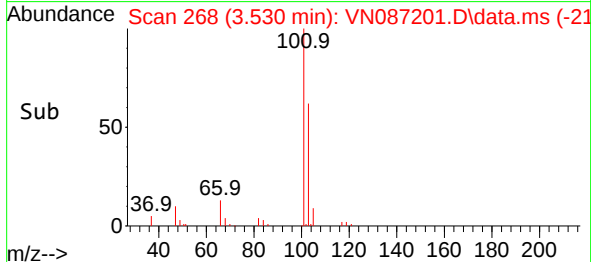
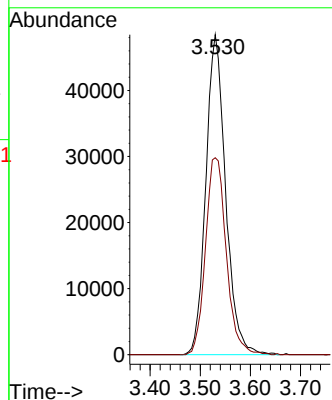
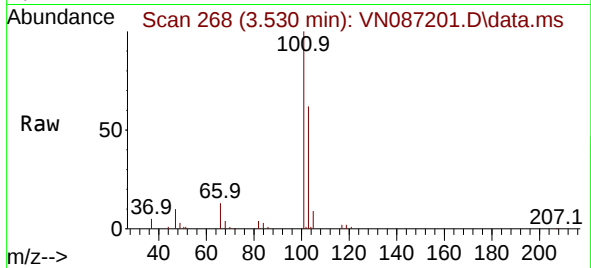
#7
 Trichlorofluoromethane
 Concen: 46.848 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087201.D
 Acq: 26 Jun 2025 17:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:101 Resp: 132745
 Ion Ratio Lower Upper
 101 100
 103 61.6 49.3 73.9

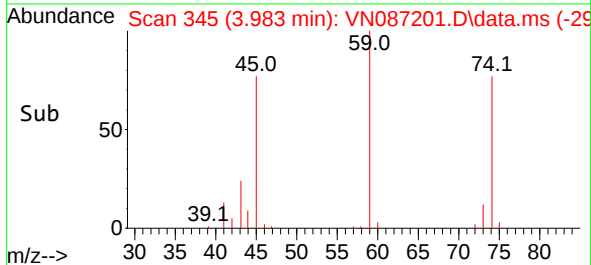
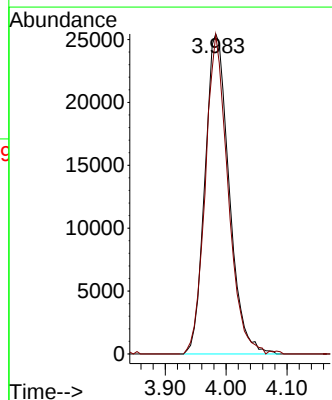
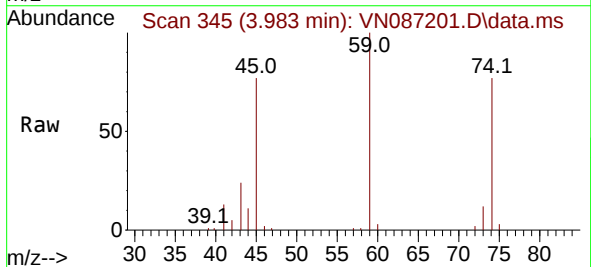
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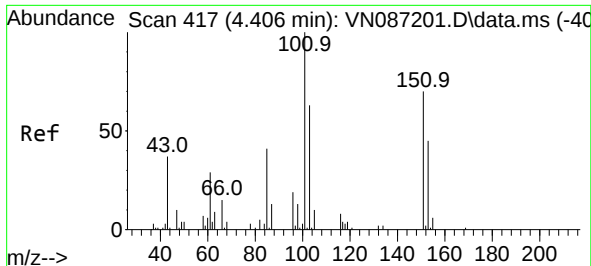
Reviewed By :John Carlone 06/27/2025
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#8
 Diethyl Ether
 Concen: 55.512 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087201.D
 Acq: 26 Jun 2025 17:57

Tgt Ion: 74 Resp: 69968
 Ion Ratio Lower Upper
 74 100
 45 94.1 47.0 141.2





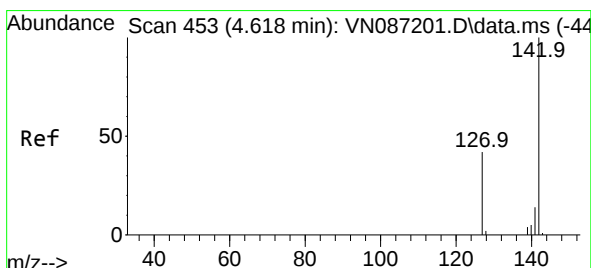
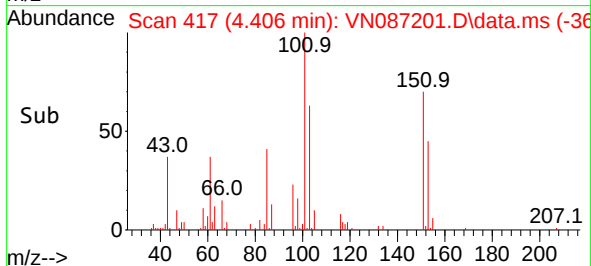
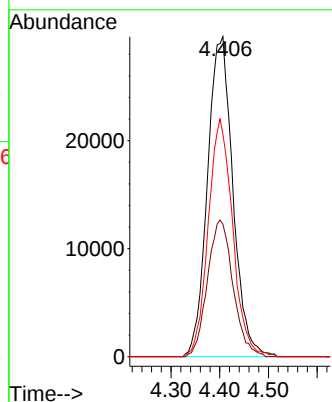
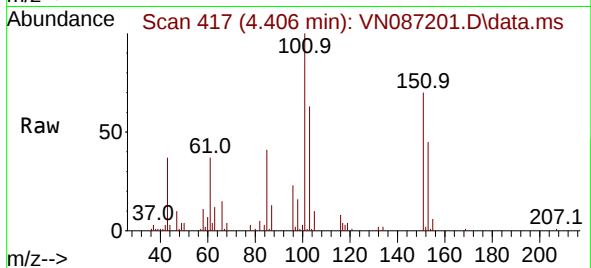
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.673 ug/l
RT: 4.406 min Scan# 417
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 10731
Ion Ratio Lower Upper
101 100
85 42.9 34.3 51.5
151 71.6 57.3 85.9

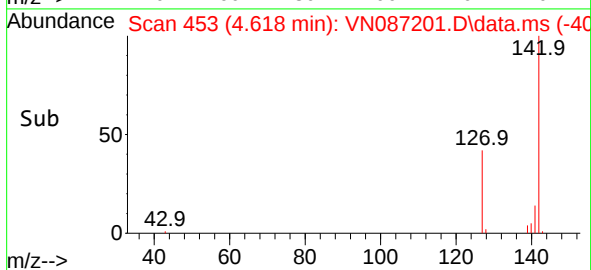
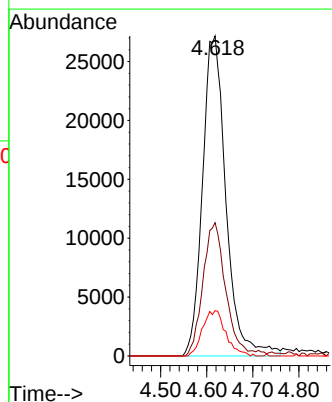
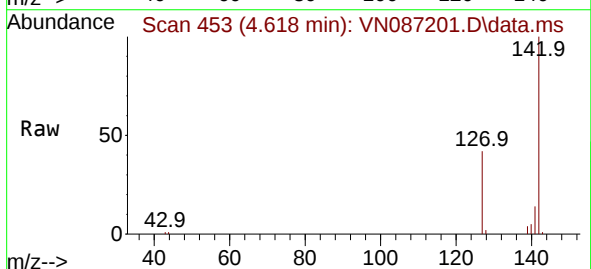
Manual Integrations
APPROVED

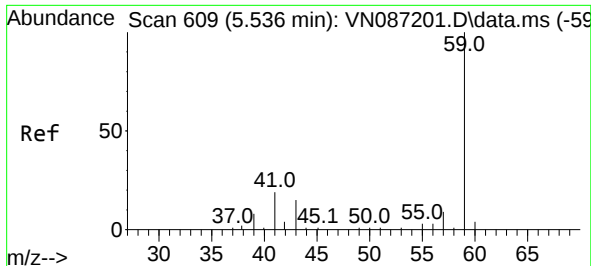
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#10
Methyl Iodide
Concen: 54.580 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

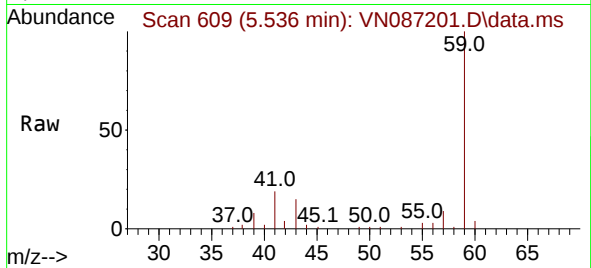
Tgt Ion:142 Resp: 96285
Ion Ratio Lower Upper
142 100
127 41.6 33.3 49.9
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 254.486 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

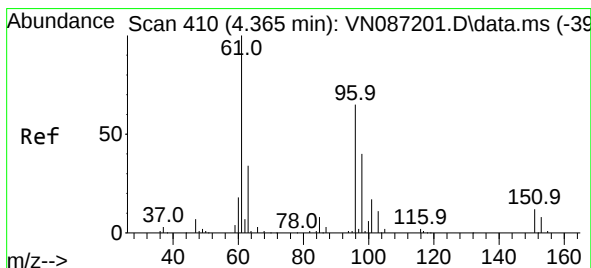
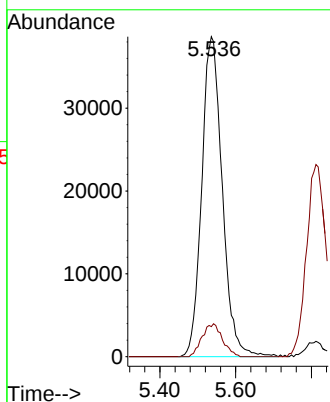
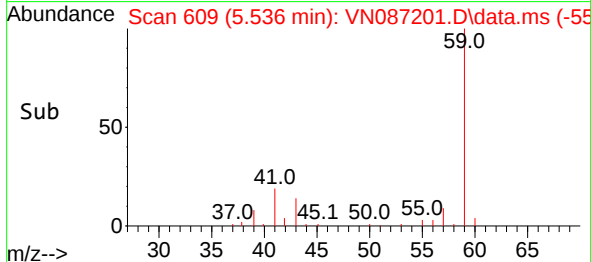
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



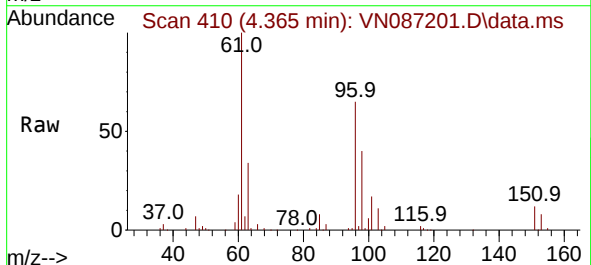
Tgt Ion: 59 Resp: 145220
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

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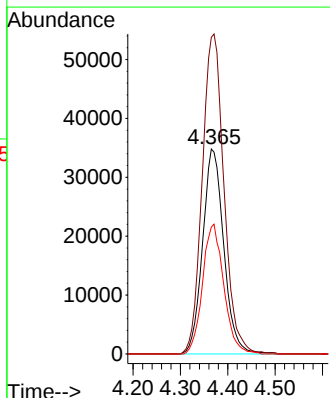
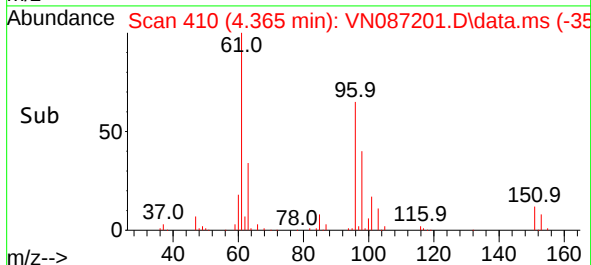
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

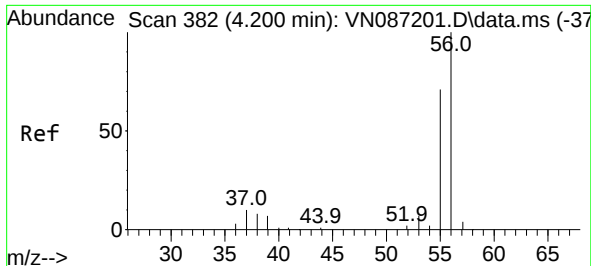


#12
1,1-Dichloroethene
Concen: 51.232 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



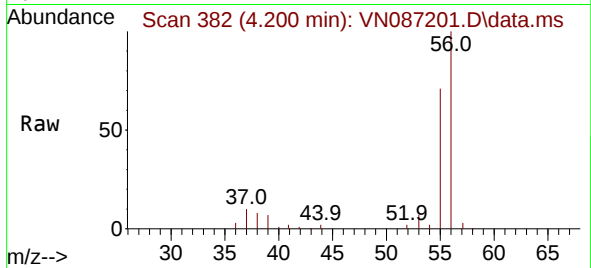
Tgt Ion: 96 Resp: 108161
Ion Ratio Lower Upper
96 100
61 154.4 123.5 185.3
98 61.9 49.5 74.3





#13
Acrolein
Concen: 256.720 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

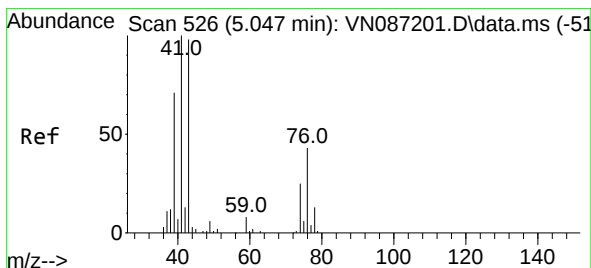
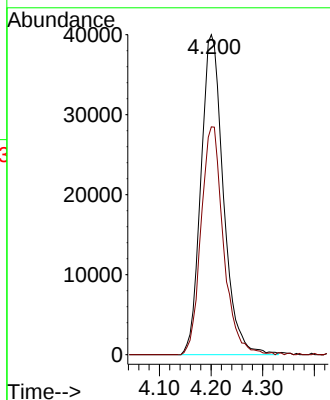
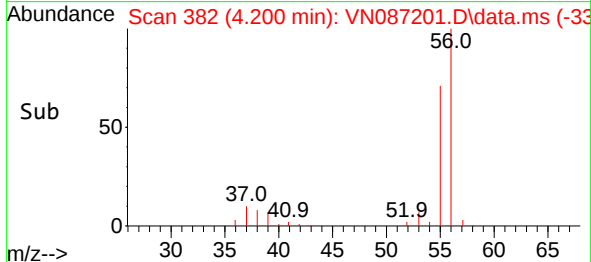
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 12079
Ion Ratio Lower Upper
56 100
55 71.0 56.8 85.2

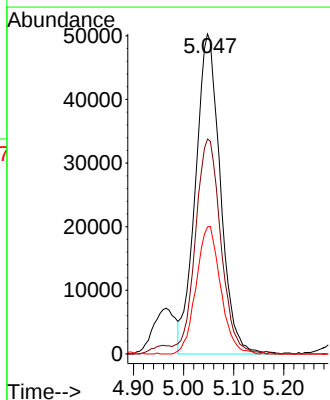
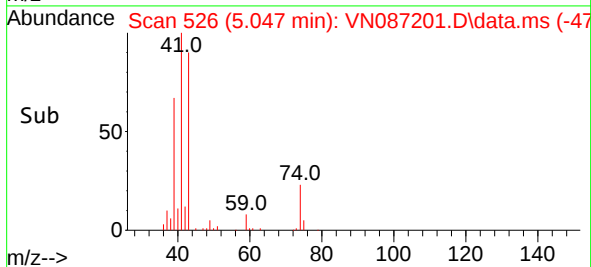
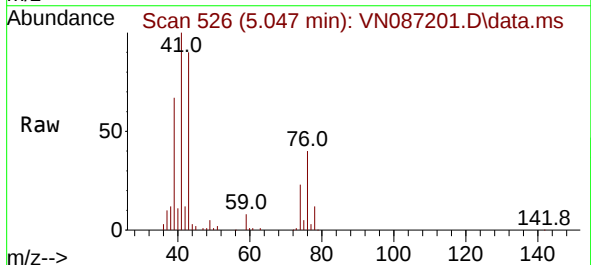
Manual Integrations
APPROVED

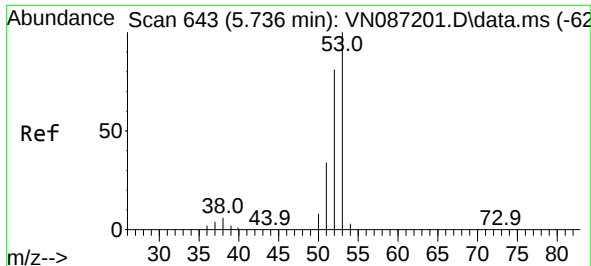
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#14
Allyl chloride
Concen: 51.182 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

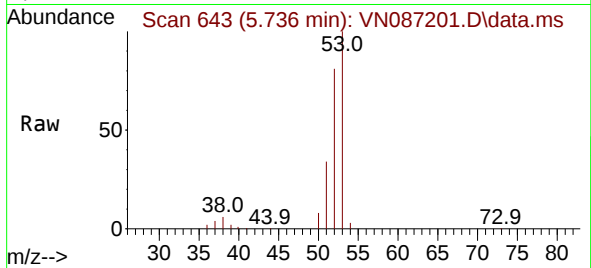
Tgt Ion: 41 Resp: 173347
Ion Ratio Lower Upper
41 100
39 68.8 55.0 82.6
76 39.1 31.3 46.9





#15
Acrylonitrile
Concen: 263.838 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

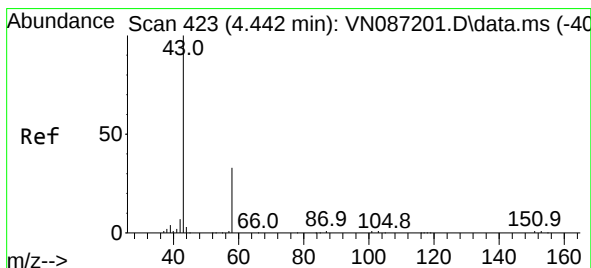
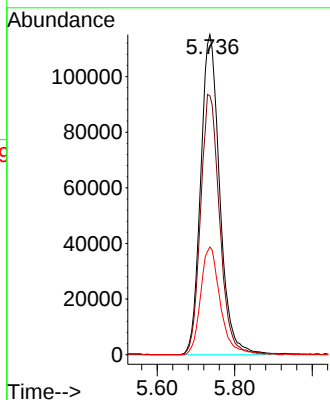
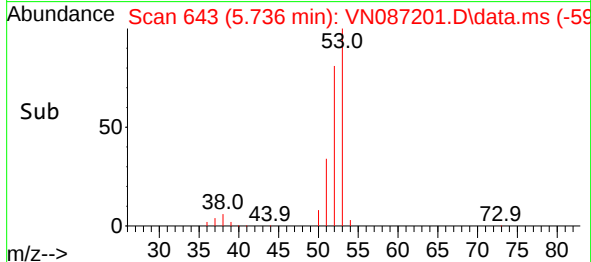
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 39274
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 34.7 27.8 41.6

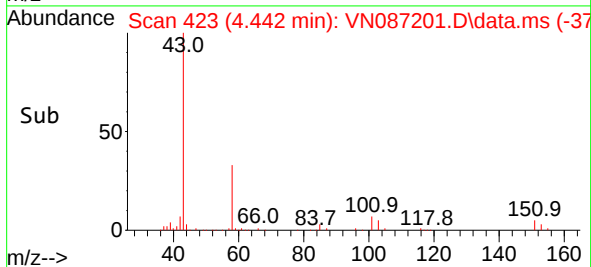
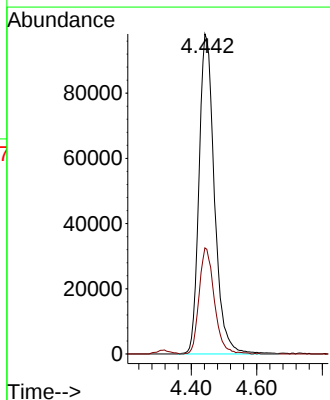
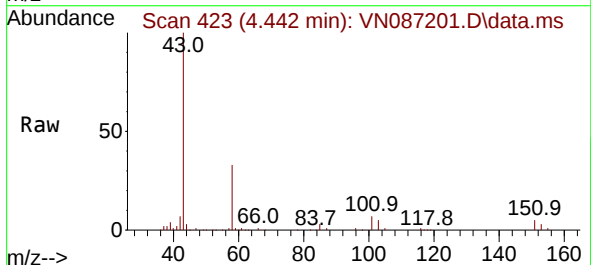
Manual Integrations
APPROVED

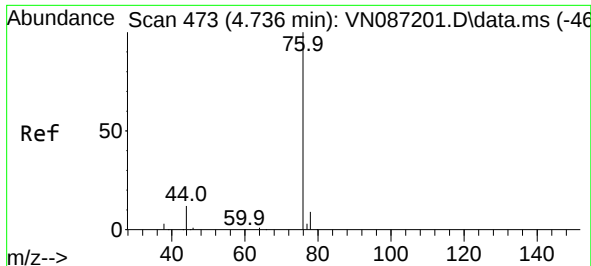
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#16
Acetone
Concen: 266.436 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

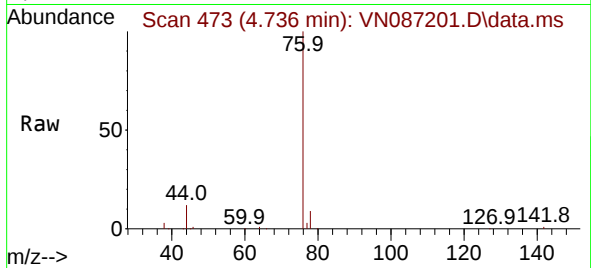
Tgt Ion: 43 Resp: 321189
Ion Ratio Lower Upper
43 100
58 33.1 26.5 39.7





#17
Carbon Disulfide
Concen: 54.119 ug/l
RT: 4.736 min Scan# 473
Delta R.T. -0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

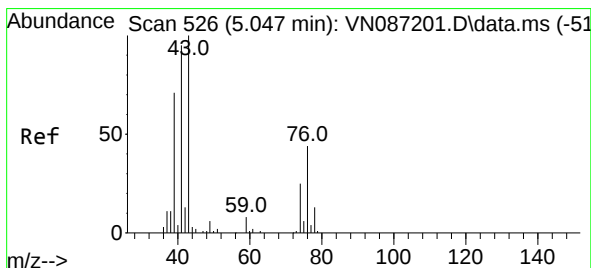
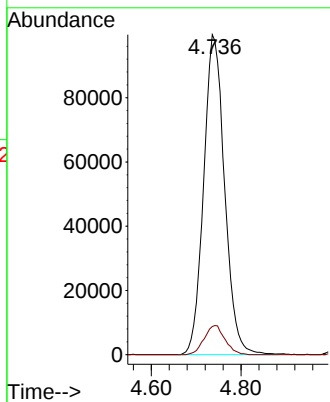
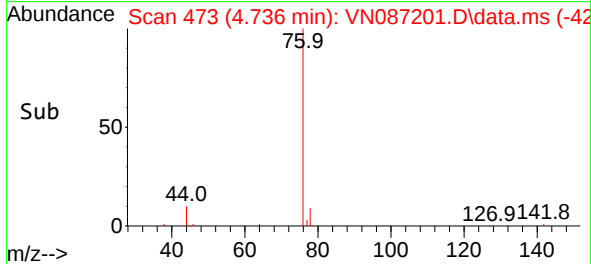
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 322866
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

