

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087015.D
 Acq On : 13 Jun 2025 20:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 14 00:35:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/16/2025
 Supervised By : Mahesh Dadoda 06/16/2025

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	177059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	323664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	120504	50.832	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.660%			
35) Dibromofluoromethane	8.177	113	104545	54.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.000%			
50) Toluene-d8	10.571	98	387445	51.025	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.040%			
62) 4-Bromofluorobenzene	12.847	95	148979	52.808	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	102513	58.068	ug/l	99
3) Chloromethane	2.395	50	115435	50.637	ug/l	98
4) Vinyl Chloride	2.554	62	145294	61.785	ug/l	98
5) Bromomethane	2.995	94	38834	29.510	ug/l	99
6) Chloroethane	3.153	64	91785	60.424	ug/l	96
7) Trichlorofluoromethane	3.530	101	184503	60.050	ug/l	95
8) Diethyl Ether	3.983	74	77594	57.964	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	109285	56.615	ug/l	99
10) Methyl Iodide	4.612	142	70915	28.340	ug/l	98
11) Tert butyl alcohol	5.542	59	167958	261.110	ug/l	99
12) 1,1-Dichloroethene	4.371	96	118251	60.004	ug/l	91
13) Acrolein	4.200	56	19026	93.443	ug/l	99
14) Allyl chloride	5.047	41	165051	50.500	ug/l	97
15) Acrylonitrile	5.742	53	405166	269.483	ug/l	99
16) Acetone	4.447	43	309658	246.315	ug/l	98
17) Carbon Disulfide	4.742	76	357127	65.513	ug/l	100
18) Methyl Acetate	5.047	43	169286	46.208	ug/l	97
19) Methyl tert-butyl Ether	5.818	73	394017	55.219	ug/l	97
20) Methylene Chloride	5.300	84	131735	55.971	ug/l	95
21) trans-1,2-Dichloroethene	5.812	96	125710	57.334	ug/l	96
22) Diisopropyl ether	6.689	45	368851	53.539	ug/l	98
23) Vinyl Acetate	6.618	43	1623406	278.900	ug/l	98
24) 1,1-Dichloroethane	6.583	63	223707	56.425	ug/l	99
25) 2-Butanone	7.494	43	521890	255.393	ug/l	96
26) 2,2-Dichloropropane	7.500	77	140253	45.477	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	147981	56.434	ug/l	97
28) Bromochloromethane	7.824	49	104187	53.447	ug/l	93
29) Tetrahydrofuran	7.847	42	344827	259.039	ug/l	95
30) Chloroform	7.977	83	220616	55.720	ug/l	97
31) Cyclohexane	8.271	56	201646	52.445	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	186520	55.388	ug/l	99
36) 1,1-Dichloropropene	8.383	75	165286	57.829	ug/l	99
37) Ethyl Acetate	7.571	43	192815	52.994	ug/l	98
38) Carbon Tetrachloride	8.371	117	158306	56.416	ug/l	96
39) Methylcyclohexane	9.606	83	197918	50.543	ug/l	96
40) Benzene	8.612	78	530188	56.727	ug/l	99

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Quant Time: Jun 14 00:35:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	107778	52.745	ug/l	96
42) 1,2-Dichloroethane	8.677	62	156821	55.319	ug/l	100
43) Isopropyl Acetate	8.694	43	300238	51.413	ug/l	97
44) Trichloroethene	9.359	130	128567	58.013	ug/l	99
45) 1,2-Dichloropropane	9.624	63	128559	56.539	ug/l	99
46) Dibromomethane	9.712	93	86619	57.352	ug/l	99
47) Bromodichloromethane	9.894	83	174176	56.051	ug/l	98
48) Methyl methacrylate	9.688	41	138963	51.701	ug/l	96
49) 1,4-Dioxane	9.706	88	52836