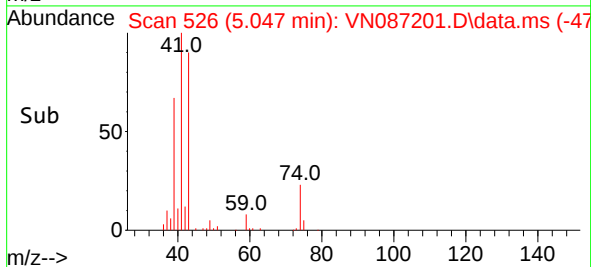
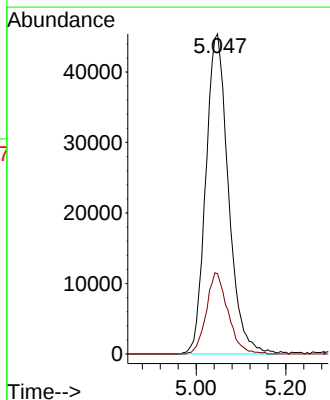
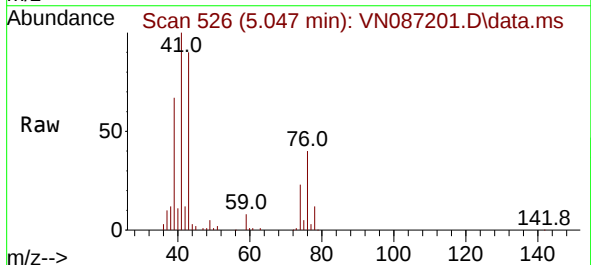
Manual Integrations
APPROVED

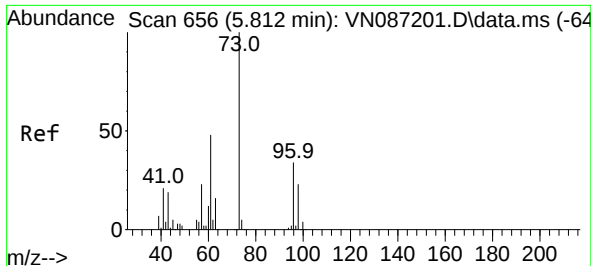
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#18
Methyl Acetate
Concen: 50.859 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

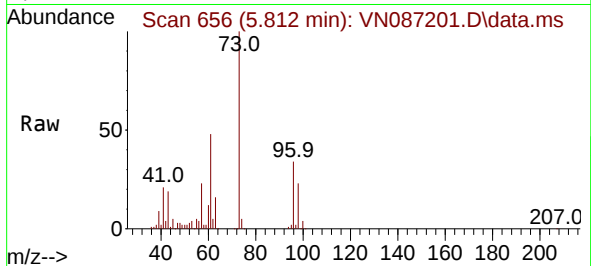
Tgt Ion: 43 Resp: 158866
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.647 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

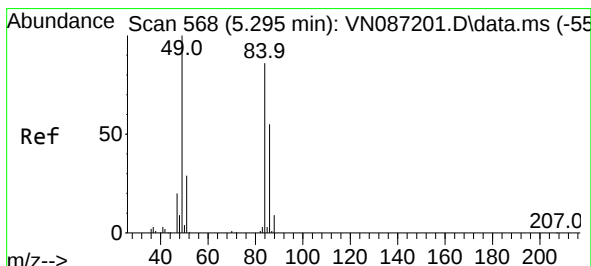
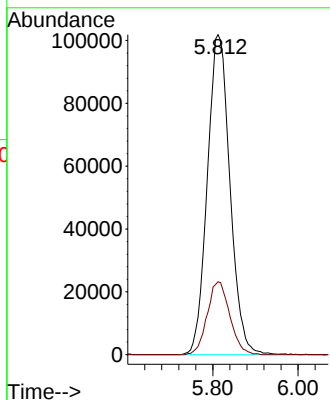
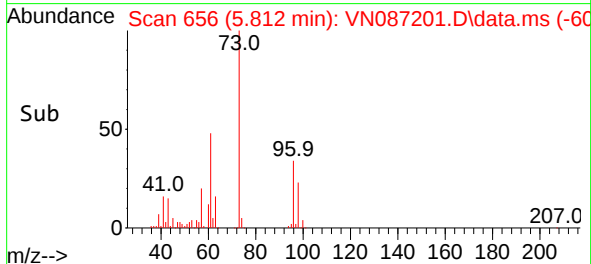
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 37556
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4

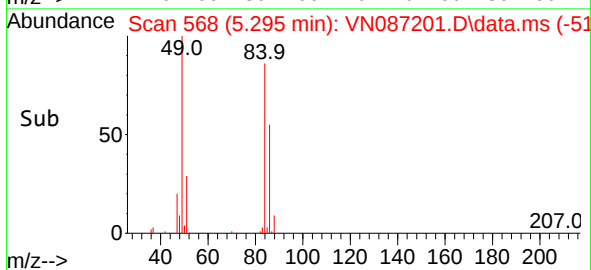
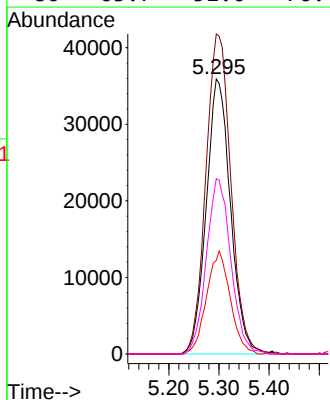
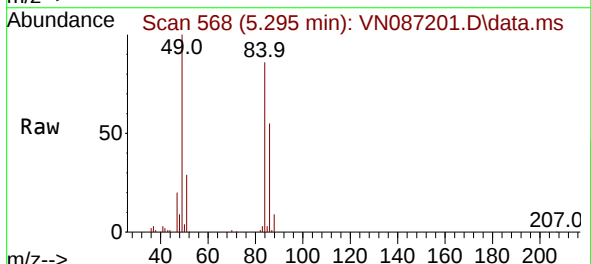
Manual Integrations
APPROVED

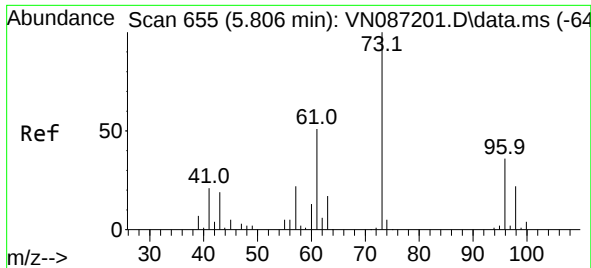
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#20
Methylene Chloride
Concen: 53.655 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

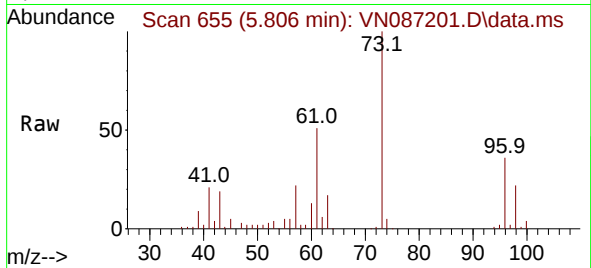
Tgt Ion: 84 Resp: 120848
Ion Ratio Lower Upper
84 100
49 116.3 93.0 139.6
51 34.0 27.2 40.8
86 63.7 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 49.812 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

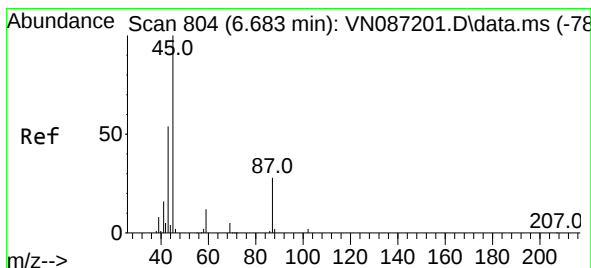
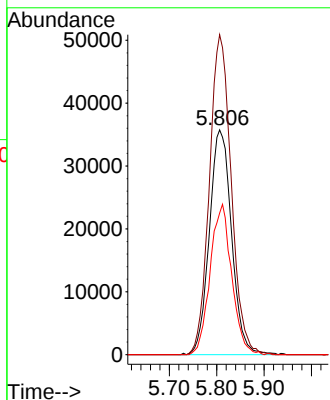
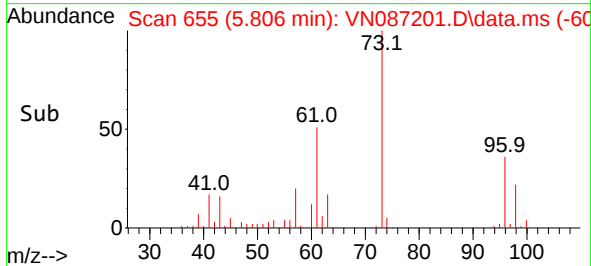
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



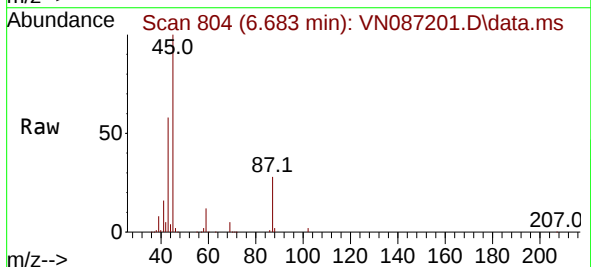
Tgt Ion: 96 Resp: 11663
Ion Ratio Lower Upper
96 100
61 142.3 113.8 170.8
98 63.0 50.4 75.6

Manual Integrations
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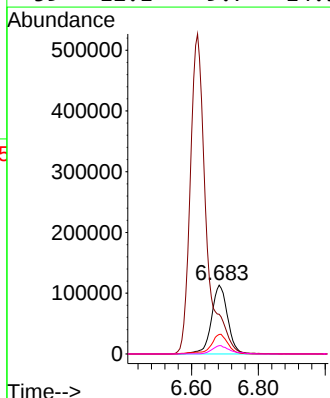
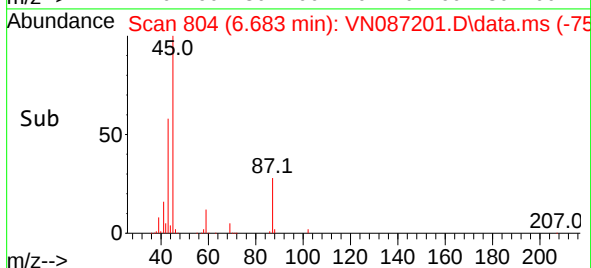
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

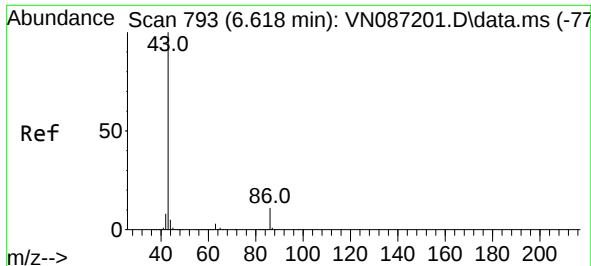


#22
Diisopropyl ether
Concen: 50.413 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



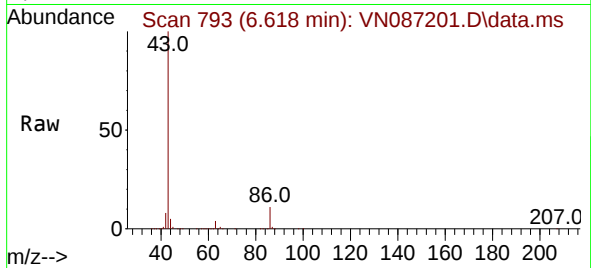
Tgt Ion: 45 Resp: 379019
Ion Ratio Lower Upper
45 100
43 57.2 45.8 68.6
87 28.4 22.7 34.1
59 12.1 9.7 14.5





#23
 Vinyl Acetate
 Concen: 256.885 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: VN087201.D
 Acq: 26 Jun 2025 17:57

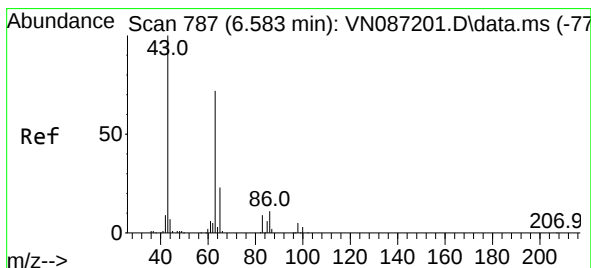
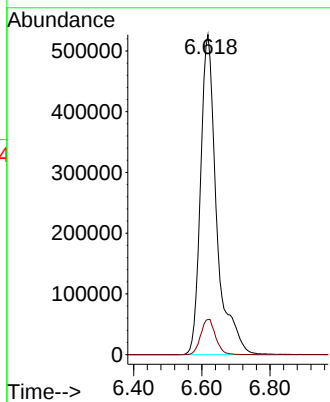
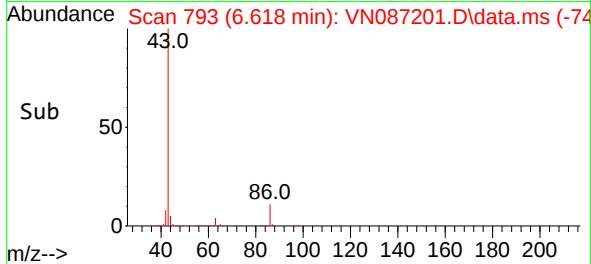
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



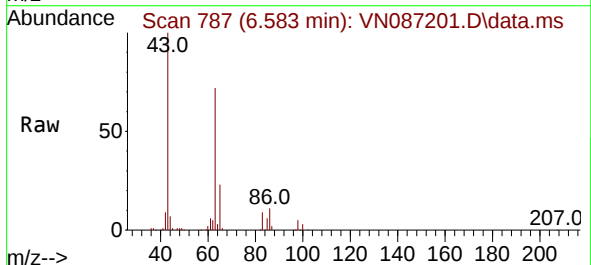
Tgt Ion: 43 Resp: 1727085
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2

Manual Integrations
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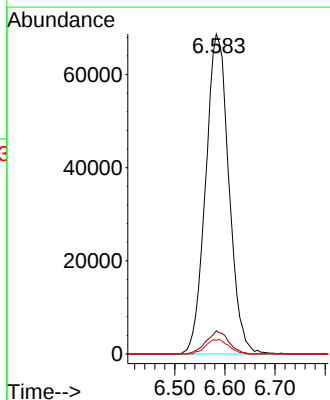
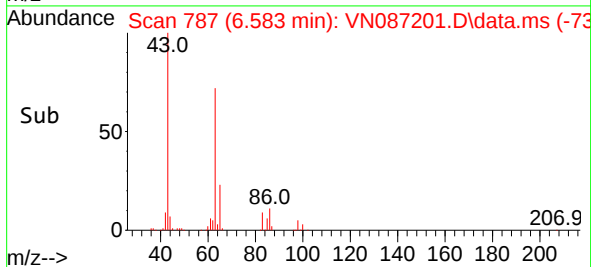
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025

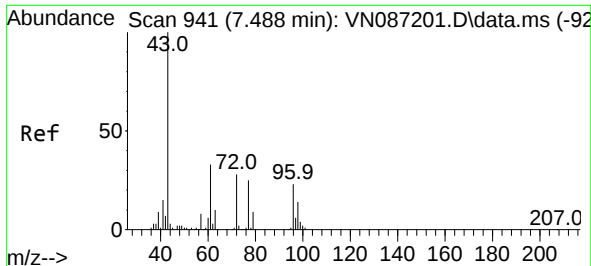


#24
 1,1-Dichloroethane
 Concen: 49.805 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VN087201.D
 Acq: 26 Jun 2025 17:57



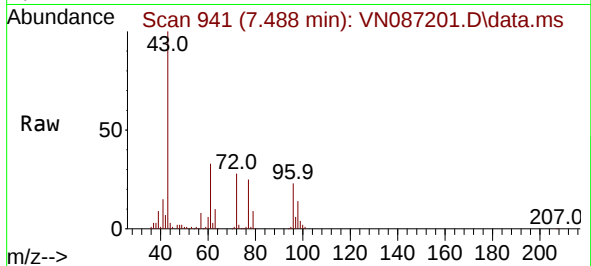
Tgt Ion: 63 Resp: 221153
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 268.234 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

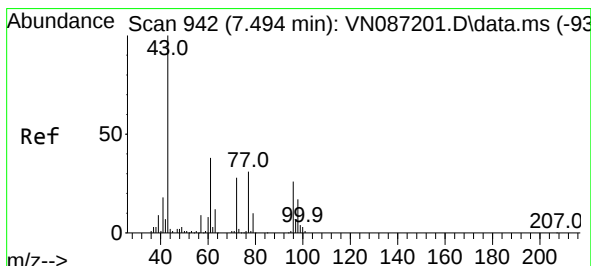
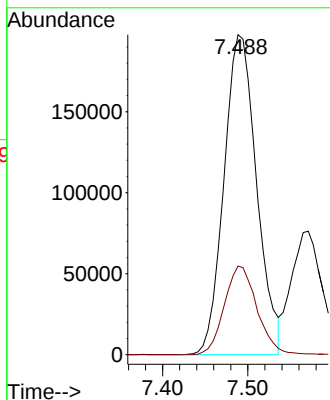
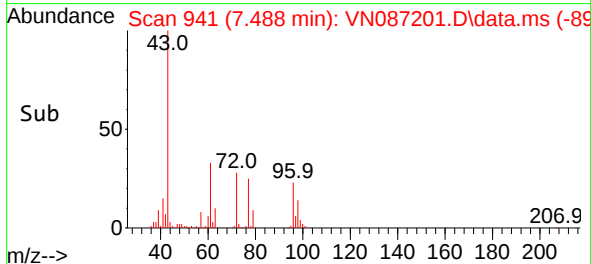
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



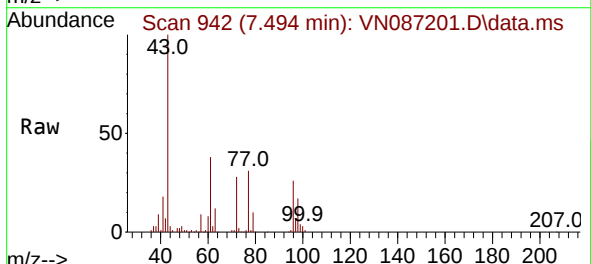
Tgt Ion: 43 Resp: 526708
Ion Ratio Lower Upper
43 100
72 27.7 22.2 33.2

Manual Integrations
APPROVED

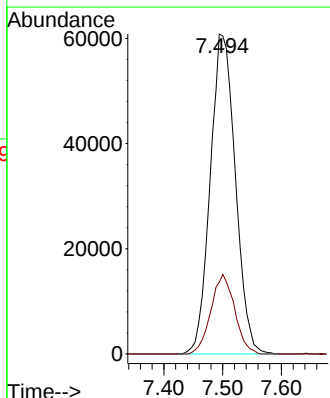
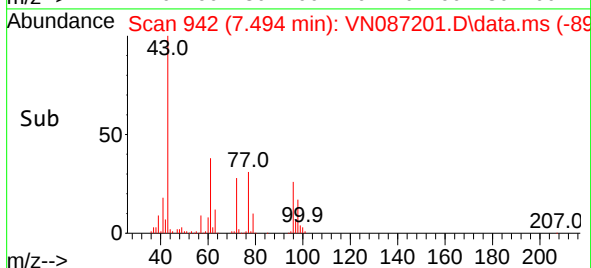
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

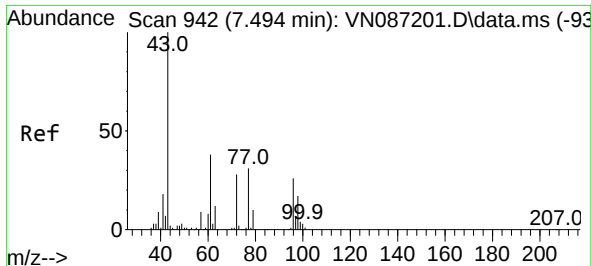


#26
2,2-Dichloropropane
Concen: 51.145 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



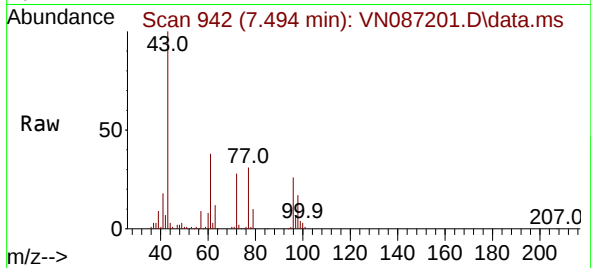
Tgt Ion: 77 Resp: 180527
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 51.318 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN087201.D
 Acq: 26 Jun 2025 17:57

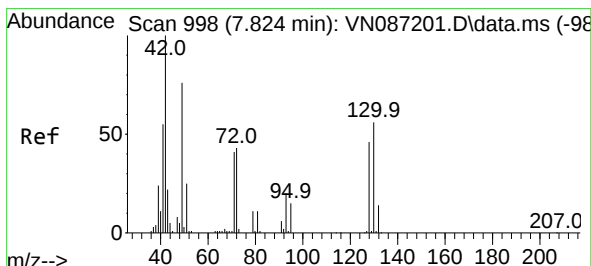
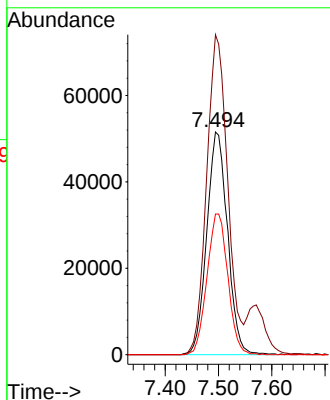
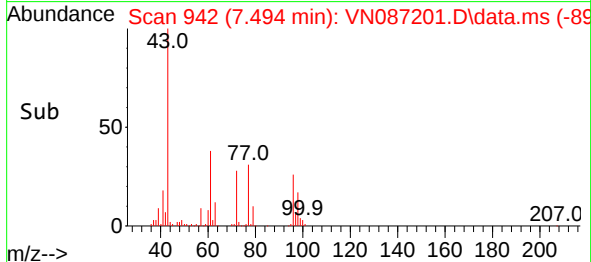
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 13971
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 290.4
 98 63.4 0.0 126.8

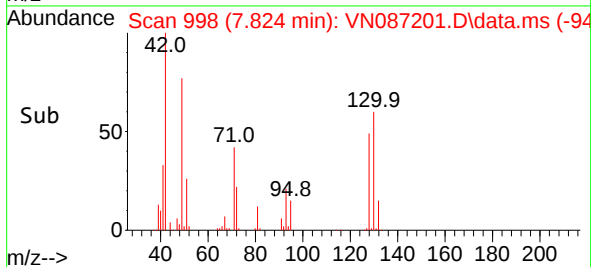
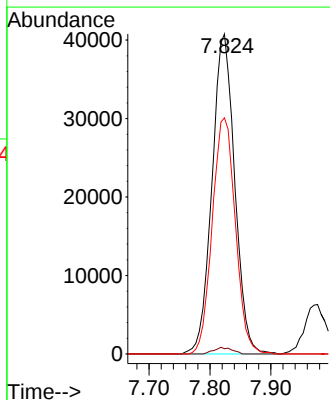
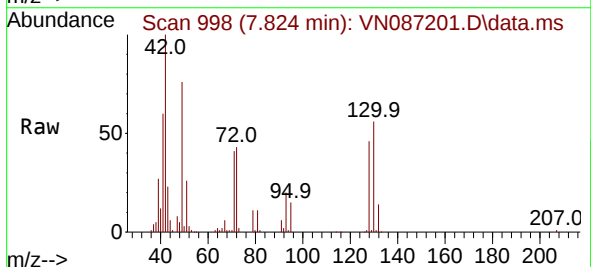
Manual Integrations
 APPROVED

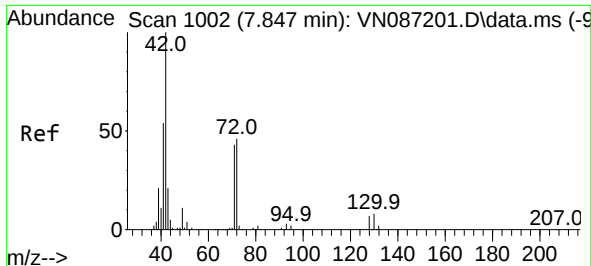
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#28
 Bromochloromethane
 Concen: 54.129 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VN087201.D
 Acq: 26 Jun 2025 17:57

Tgt Ion: 49 Resp: 105661
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 75.0 60.0 90.0





#29

Tetrahydrofuran

Concen: 269.094 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 346440

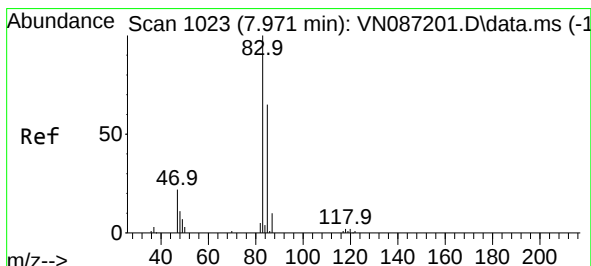
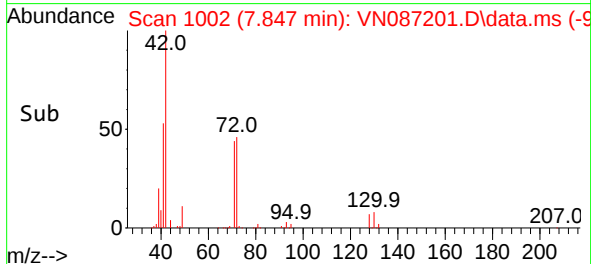
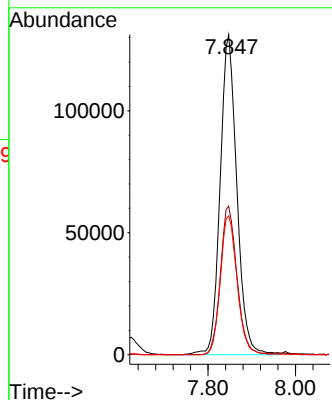
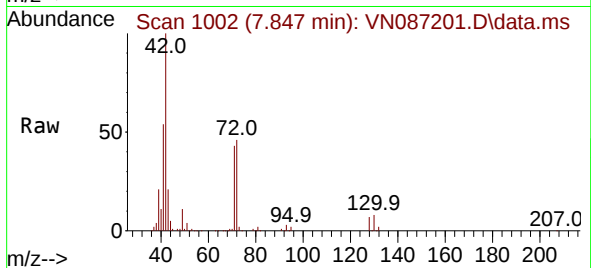
Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.9	55.3
71	43.7	35.0	52.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#30

Chloroform

Concen: 50.812 ug/l

RT: 7.971 min Scan# 1023

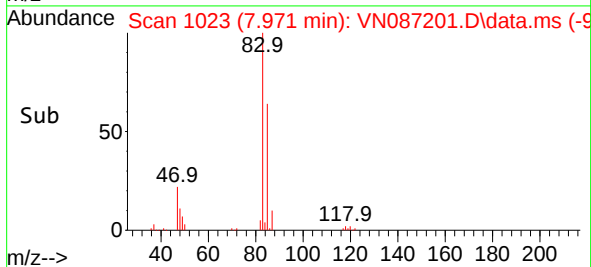
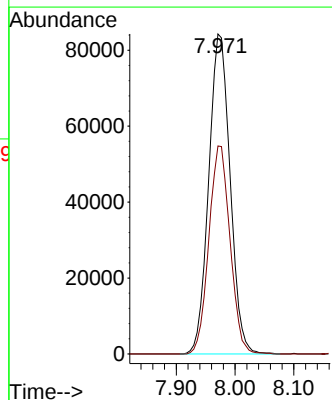
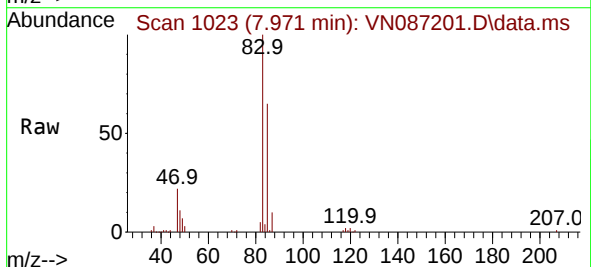
Delta R.T. 0.000 min

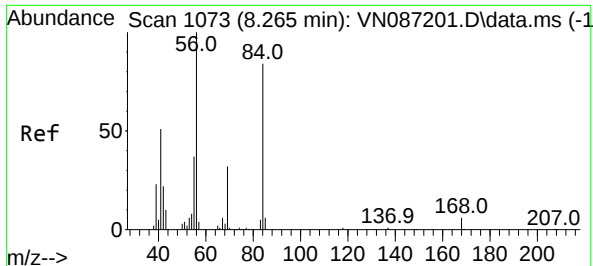
Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Tgt Ion: 83 Resp: 212822

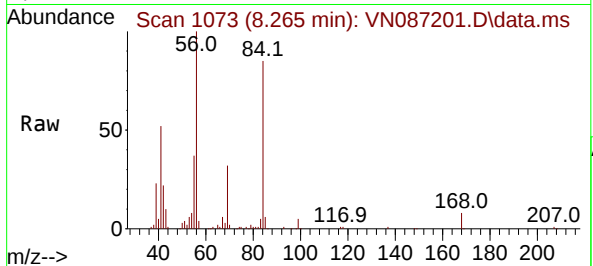
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0





#31
Cyclohexane
Concen: 50.475 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

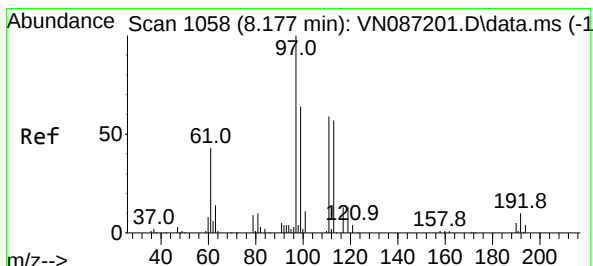
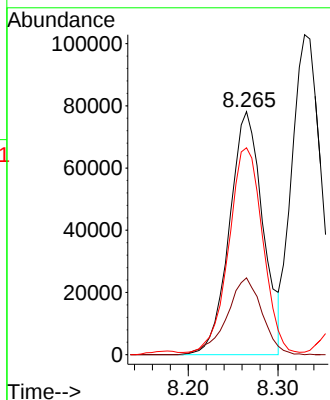
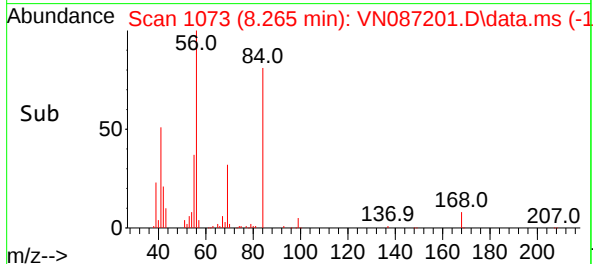
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 20239
Ion Ratio Lower Upper
56 100
69 31.6 25.3 37.9
84 84.2 67.4 101.0

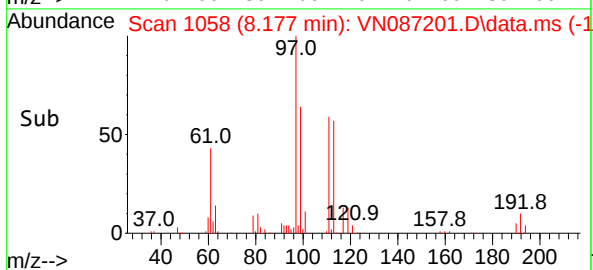
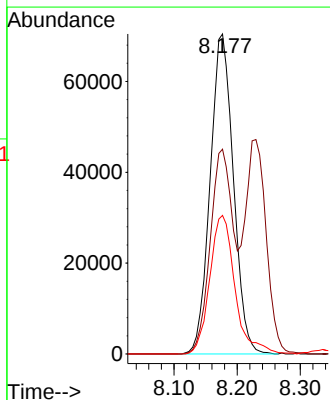
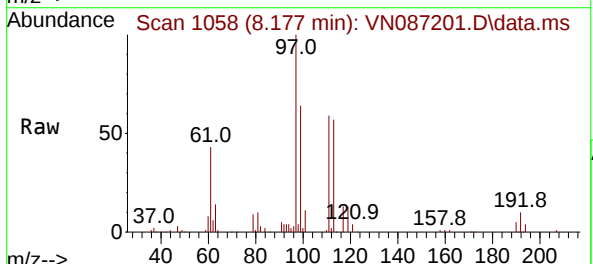
Manual Integrations
APPROVED

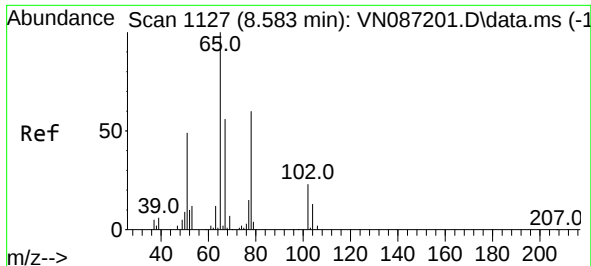
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#32
1,1,1-Trichloroethane
Concen: 50.046 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

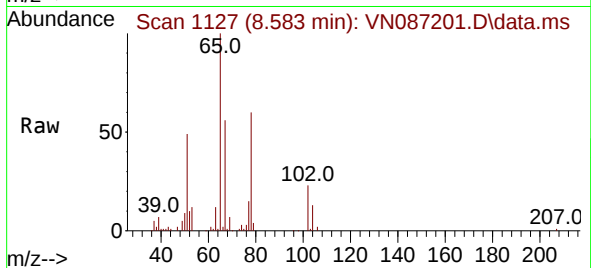
Tgt Ion: 97 Resp: 180086
Ion Ratio Lower Upper
97 100
99 62.4 49.9 74.9
61 47.0 37.6 56.4





#33
1,2-Dichloroethane-d4
Concen: 49.840 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

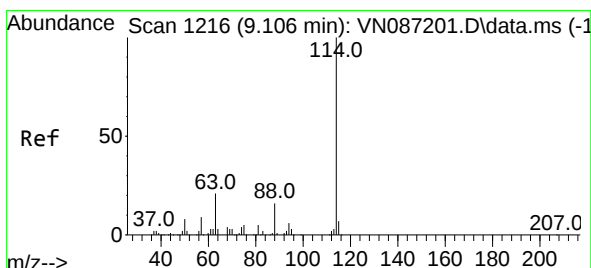
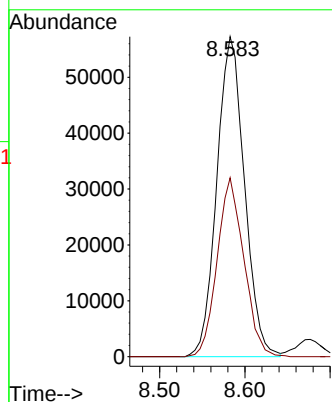
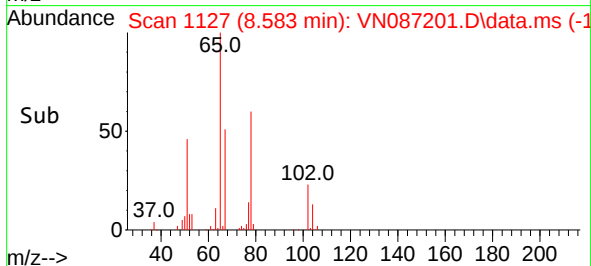
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



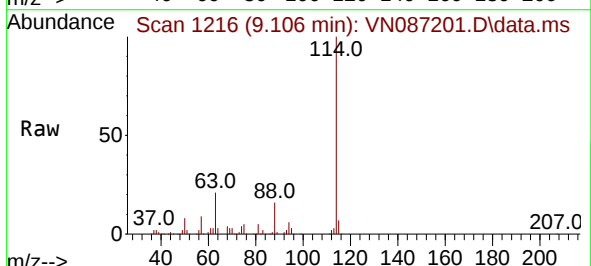
Tgt Ion: 65 Resp: 129085
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.0

Manual Integrations
APPROVED

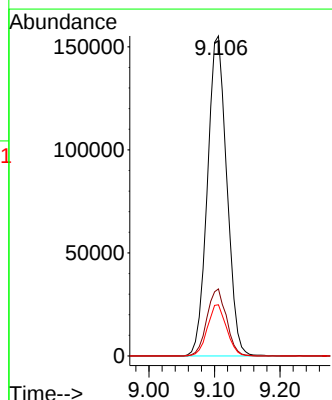
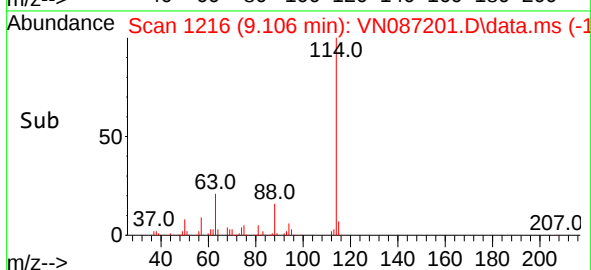
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

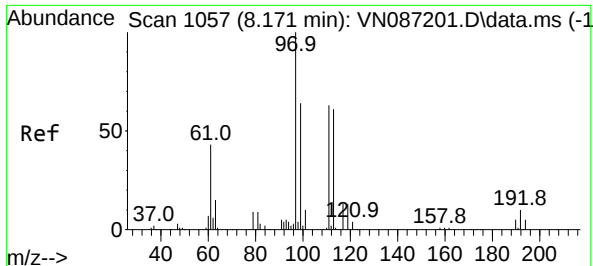


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



Tgt Ion:114 Resp: 318592
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.0
88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.122 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

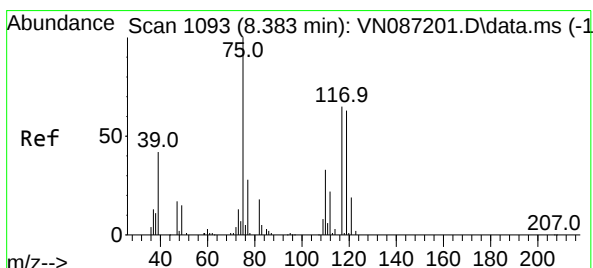
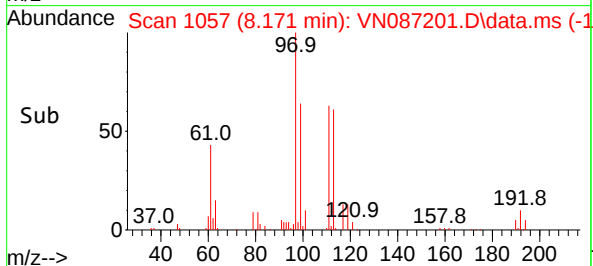
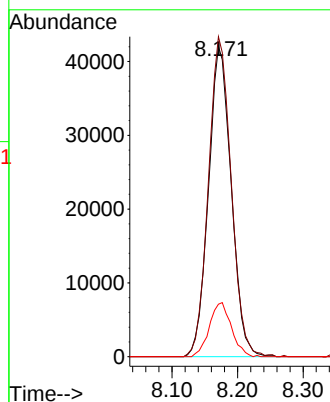
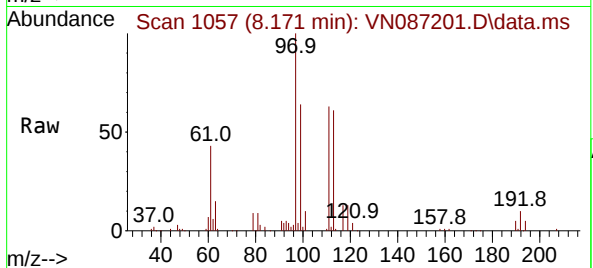
Tgt Ion:	113	Resp:	10117
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.6	124.0
192	16.9	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#36

1,1-Dichloropropene

Concen: 52.681 ug/l

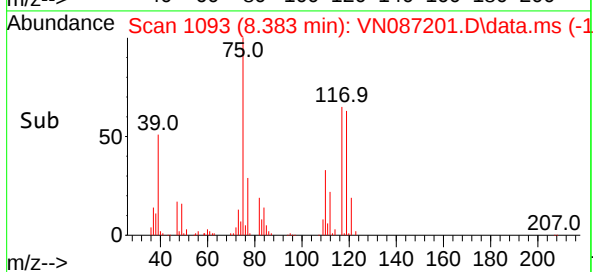
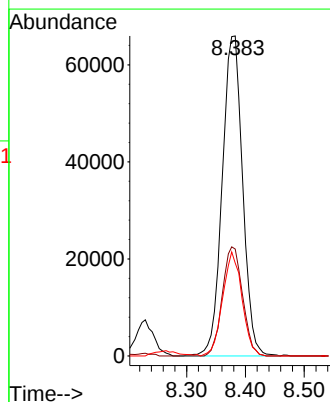
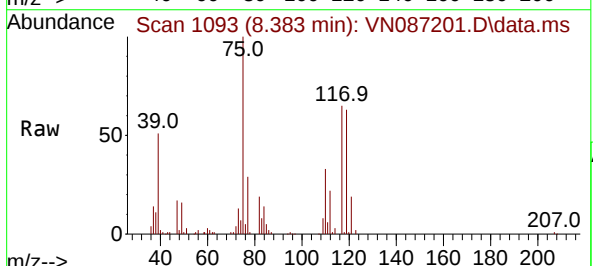
RT: 8.383 min Scan# 1093

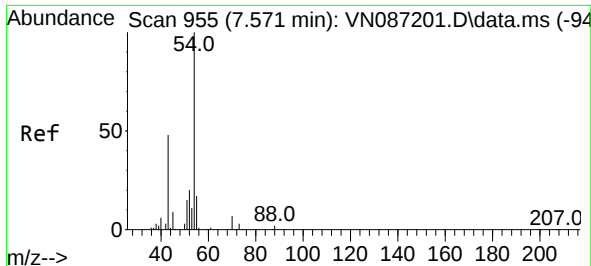
Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

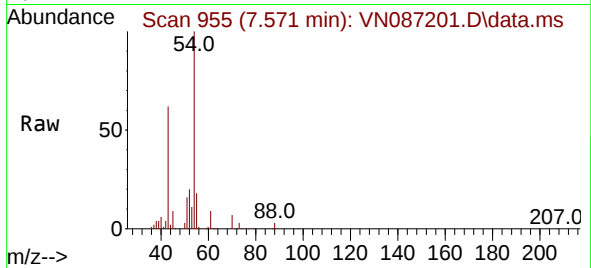
Tgt Ion:	75	Resp:	158936
Ion Ratio	Lower	Upper	
75	100		
110	33.7	16.9	50.6
77	30.9	24.7	37.1





#37
Ethyl Acetate
Concen: 52.049 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

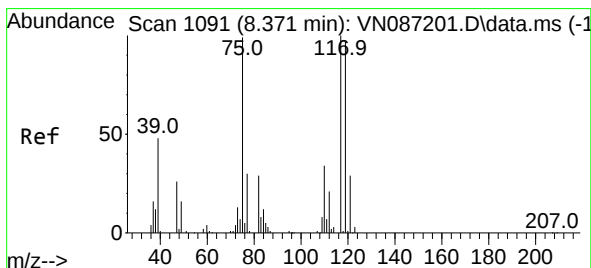
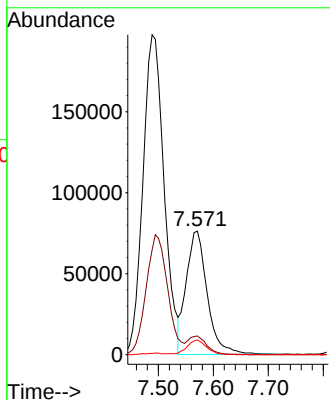
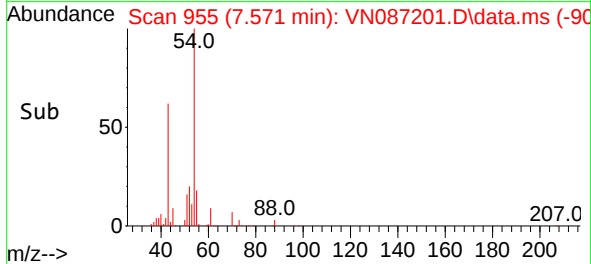
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 201899
Ion Ratio Lower Upper
43 100
61 13.5 10.8 16.2
70 11.1 8.9 13.3

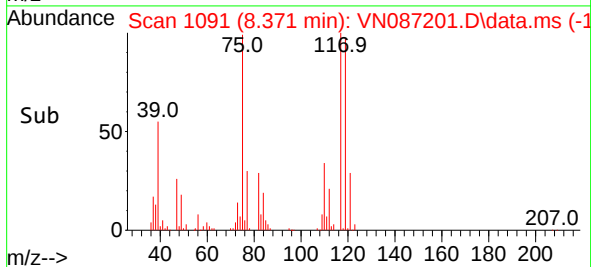
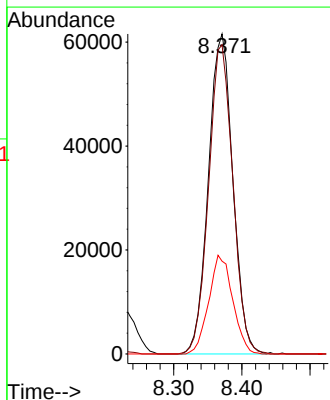
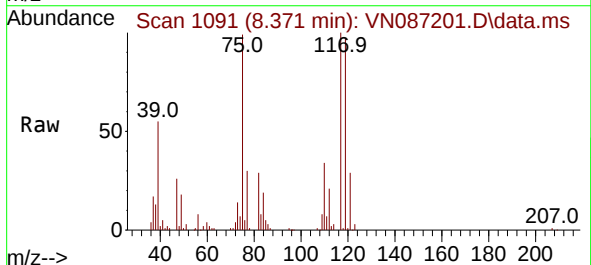
Manual Integrations
APPROVED

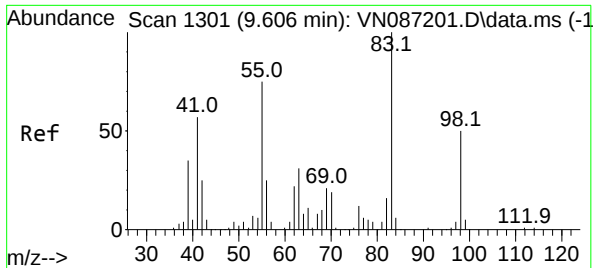
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#38
Carbon Tetrachloride
Concen: 52.301 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Tgt Ion:117 Resp: 153674
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
121 29.0 23.2 34.8





#39

Methylcyclohexane

Concen: 49.258 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 181318

Ion Ratio Lower Upper

83 100

55 74.8 59.8 89.8

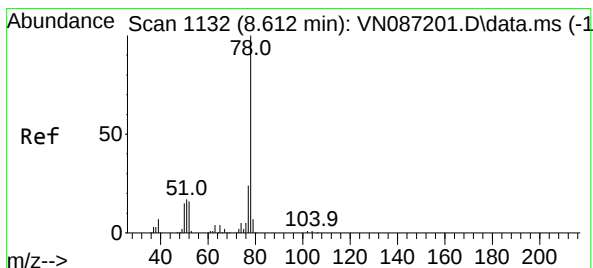
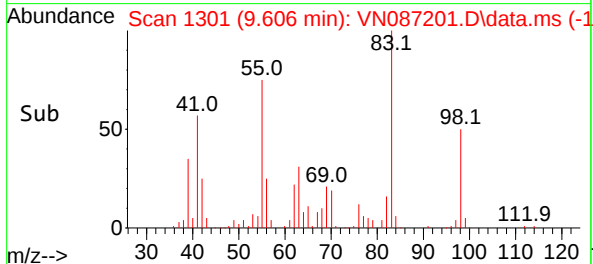
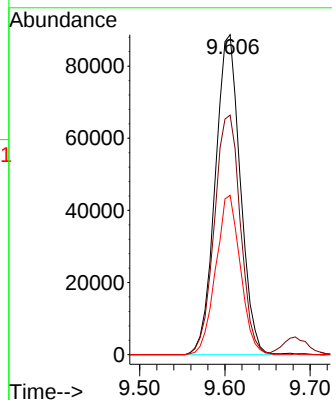
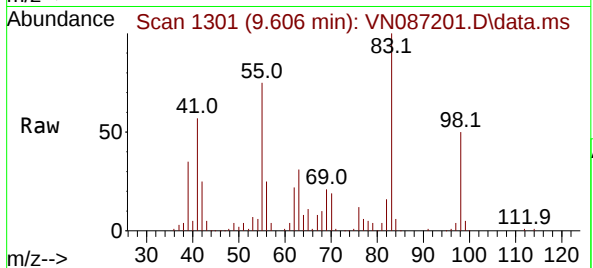
98 49.8 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#40

Benzene

Concen: 51.661 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN087201.D

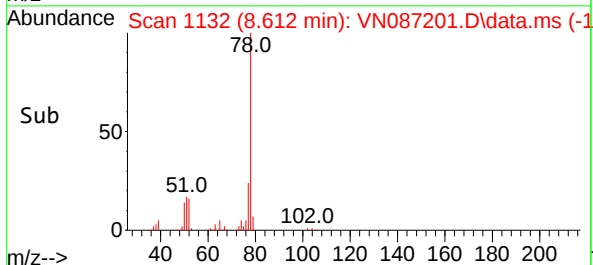
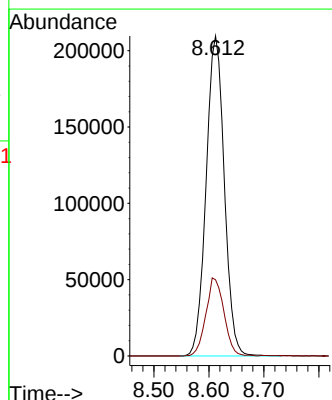
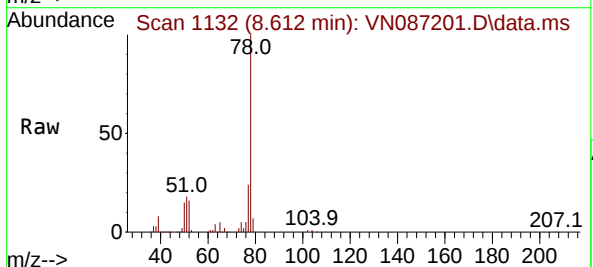
Acq: 26 Jun 2025 17:57

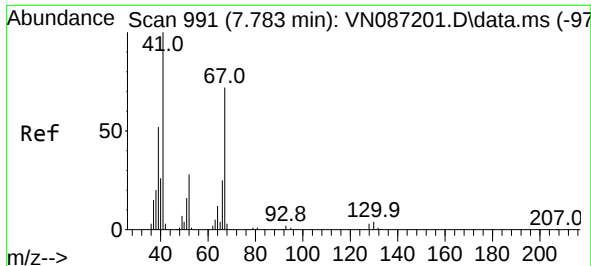
Tgt Ion: 78 Resp: 481570

Ion Ratio Lower Upper

78 100

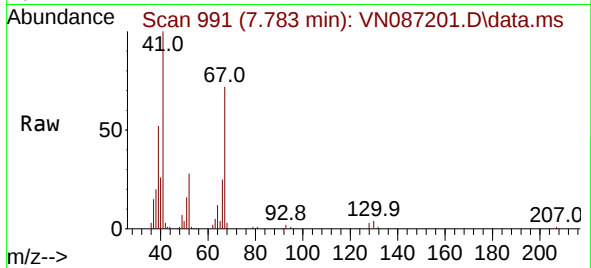
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 54.189 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

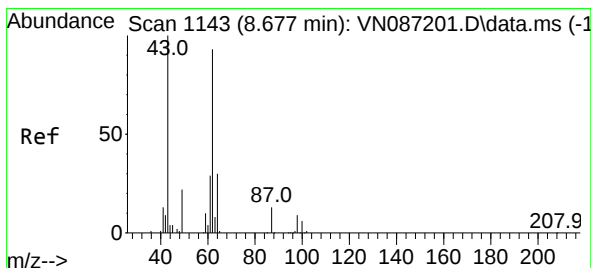
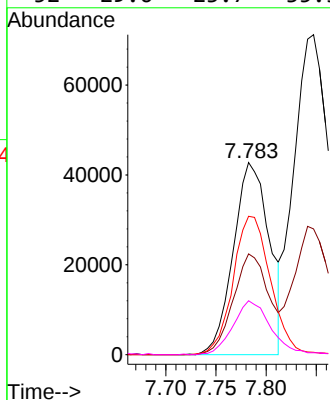
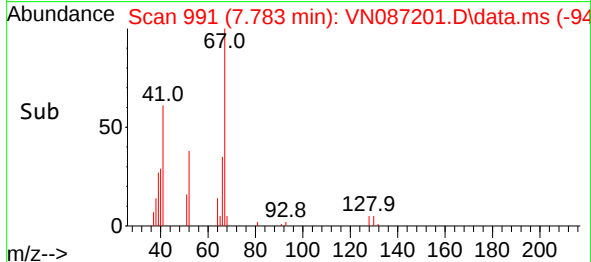
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



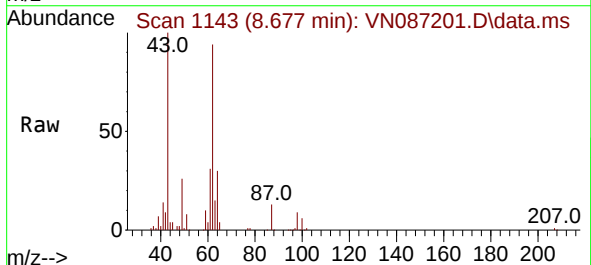
Tgt Ion: 41 Resp: 106998
Ion Ratio Lower Upper
41 100
39 51.6 41.3 61.9
67 75.2 60.2 90.2
52 29.6 23.7 35.5

Manual Integrations
APPROVED

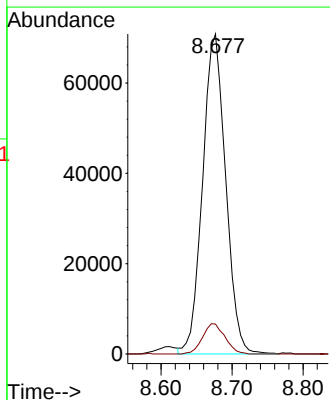
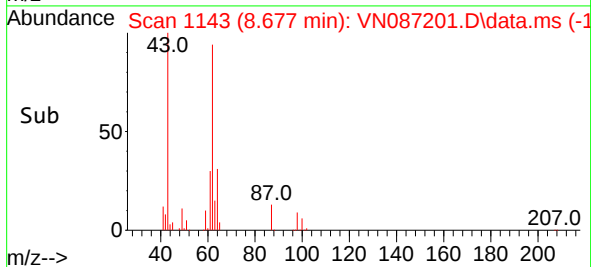
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

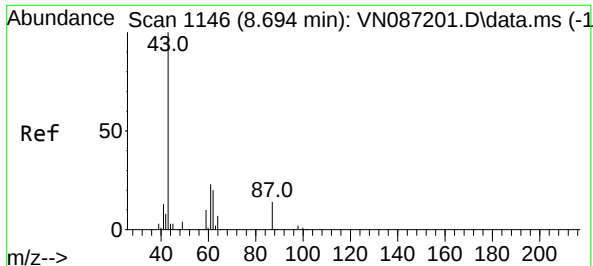


#42
1,2-Dichloroethane
Concen: 52.804 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



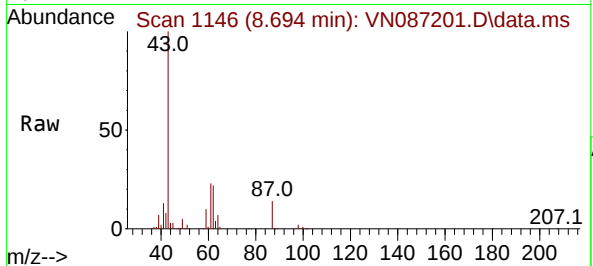
Tgt Ion: 62 Resp: 160021
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4





#43
Isopropyl Acetate
Concen: 55.547 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

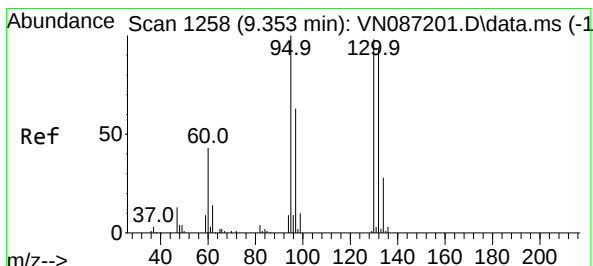
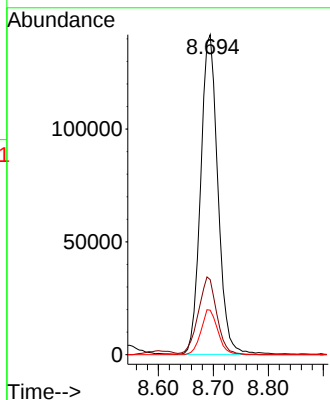
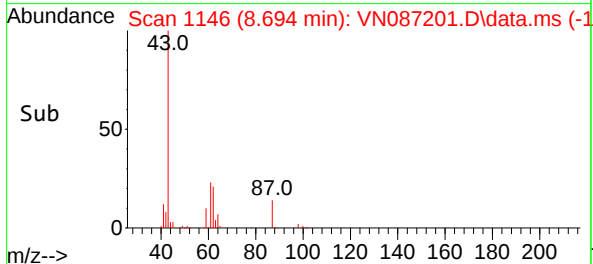
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 308092
Ion Ratio Lower Upper
43 100
61 26.3 21.0 31.6
87 13.8 11.0 16.6

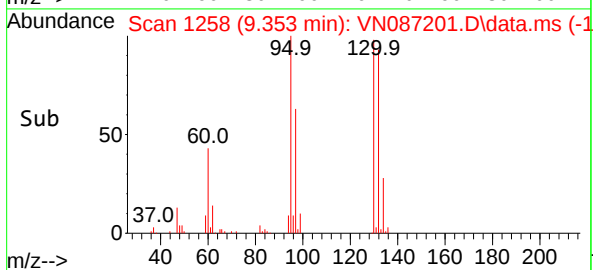
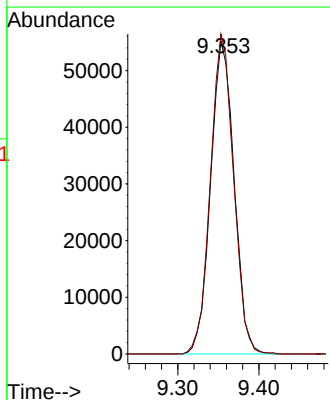
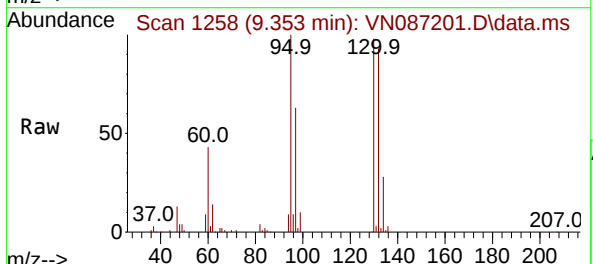
Manual Integrations
APPROVED

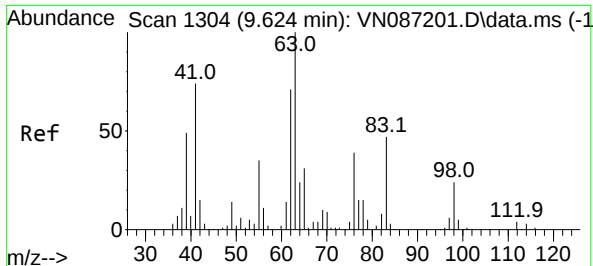
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#44
Trichloroethene
Concen: 49.618 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Tgt Ion:130 Resp: 110742
Ion Ratio Lower Upper
130 100
95 102.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.475 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 118878

Ion Ratio Lower Upper

63 100

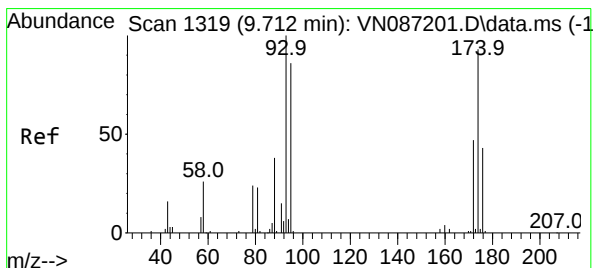
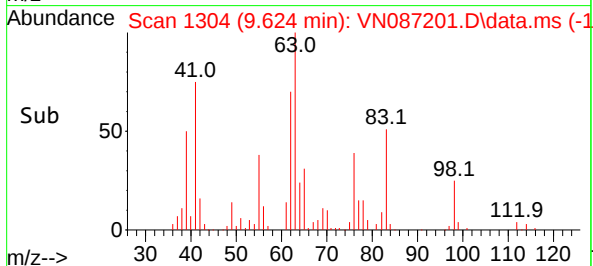
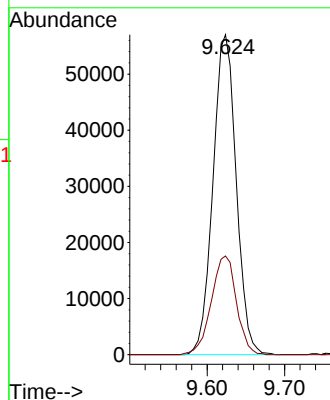
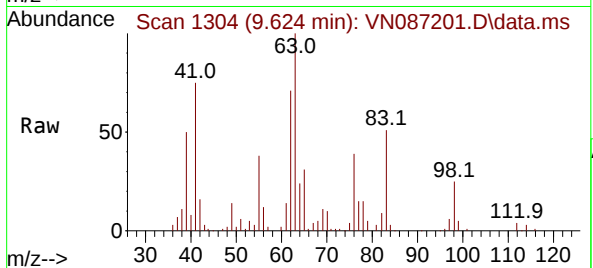
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#46

Dibromomethane

Concen: 49.563 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

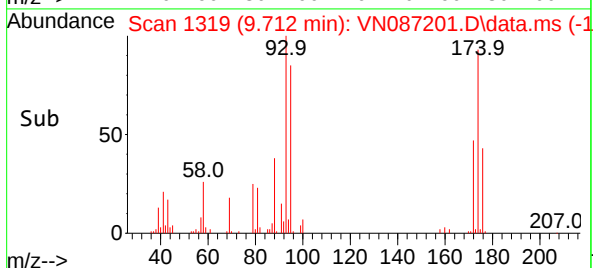
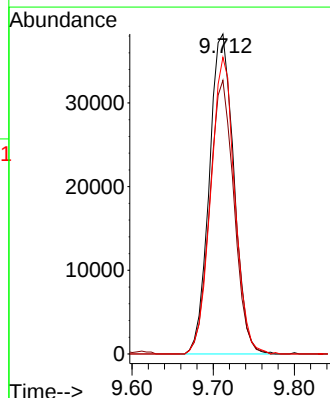
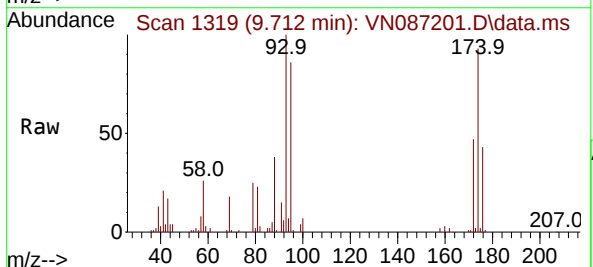
Tgt Ion: 93 Resp: 80704

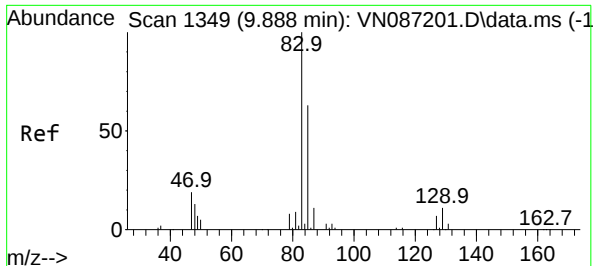
Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.2

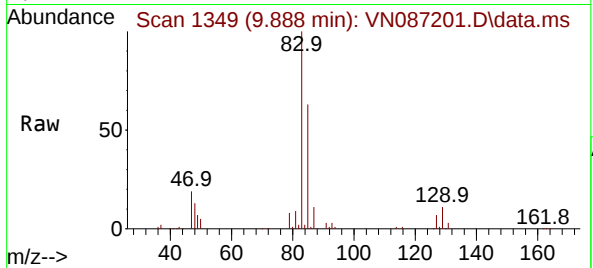
174 90.4 72.3 108.5





#47
Bromodichloromethane
Concen: 48.010 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

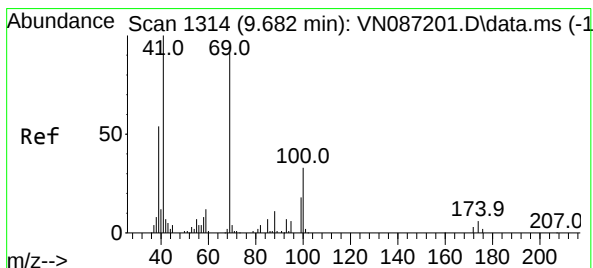
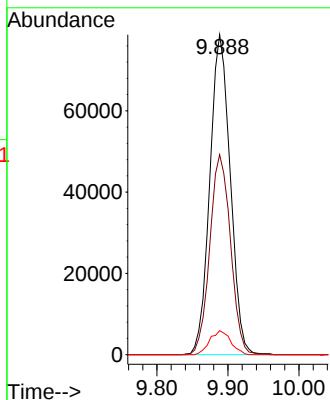
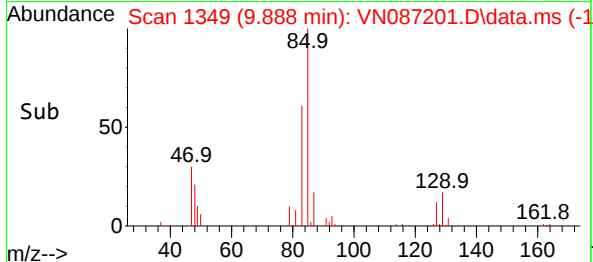
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



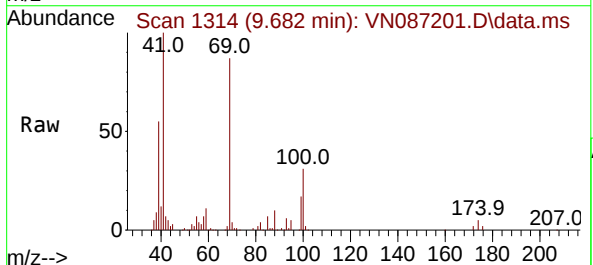
Tgt Ion: 83 Resp: 157000
Ion Ratio Lower Upper
83 100
85 62.5 50.0 75.0
127 7.5 6.0 9.0

Manual Integrations
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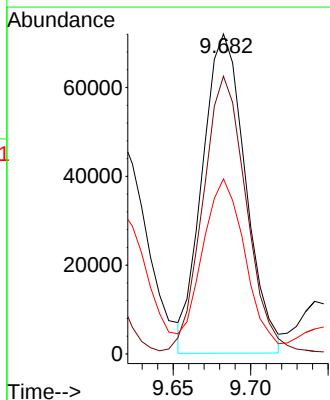
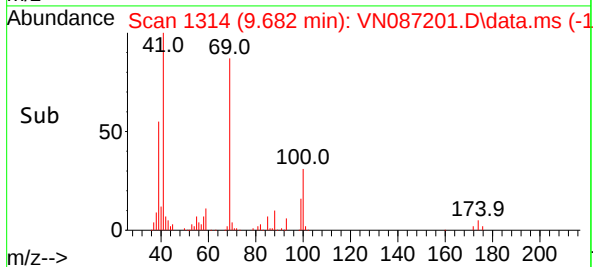
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

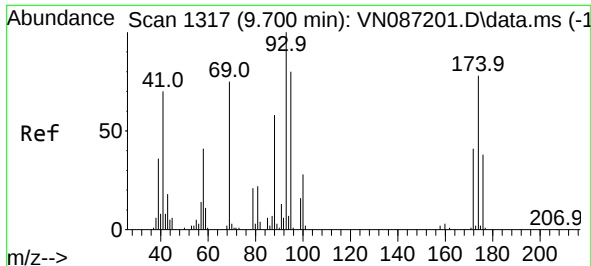


#48
Methyl methacrylate
Concen: 51.778 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



Tgt Ion: 41 Resp: 138847
Ion Ratio Lower Upper
41 100
69 87.4 69.9 104.9
39 54.7 43.8 65.6





#49

1,4-Dioxane

Concen: 990.650 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN087201.D

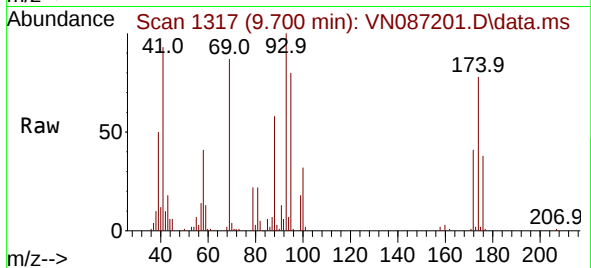
Acq: 26 Jun 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



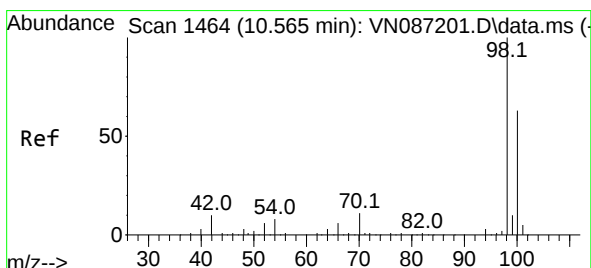
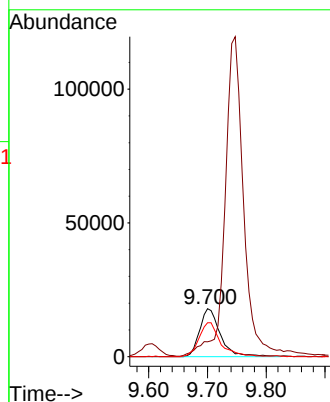
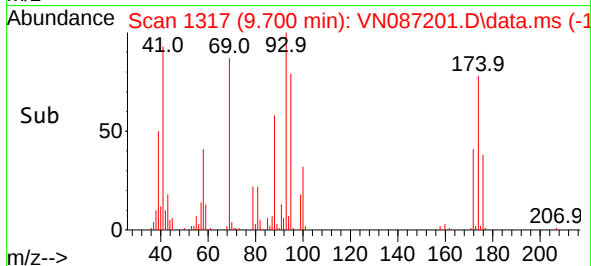
Tgt Ion:	88	Resp:	43874
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	74.0	59.2	88.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#50

Toluene-d8

Concen: 48.748 ug/l

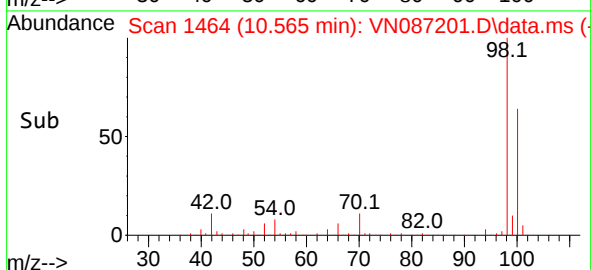
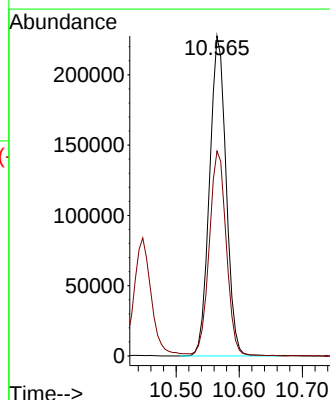
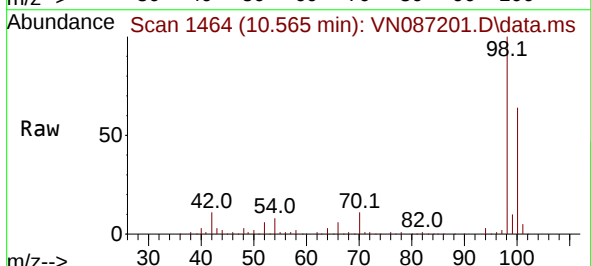
RT: 10.565 min Scan# 1464

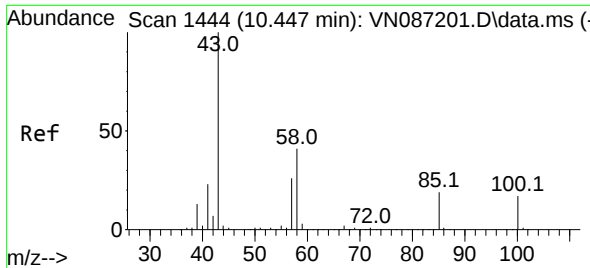
Delta R.T. -0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Tgt Ion:	98	Resp:	415277
Ion Ratio	Lower	Upper	
98	100		
100	65.9	52.7	79.1





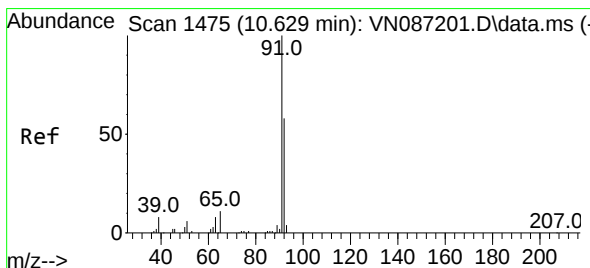
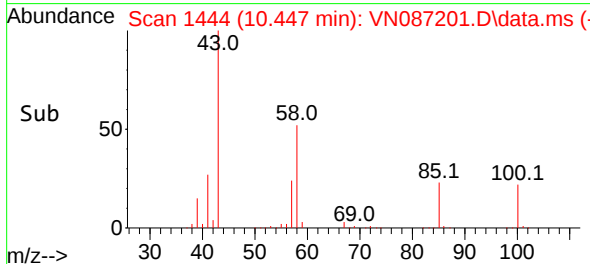
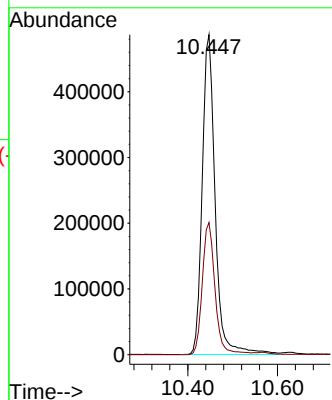
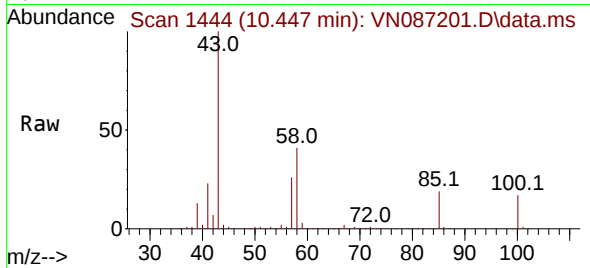
#51
4-Methyl-2-Pentanone
Concen: 249.359 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 975334
Ion Ratio Lower Upper
43 100
58 40.7 32.6 48.8

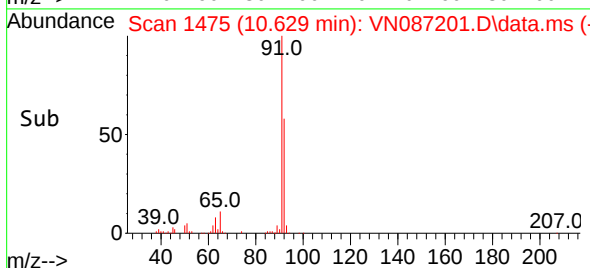
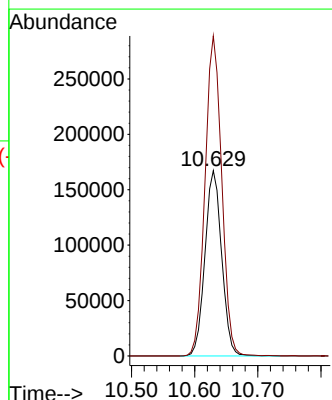
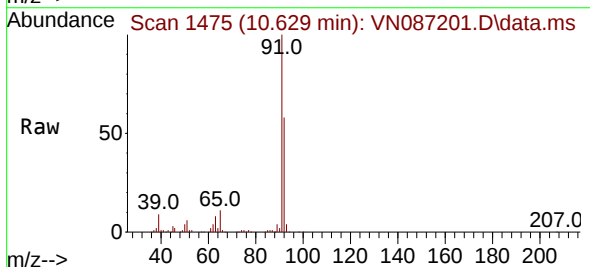
Manual Integrations
APPROVED

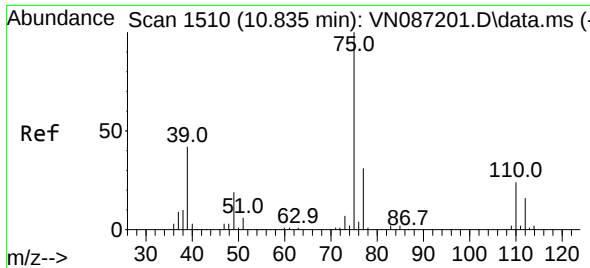
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#52
Toluene
Concen: 51.528 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

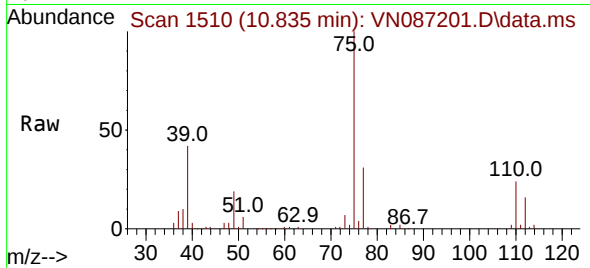
Tgt Ion: 92 Resp: 307077
Ion Ratio Lower Upper
92 100
91 172.7 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 51.833 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

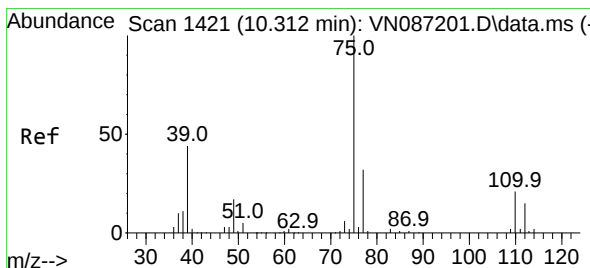
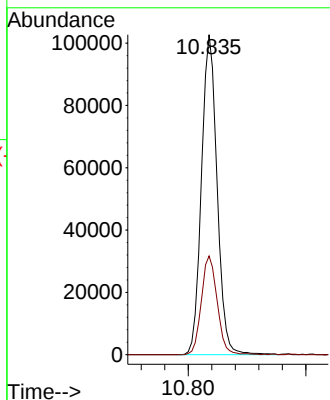
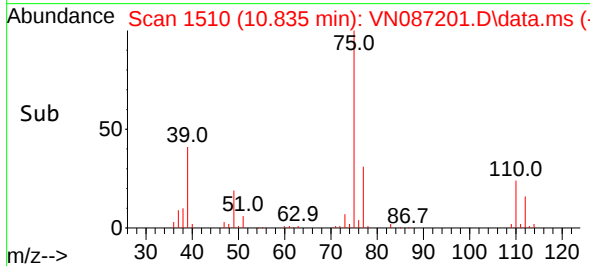
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



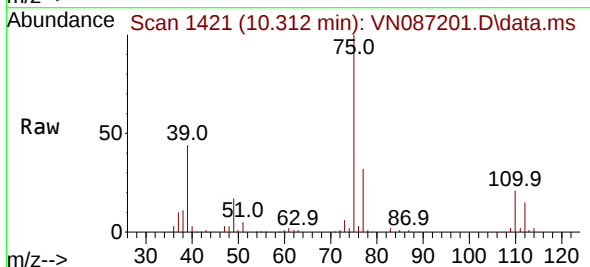
Tgt Ion: 75 Resp: 189000
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0

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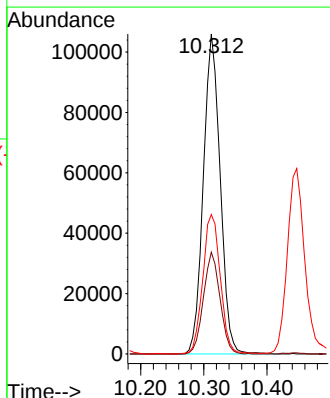
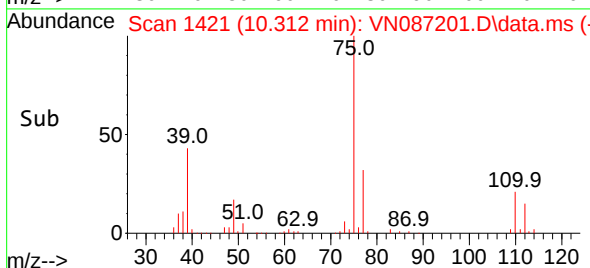
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

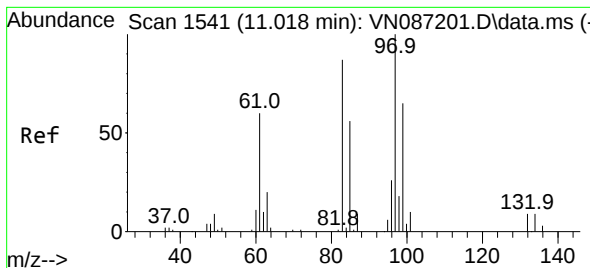


#54
cis-1,3-Dichloropropene
Concen: 50.753 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



Tgt Ion: 75 Resp: 196914
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 43.6 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 50.896 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 11471

Ion Ratio Lower Upper

97 100

83 86.9 69.5 104.3

85 55.9 44.7 67.1

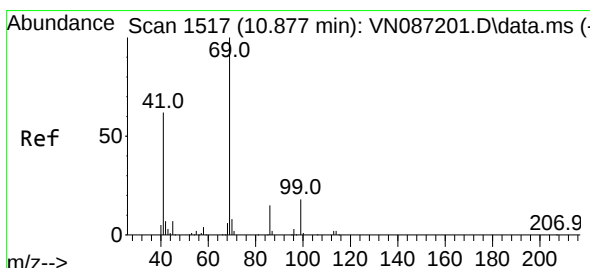
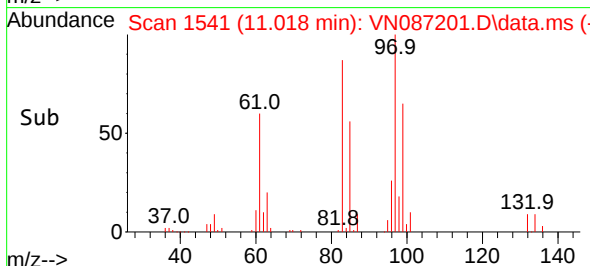
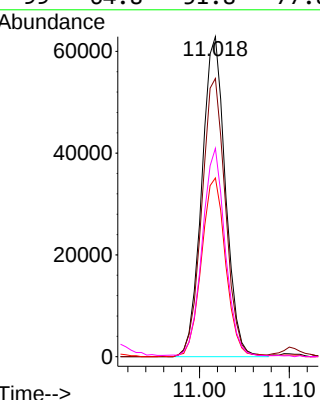
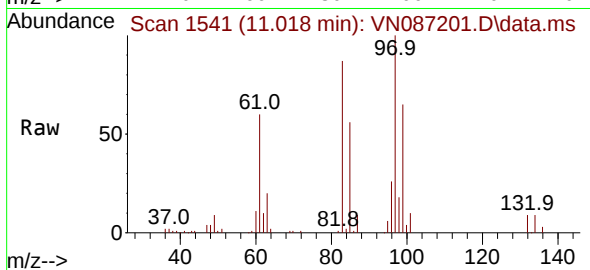
99 64.8 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#56

Ethyl methacrylate

Concen: 50.881 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

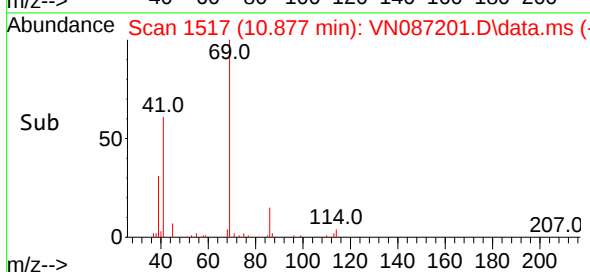
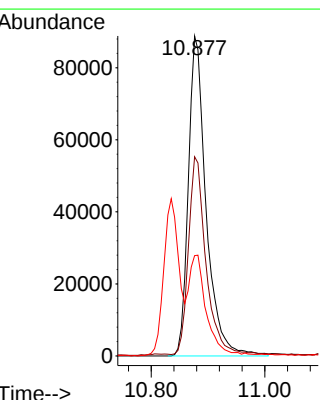
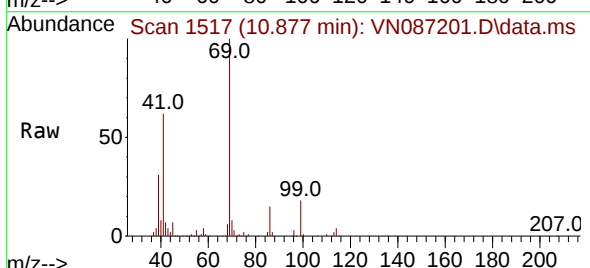
Tgt Ion: 69 Resp: 193411

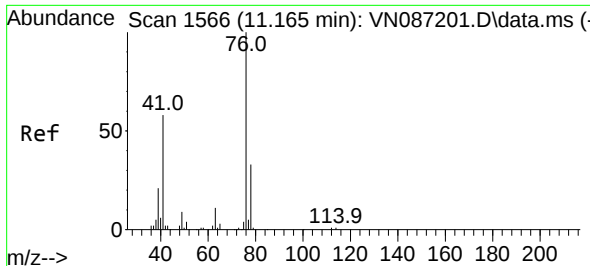
Ion Ratio Lower Upper

69 100

41 60.5 48.4 72.6

39 30.1 24.1 36.1





#57

1,3-Dichloropropane

Concen: 51.138 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 203630

Ion Ratio Lower Upper

76 100

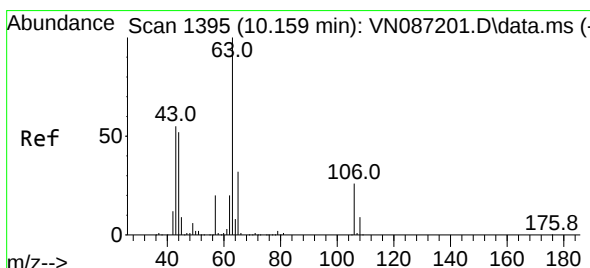
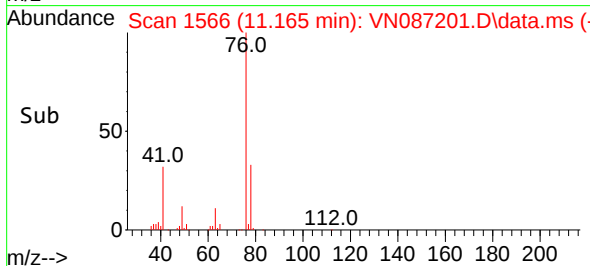
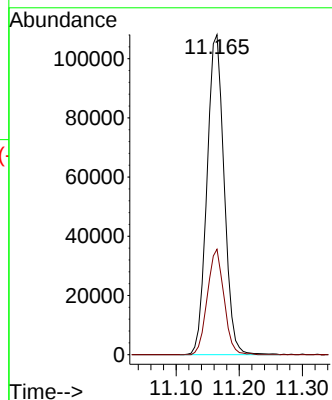
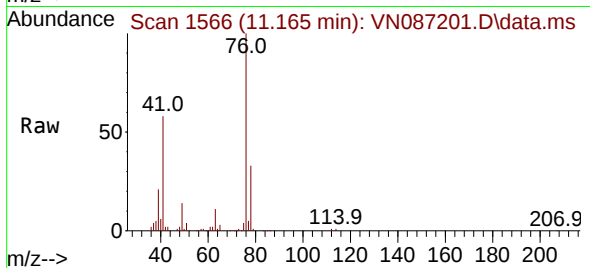
78 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 253.209 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN087201.D

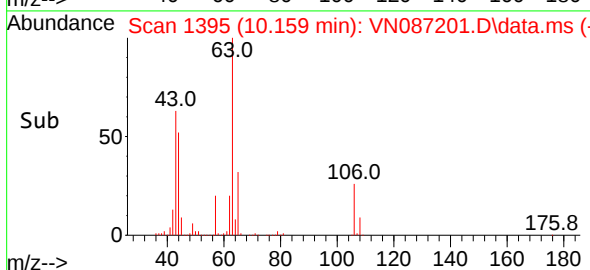
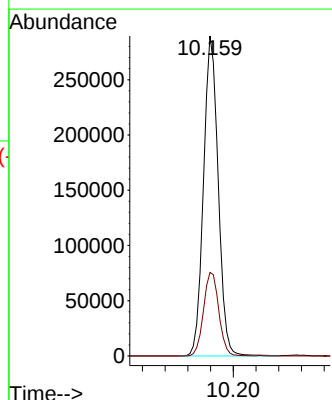
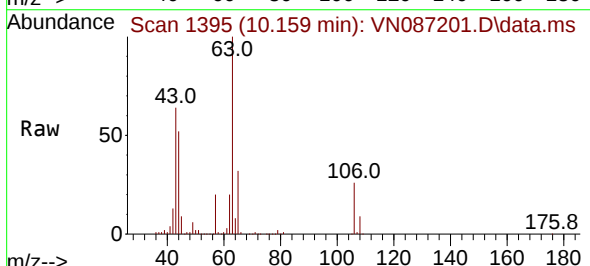
Acq: 26 Jun 2025 17:57

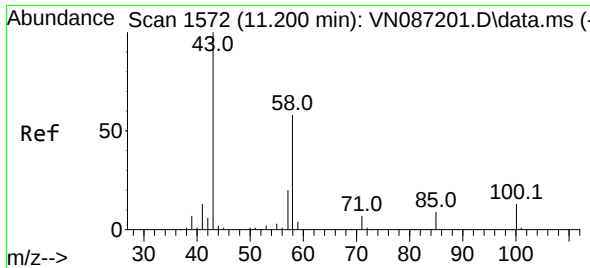
Tgt Ion: 63 Resp: 519082

Ion Ratio Lower Upper

63 100

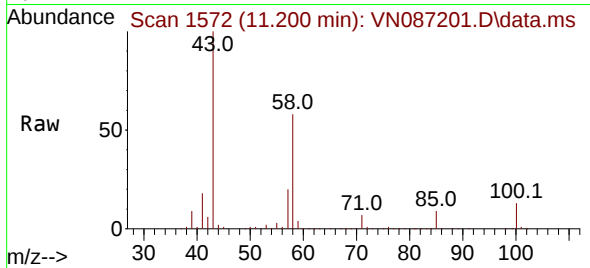
106 27.1 21.7 32.5





#59
2-Hexanone
Concen: 260.586 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

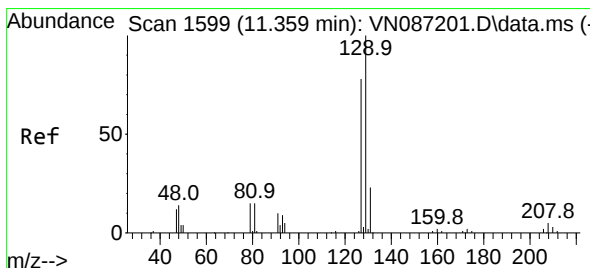
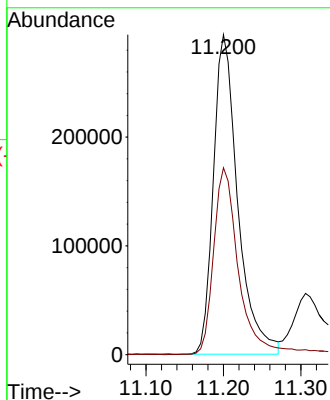
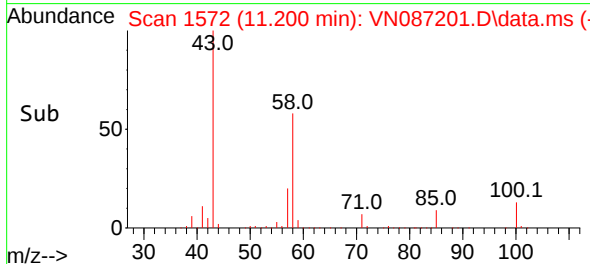
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 643004
Ion Ratio Lower Upper
43 100
58 62.2 31.1 93.3

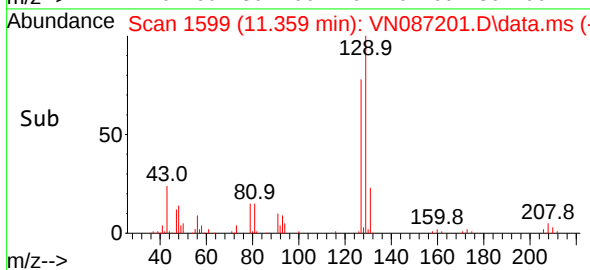
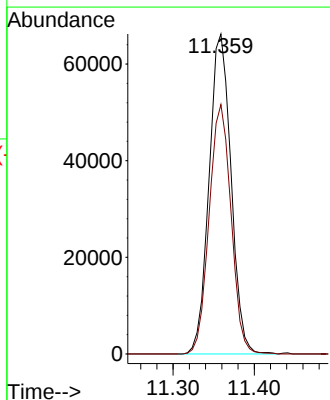
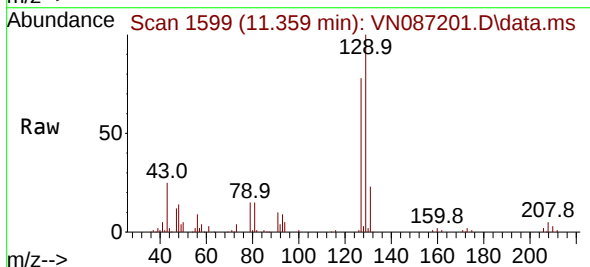
Manual Integrations
APPROVED

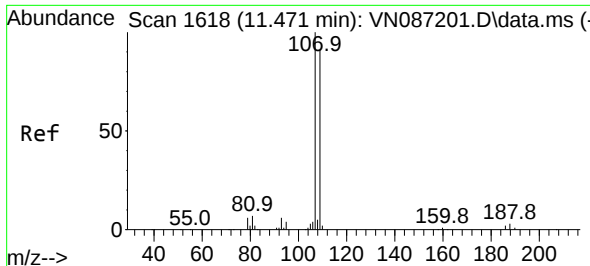
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#60
Dibromochloromethane
Concen: 50.783 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

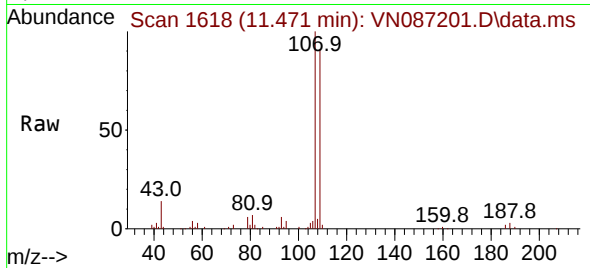
Tgt Ion:129 Resp: 124477
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61
1,2-Dibromoethane
Concen: 51.231 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

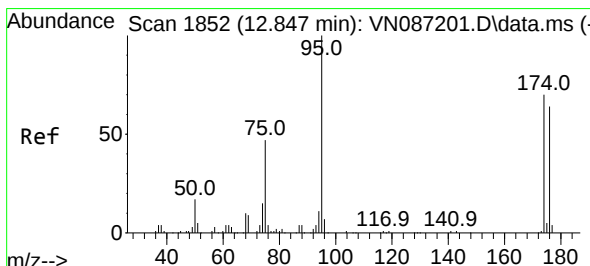
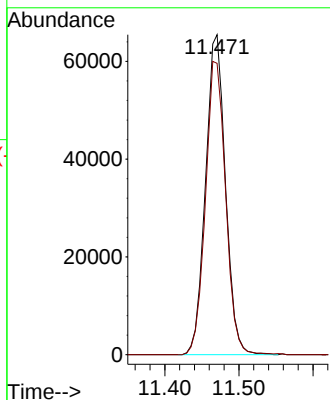
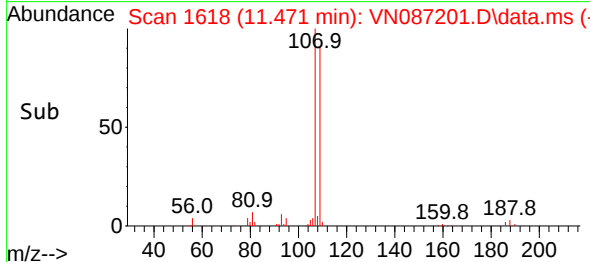
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



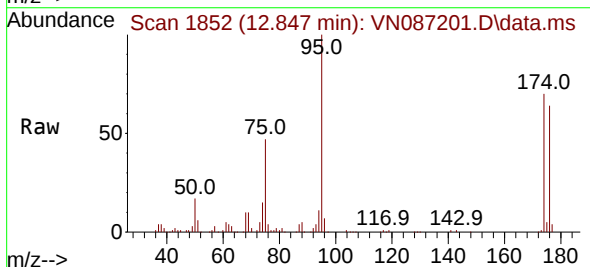
Tgt Ion:107 Resp: 122054
Ion Ratio Lower Upper
107 100
109 93.0 74.4 111.6

Manual Integrations
APPROVED

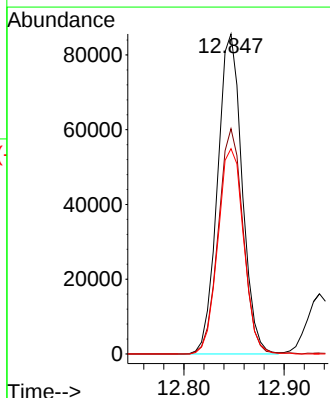
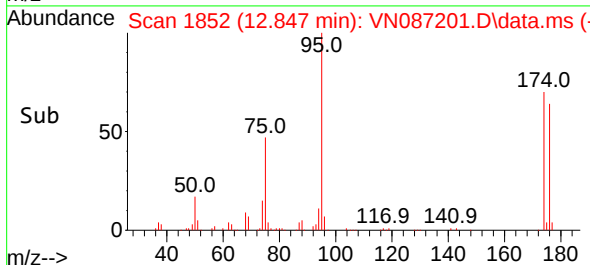
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

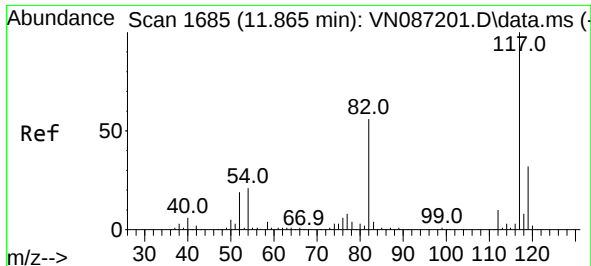


#62
4-Bromofluorobenzene
Concen: 49.179 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



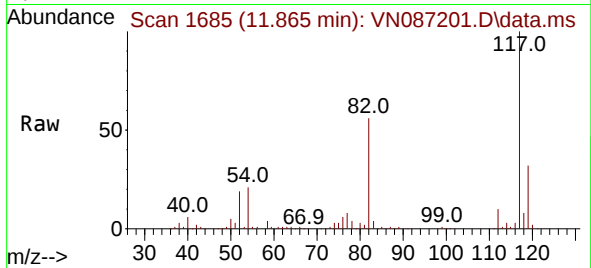
Tgt Ion: 95 Resp: 145372
Ion Ratio Lower Upper
95 100
174 71.1 0.0 142.2
176 67.4 0.0 134.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

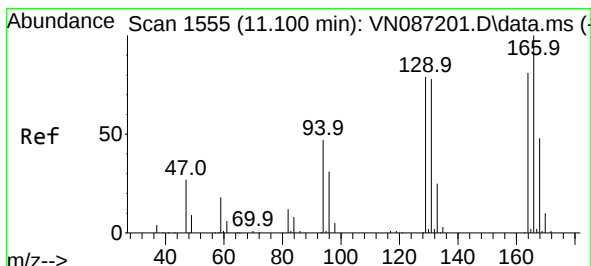
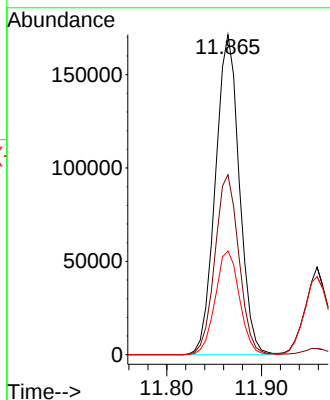
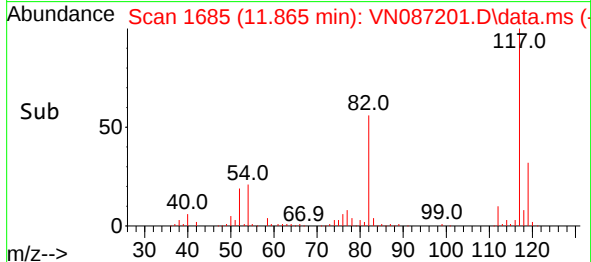
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



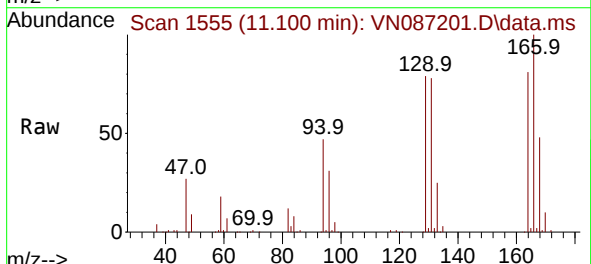
Tgt Ion:117 Resp: 301084
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.4 25.9 38.9

Manual Integrations
APPROVED

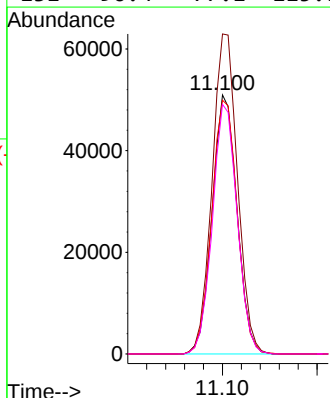
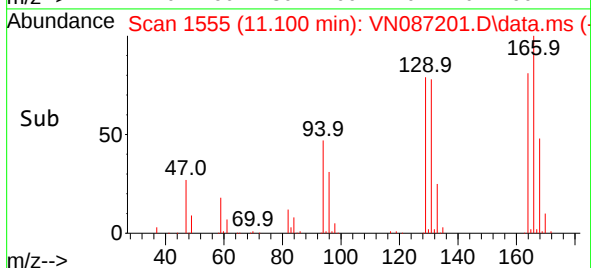
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

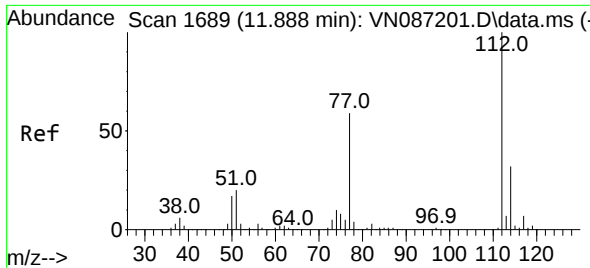


#64
Tetrachloroethene
Concen: 50.435 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



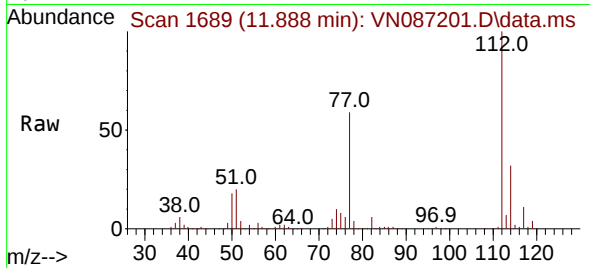
Tgt Ion:164 Resp: 92941
Ion Ratio Lower Upper
164 100
166 123.5 98.8 148.2
129 97.9 78.3 117.5
131 96.4 77.1 115.7





#65
Chlorobenzene
Concen: 50.087 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

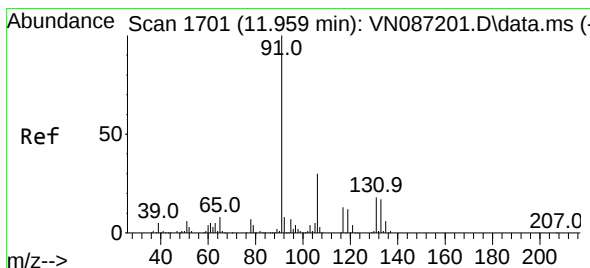
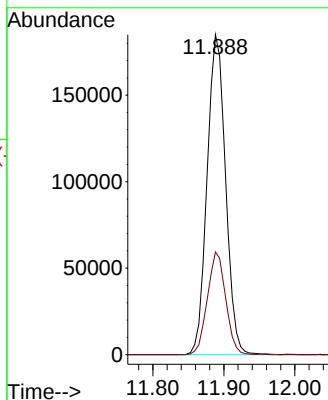
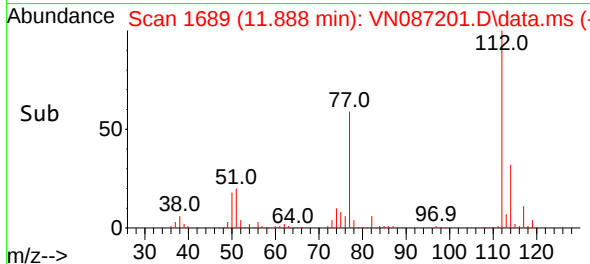
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



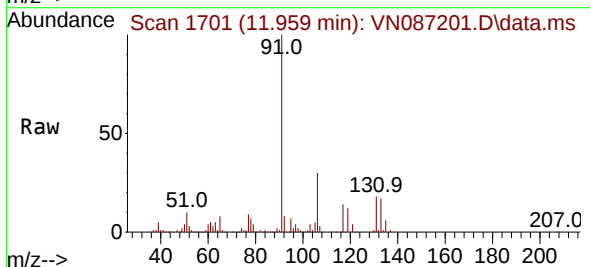
Tgt Ion:112 Resp: 33449
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

Manual Integrations
APPROVED

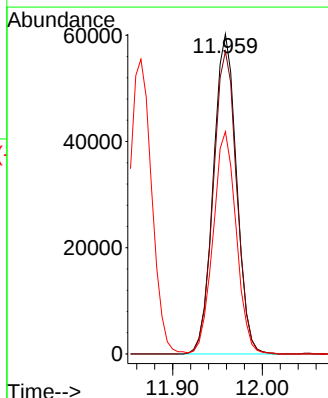
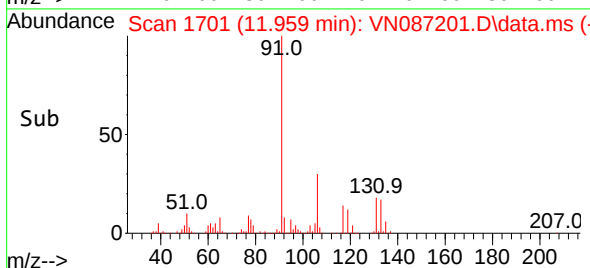
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

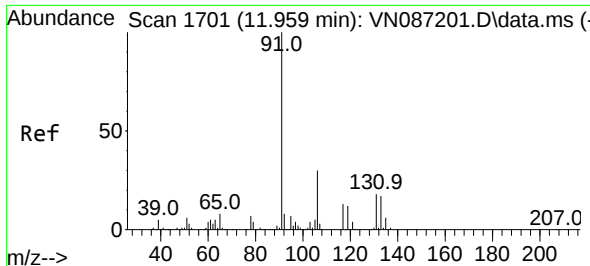


#66
1,1,1,2-Tetrachloroethane
Concen: 50.590 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



Tgt Ion:131 Resp: 107915
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 69.3 34.6 103.9





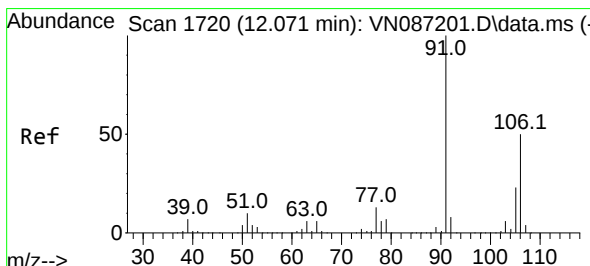
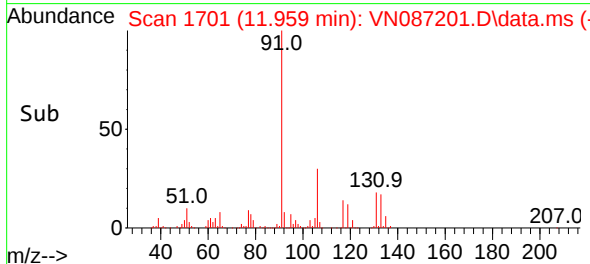
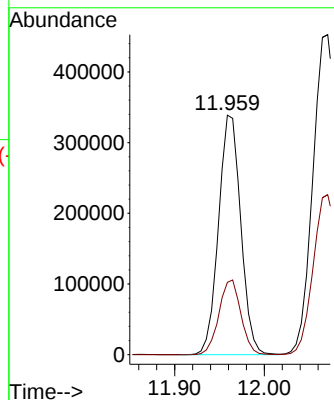
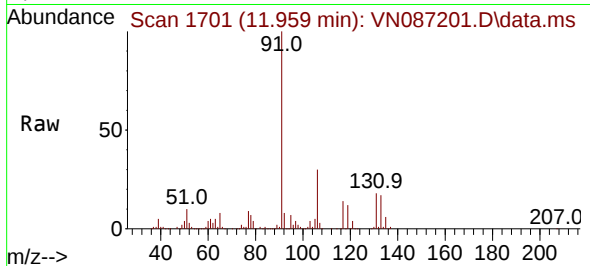
#67
Ethyl Benzene
Concen: 52.413 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 583775
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

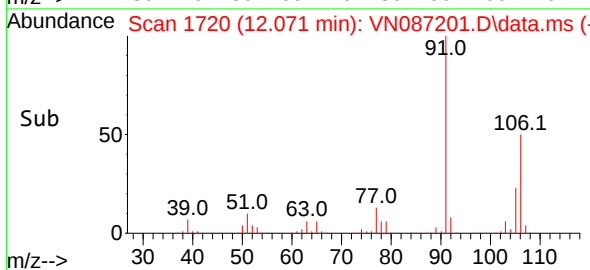
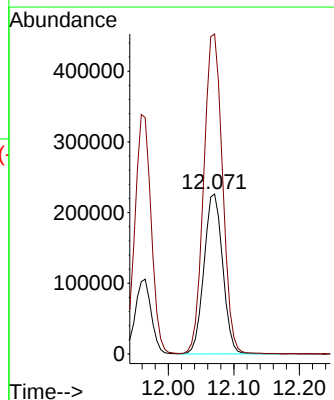
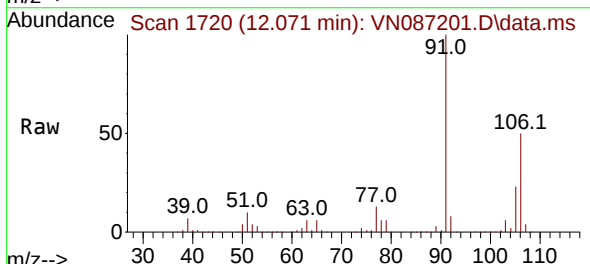
Manual Integrations
APPROVED

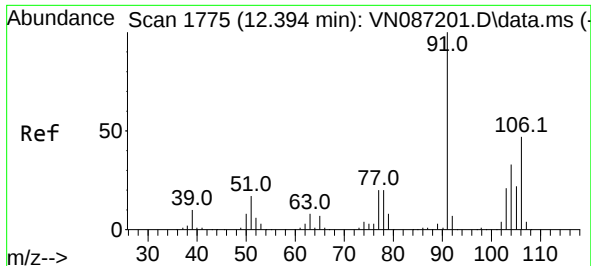
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#68
m/p-Xylenes
Concen: 105.112 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Tgt Ion:106 Resp: 447952
Ion Ratio Lower Upper
106 100
91 201.3 161.0 241.6





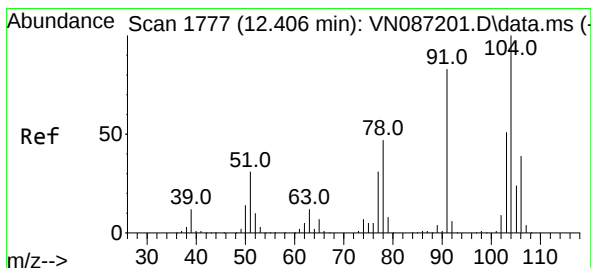
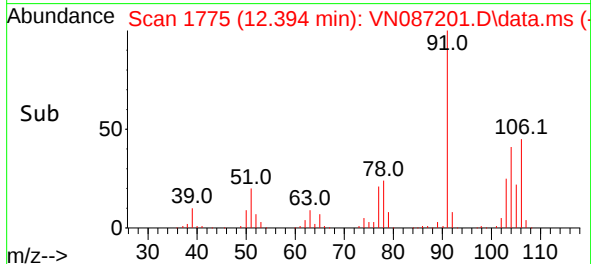
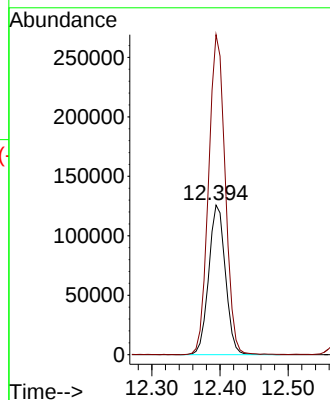
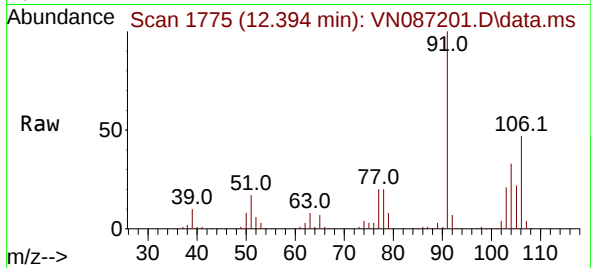
#69
o-Xylene
Concen: 55.335 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 21437
Ion Ratio Lower Upper
106 100
91 213.4 106.7 320.1

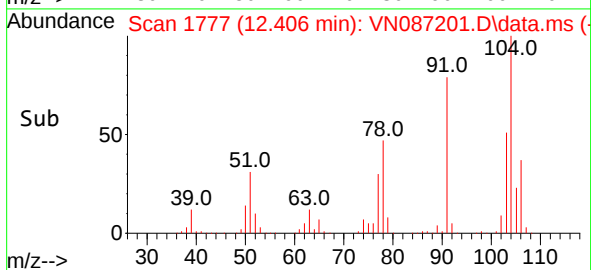
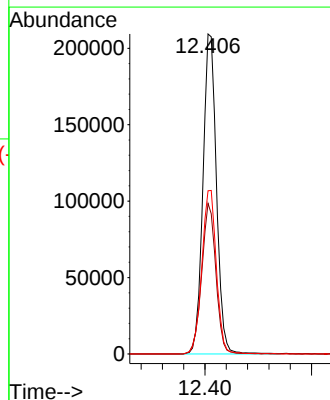
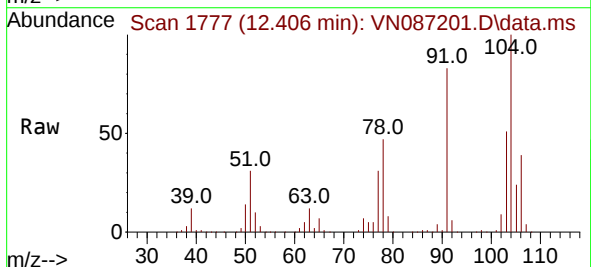
Manual Integrations
APPROVED

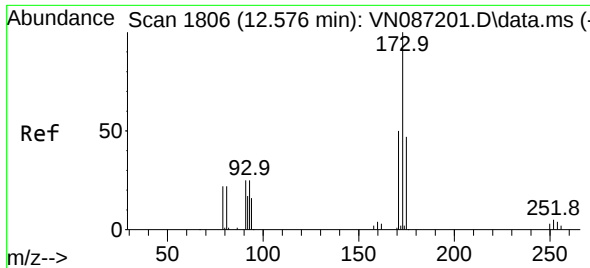
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#70
Styrene
Concen: 55.488 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

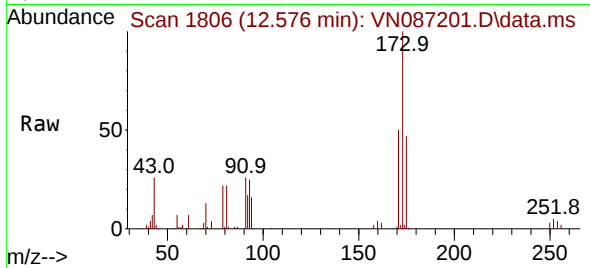
Tgt Ion:104 Resp: 368973
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 54.7 43.8 65.6





#71
Bromoform
Concen: 52.969 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

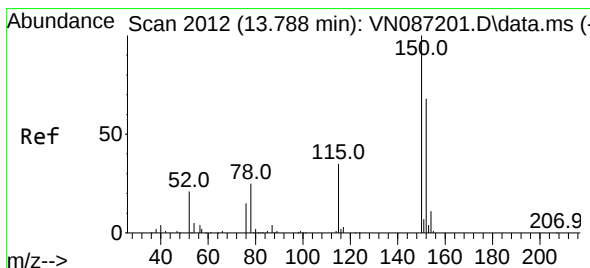
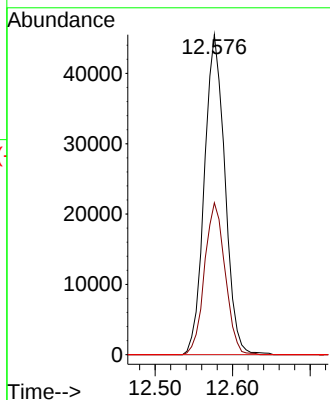
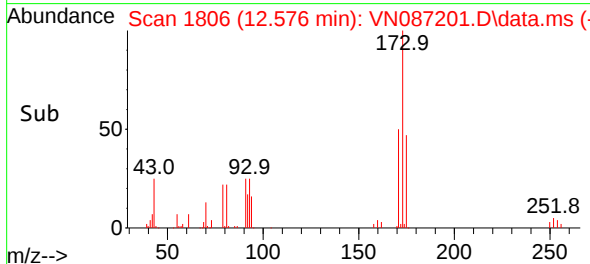
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



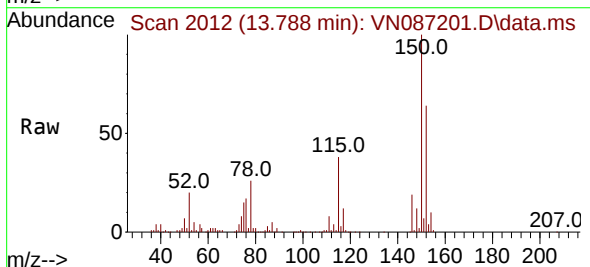
Tgt Ion:173 Resp: 83854
Ion Ratio Lower Upper
173 100
175 47.5 23.8 71.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

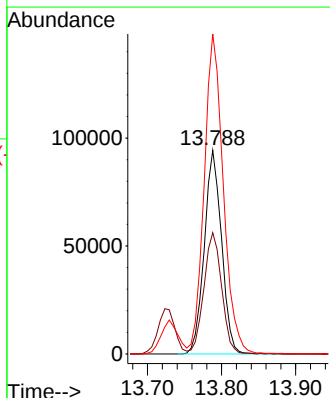
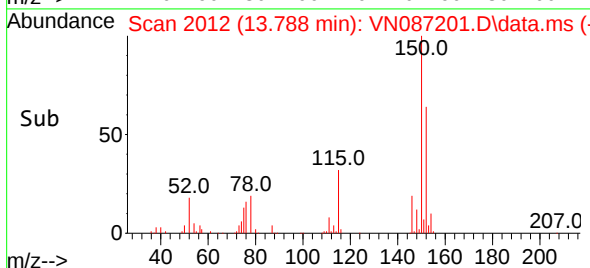
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

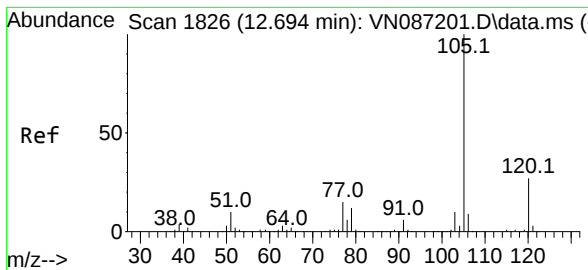


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



Tgt Ion:152 Resp: 152931
Ion Ratio Lower Upper
152 100
115 61.2 30.6 91.8
150 173.9 0.0 347.8





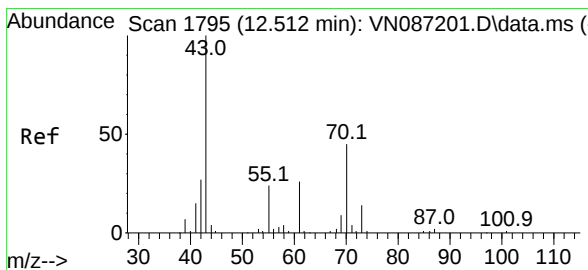
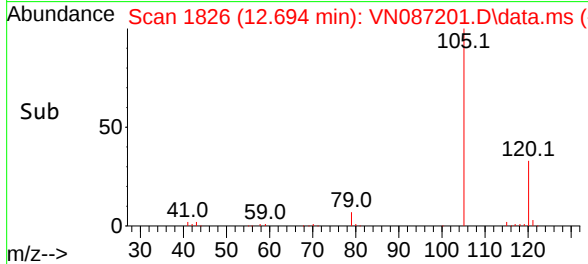
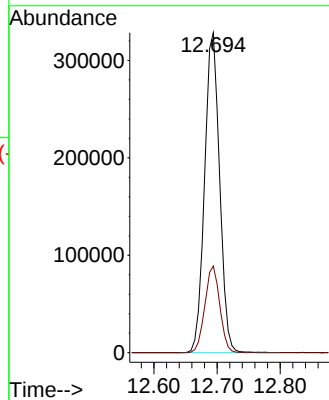
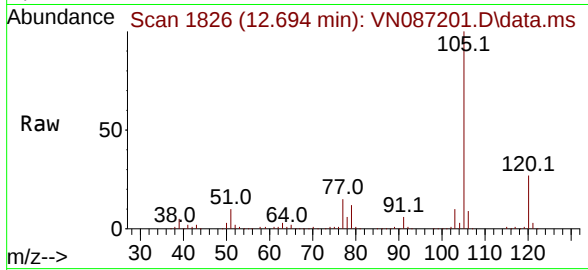
#73
Isopropylbenzene
Concen: 52.275 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 54119
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

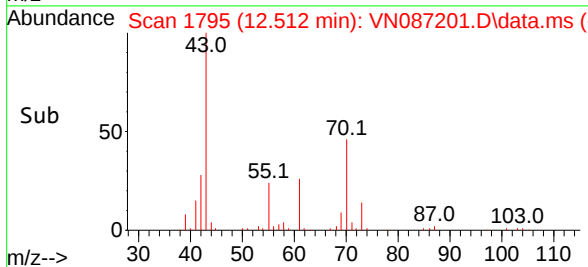
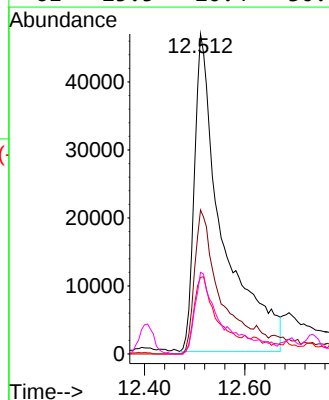
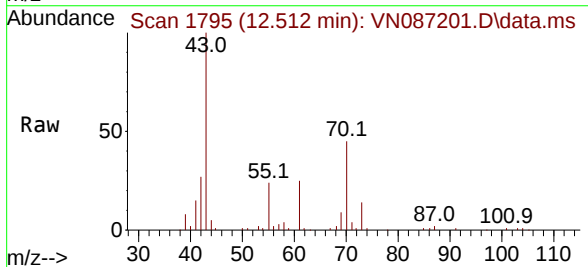
Manual Integrations
APPROVED

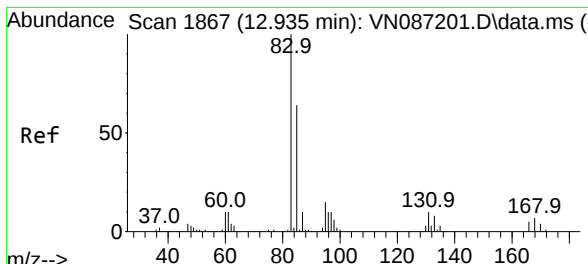
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#74
N-ethyl acetate
Concen: 47.270 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

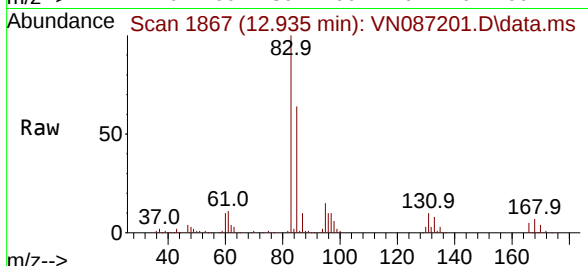
Tgt Ion: 43 Resp: 180830
Ion Ratio Lower Upper
43 100
70 41.0 32.8 49.2
55 20.5 16.4 24.6
61 25.5 20.4 30.6





#75
1,1,2,2-Tetrachloroethane
Concen: 49.697 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

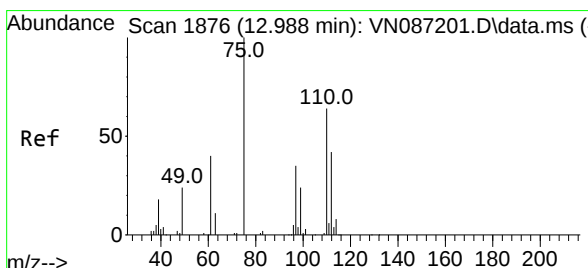
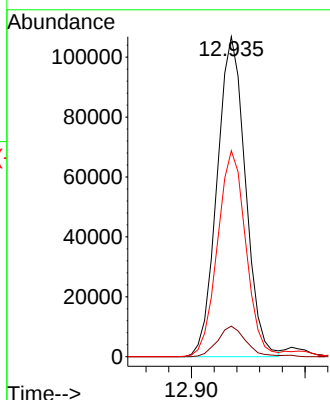
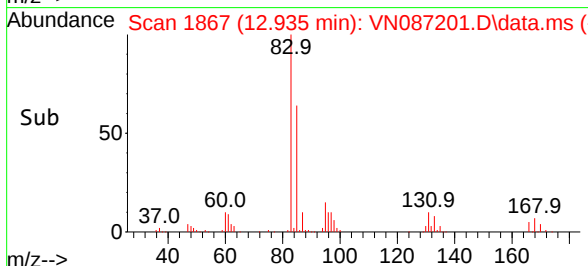
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 185309
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.3 32.1 96.5

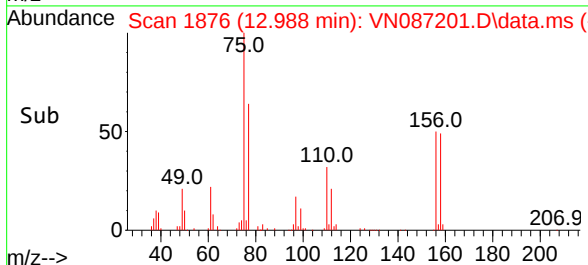
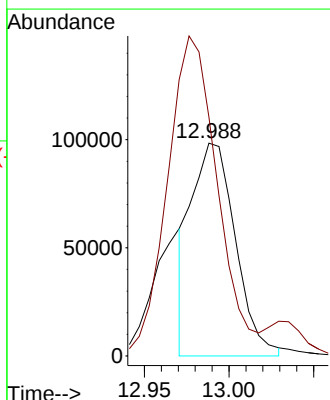
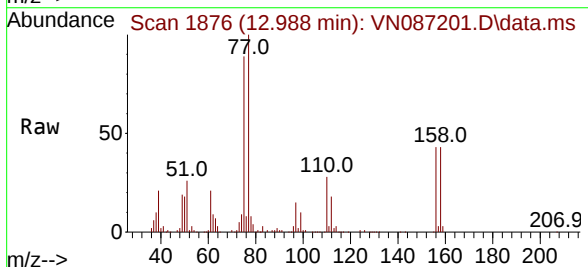
Manual Integrations
APPROVED

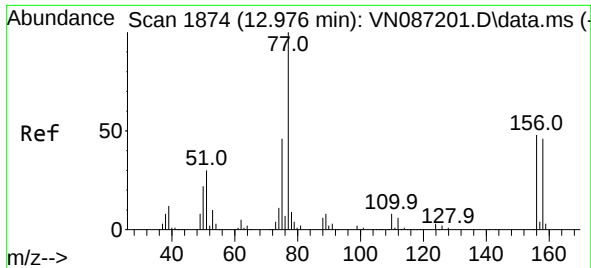
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#76
1,2,3-Trichloropropane
Concen: 49.382 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

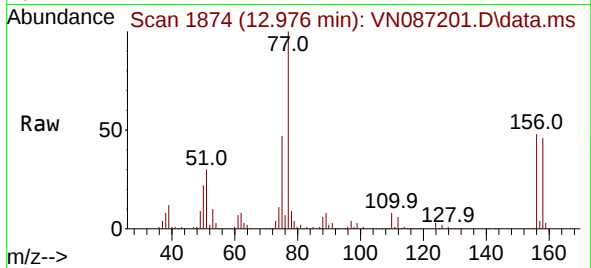
Tgt Ion: 75 Resp: 177665
Ion Ratio Lower Upper
75 100
77 171.1 85.5 256.6





#77
Bromobenzene
Concen: 50.495 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

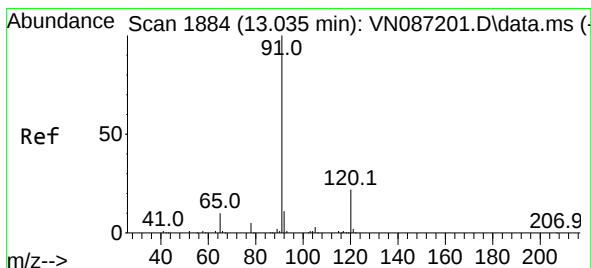
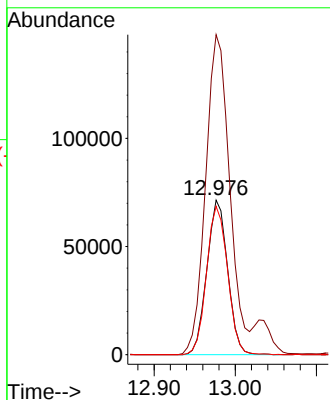
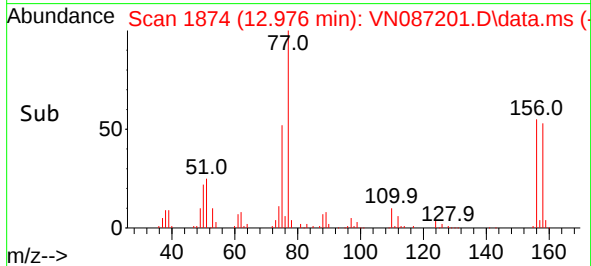
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



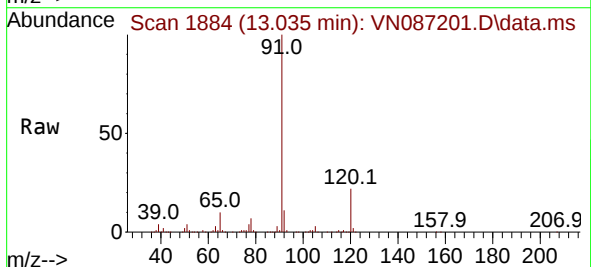
Tgt Ion:156 Resp: 127049
Ion Ratio Lower Upper
156 100
77 239.3 119.6 358.9
158 97.3 48.6 145.9

Manual Integrations
APPROVED

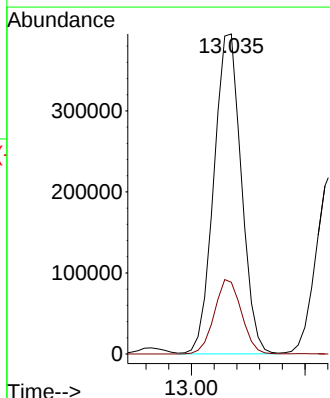
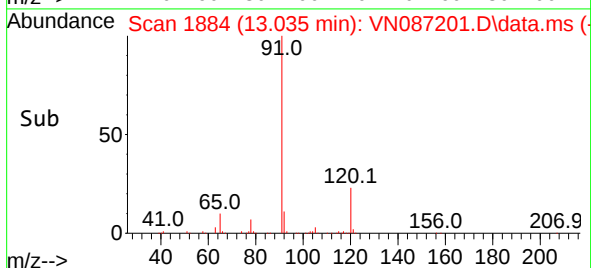
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

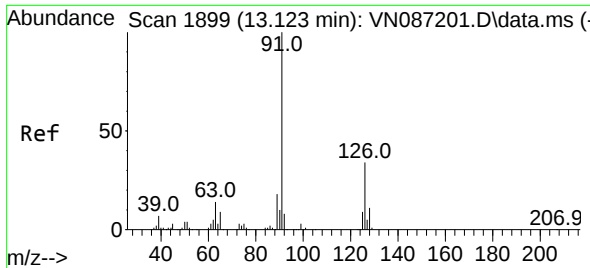


#78
n-propylbenzene
Concen: 52.062 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



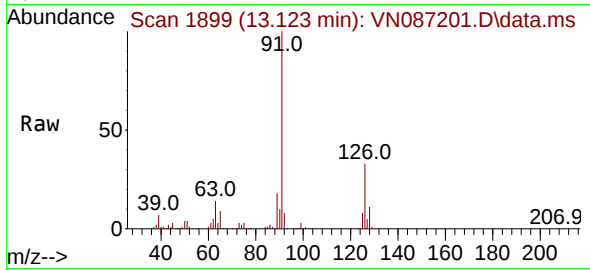
Tgt Ion: 91 Resp: 663853
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.451 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

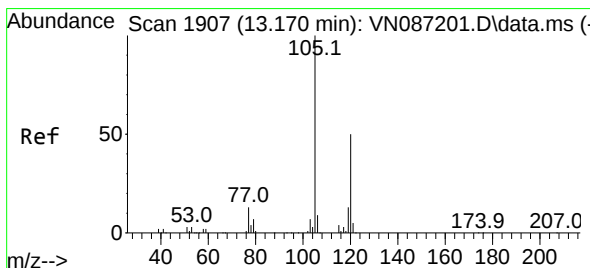
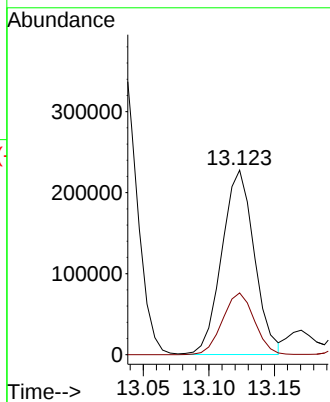
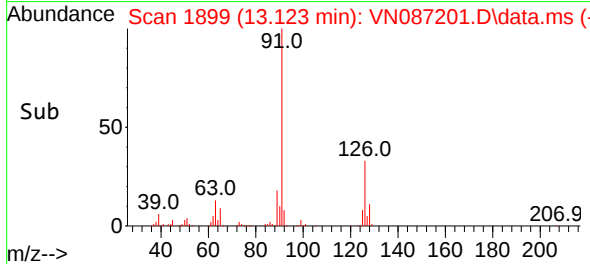
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



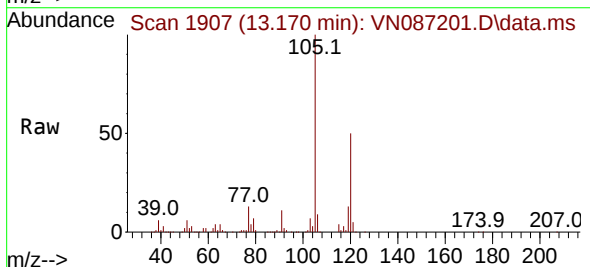
Tgt Ion: 91 Resp: 392529
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

Manual Integrations
APPROVED

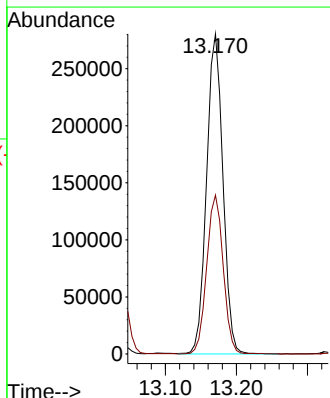
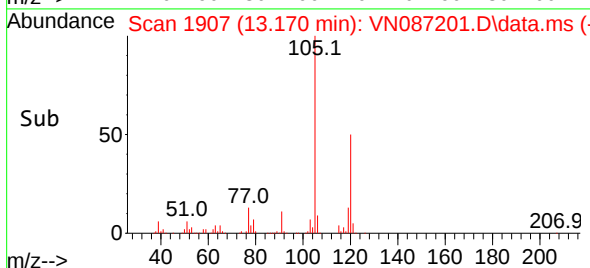
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

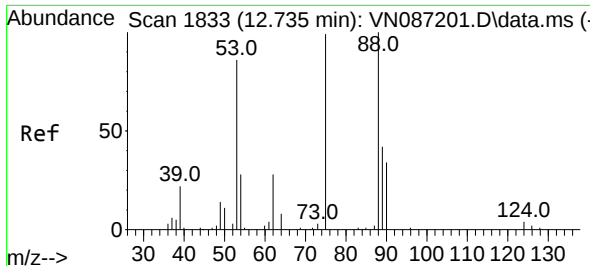


#80
1,3,5-Trimethylbenzene
Concen: 52.543 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



Tgt Ion:105 Resp: 449066
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.3





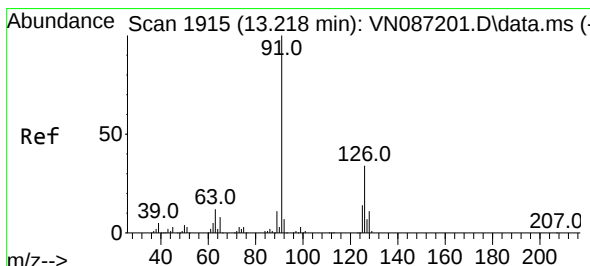
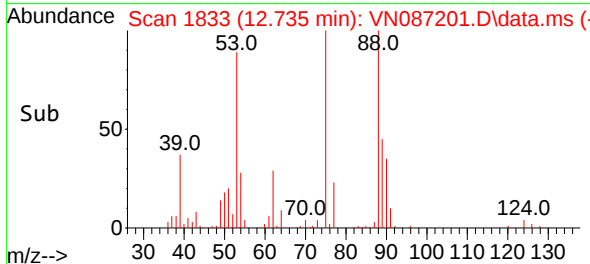
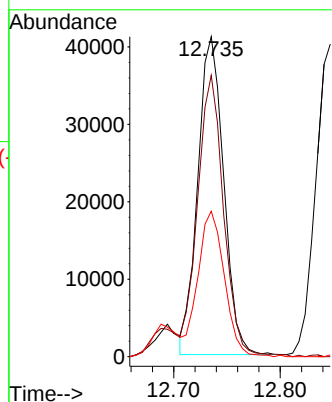
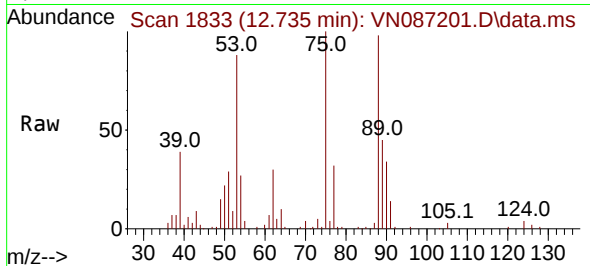
#81
trans-1,4-Dichloro-2-butene
Concen: 45.683 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 6945
Ion Ratio Lower Upper
75 100
53 89.2 71.4 107.0
89 47.4 37.9 56.9

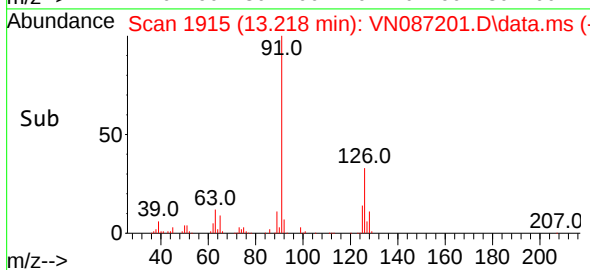
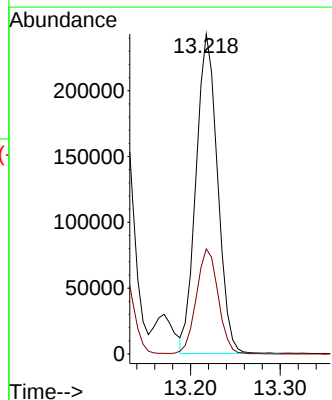
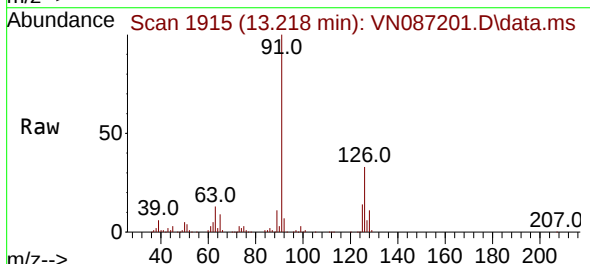
Manual Integrations
APPROVED

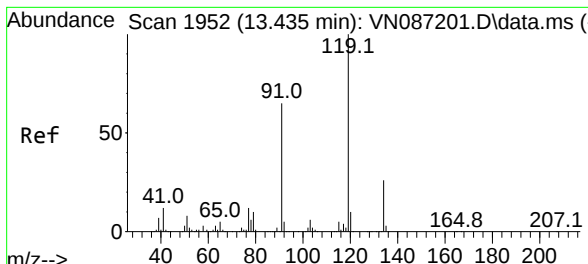
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#82
4-Chlorotoluene
Concen: 51.055 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

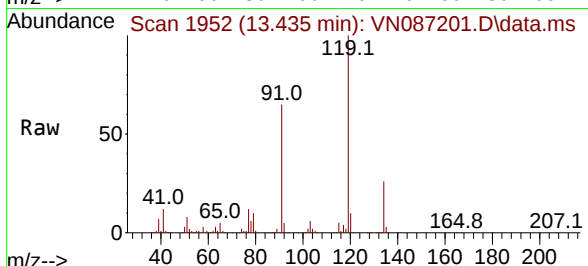
Tgt Ion: 91 Resp: 404012
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.1





#83
tert-Butylbenzene
Concen: 52.541 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

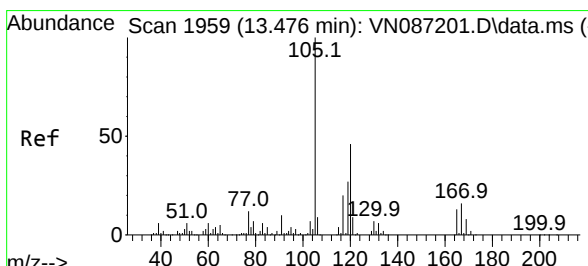
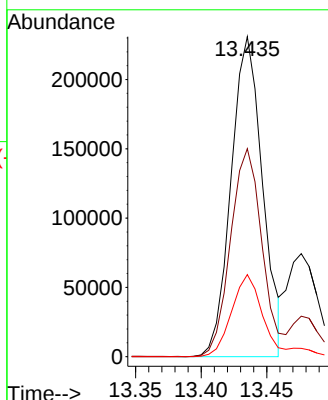
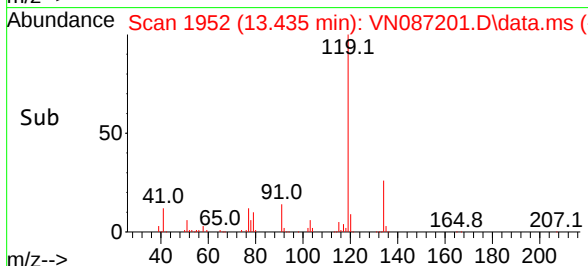
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



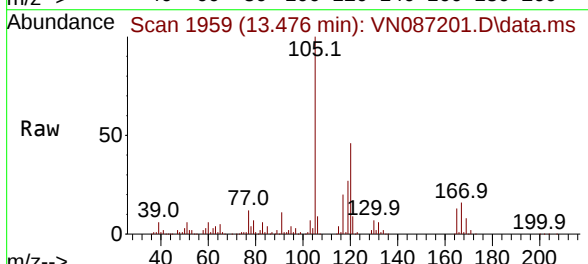
Tgt Ion:119 Resp: 38572
Ion Ratio Lower Upper
119 100
91 65.8 32.9 98.7
134 26.9 13.5 40.4

Manual Integrations
APPROVED

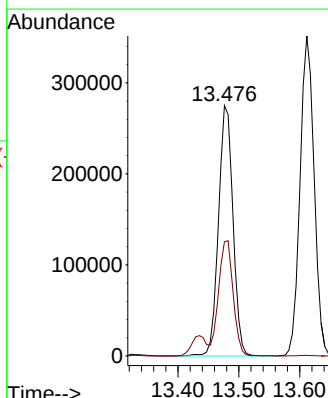
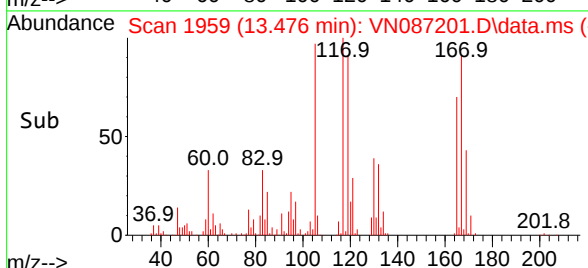
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

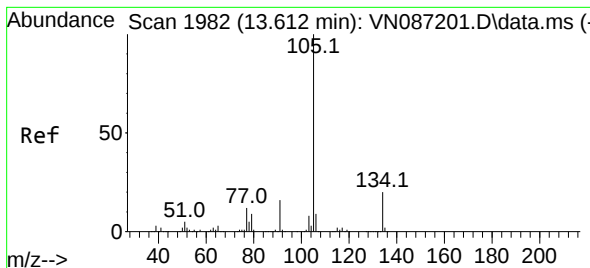


#84
1,2,4-Trimethylbenzene
Concen: 52.467 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



Tgt Ion:105 Resp: 455006
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 52.188 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 564464

Ion Ratio Lower Upper

105 100

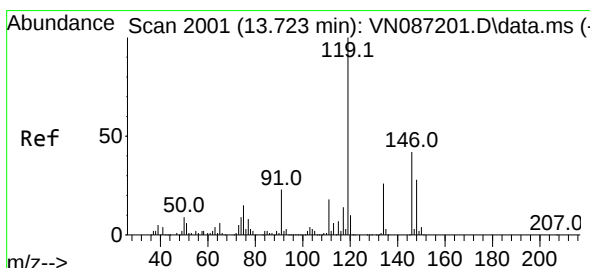
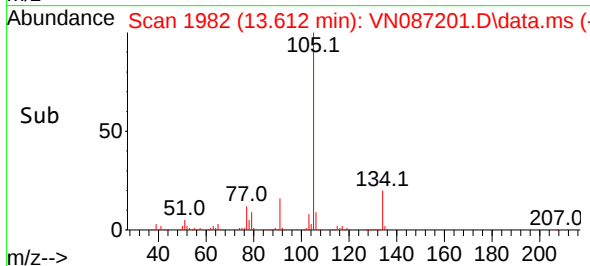
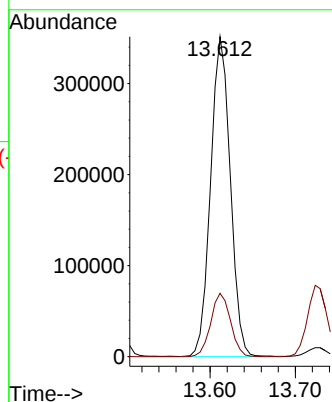
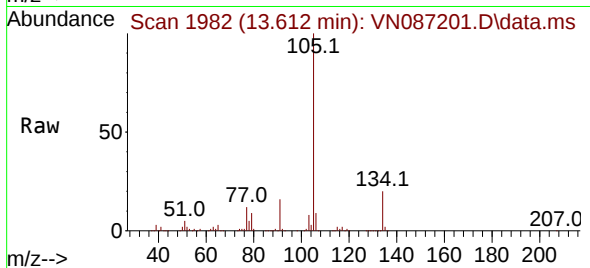
134 19.8 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#86

p-Isopropyltoluene

Concen: 52.722 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

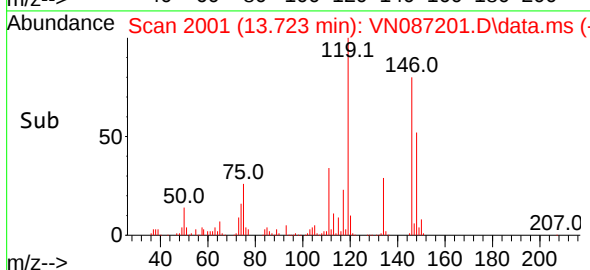
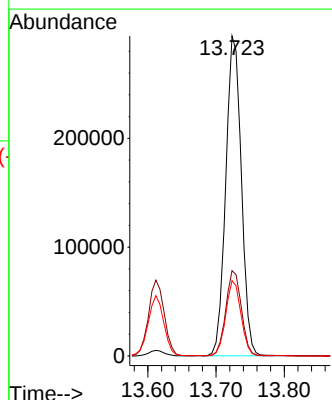
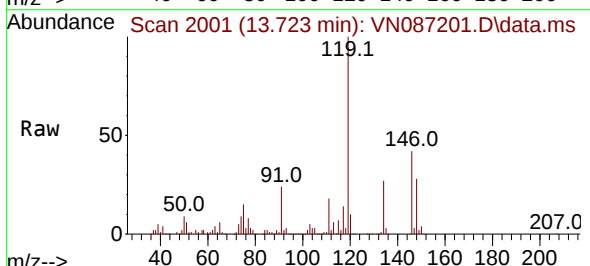
Tgt Ion:119 Resp: 467682

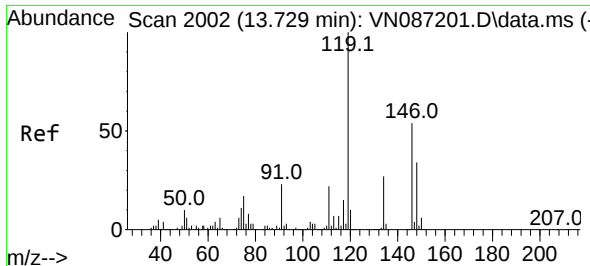
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

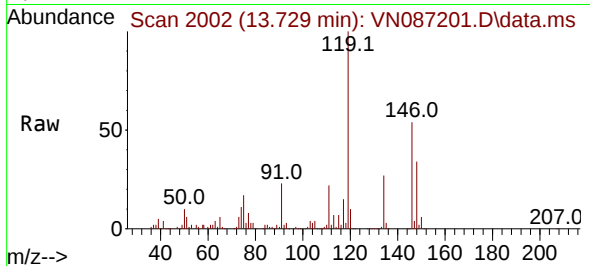
91 22.9 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 49.293 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

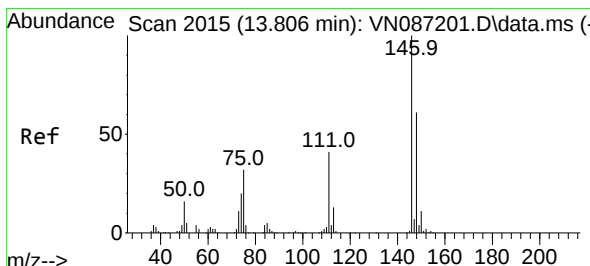
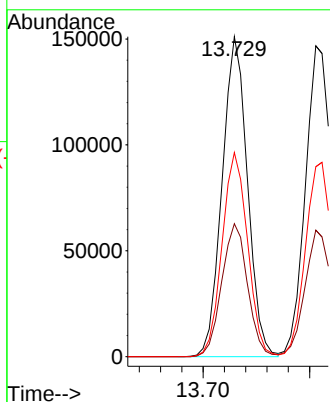
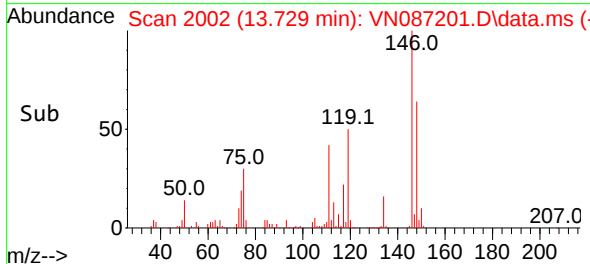
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050



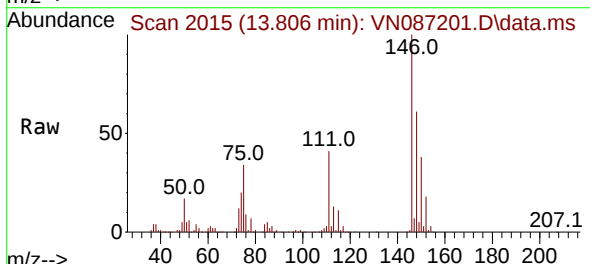
Tgt Ion:146 Resp: 24957
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.4
148 64.1 32.0 96.2

Manual Integrations
APPROVED

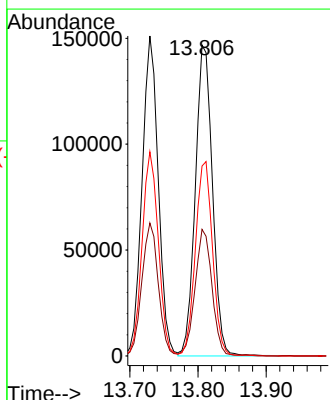
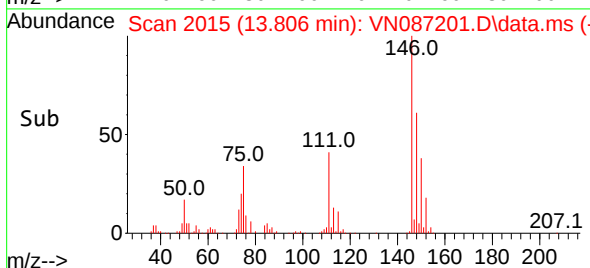
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

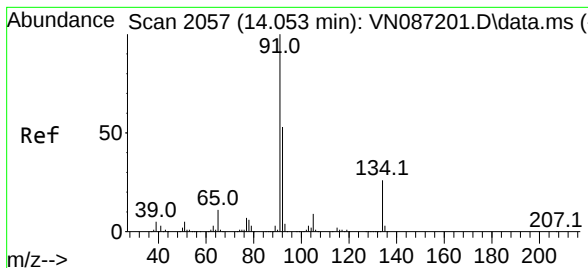


#88
1,4-Dichlorobenzene
Concen: 49.284 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57



Tgt Ion:146 Resp: 256559
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.6
148 62.7 31.4 94.0





#89

n-Butylbenzene

Concen: 51.828 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

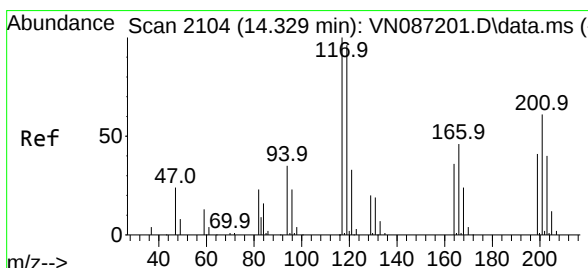
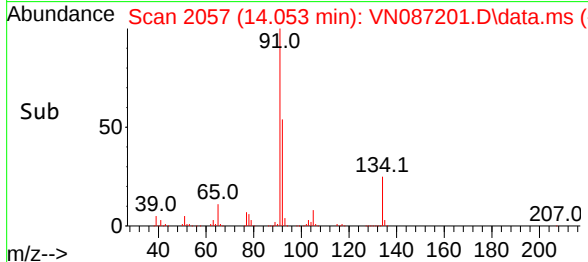
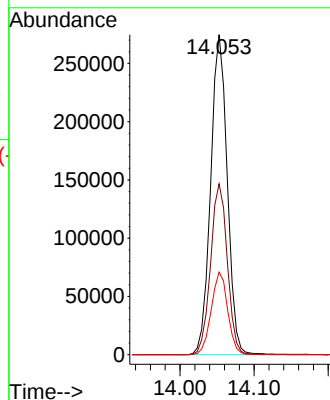
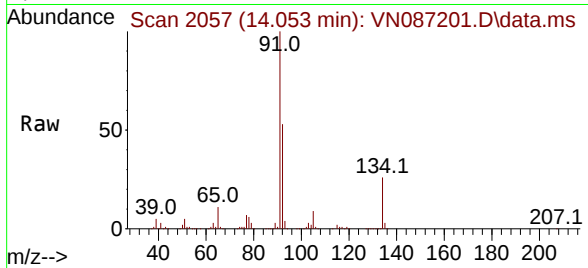
Tgt Ion:	91	Resp:	427150
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.7
134	25.6	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#90

Hexachloroethane

Concen: 49.870 ug/l

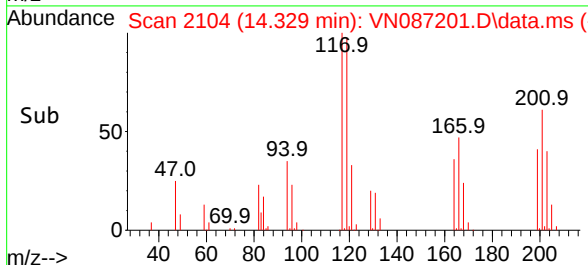
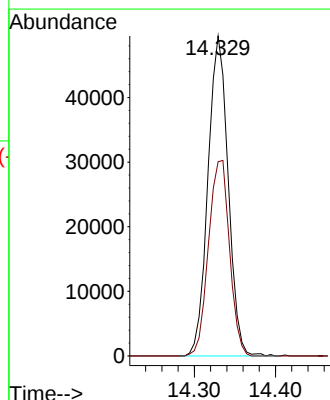
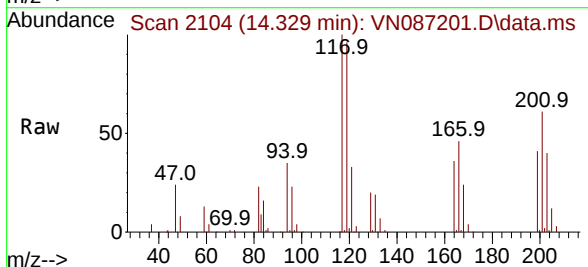
RT: 14.329 min Scan# 2104

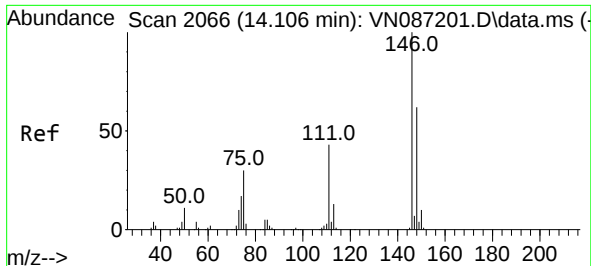
Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Tgt Ion:	117	Resp:	85610
Ion	Ratio	Lower	Upper
117	100		
201	63.5	31.8	95.3





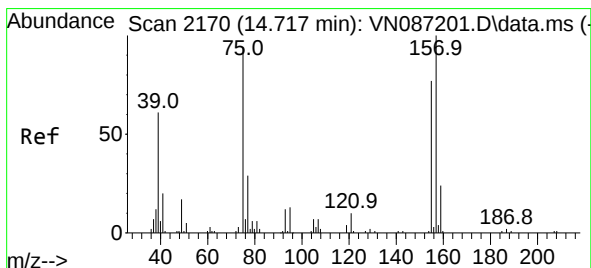
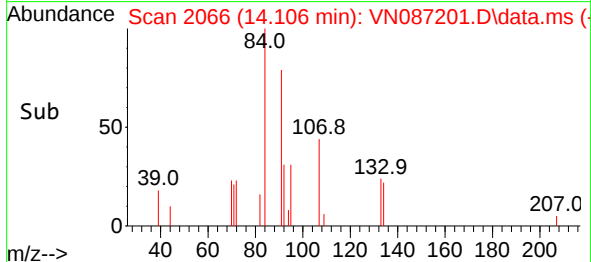
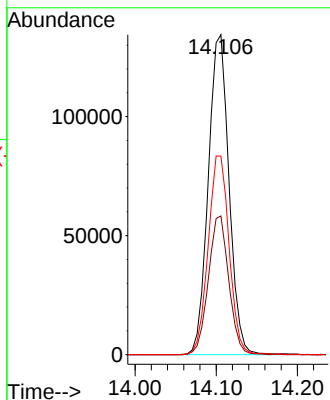
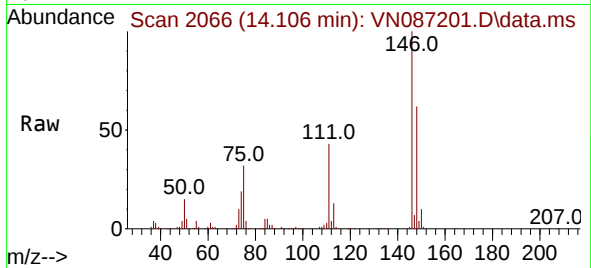
#91
1,2-Dichlorobenzene
Concen: 49.973 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 238290
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.2
148 63.0 31.5 94.5

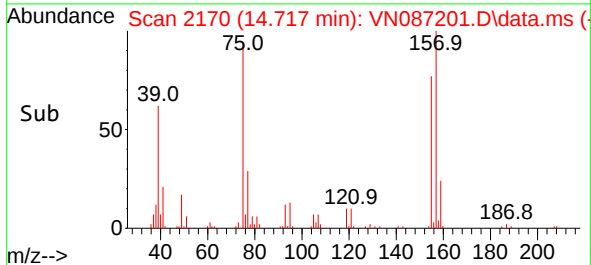
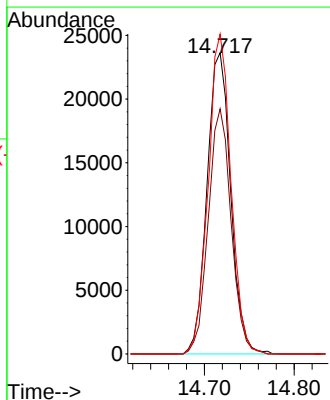
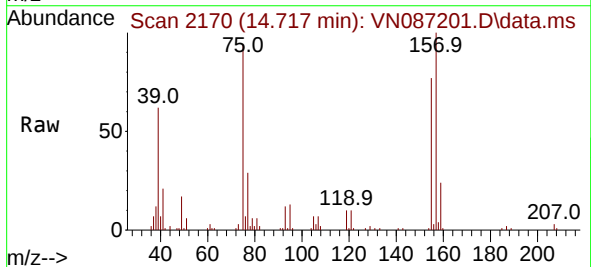
Manual Integrations
APPROVED

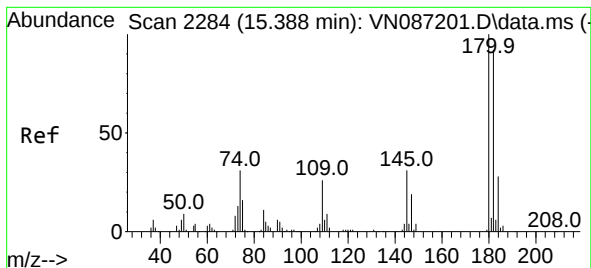
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.908 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN087201.D
Acq: 26 Jun 2025 17:57

Tgt Ion: 75 Resp: 43332
Ion Ratio Lower Upper
75 100
155 78.7 39.4 118.1
157 102.3 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 51.482 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 13666

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

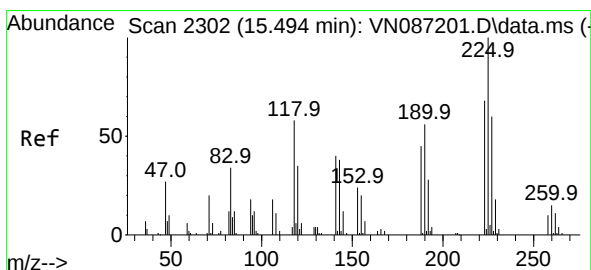
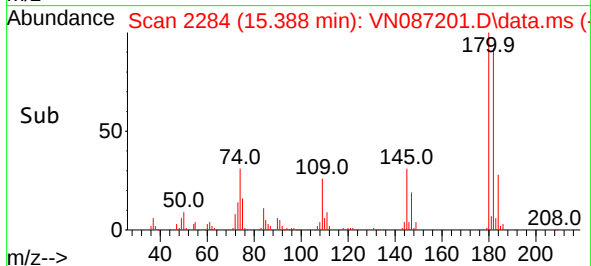
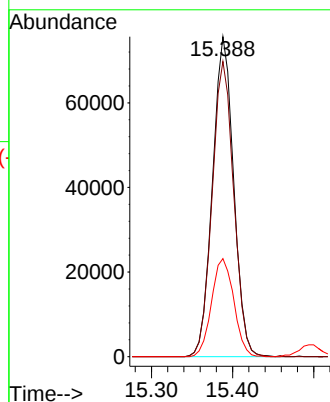
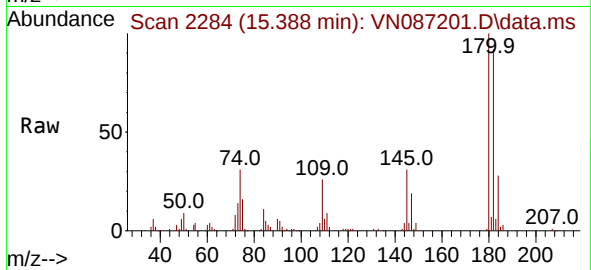
145 32.3 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#94

Hexachlorobutadiene

Concen: 49.636 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

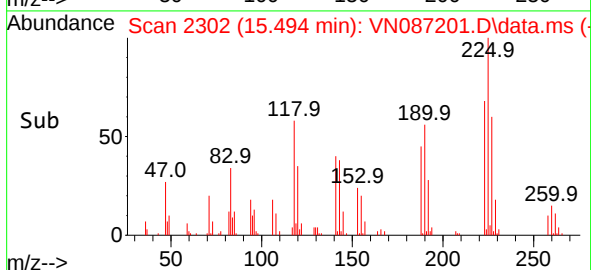
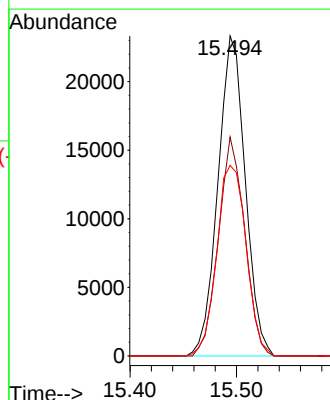
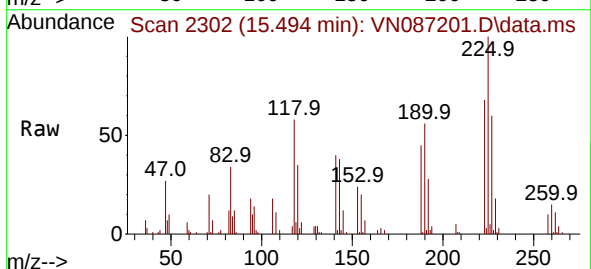
Tgt Ion:225 Resp: 41567

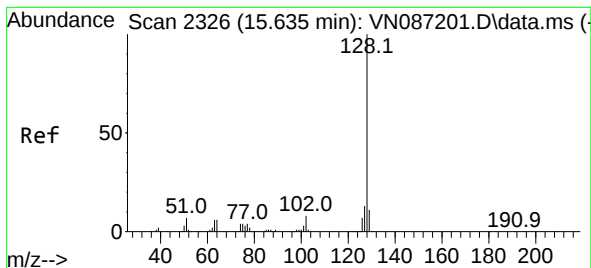
Ion Ratio Lower Upper

225 100

223 65.7 32.9 98.6

227 64.1 32.0 96.2





#95

Naphthalene

Concen: 52.709 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

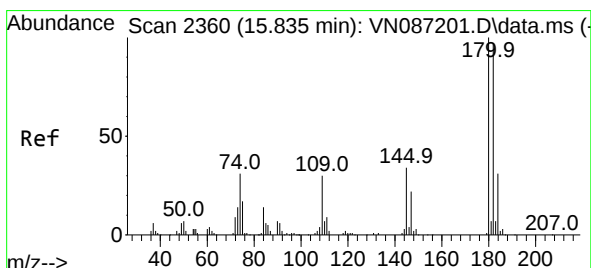
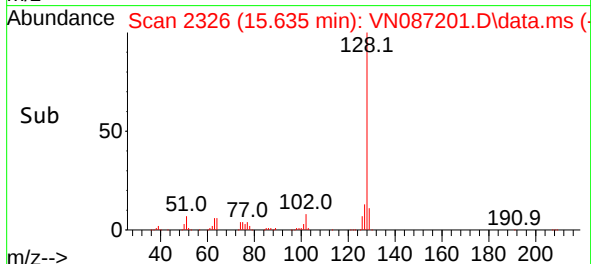
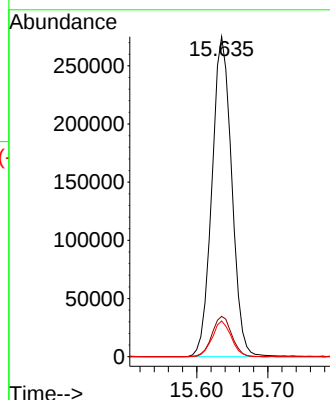
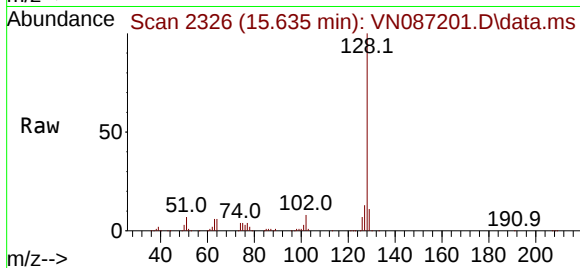
Tgt Ion:	128	Resp:	53084
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.027 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN087201.D

Acq: 26 Jun 2025 17:57

Tgt Ion:	180	Resp:	133747
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.5	142.6
145	33.8	16.9	50.7

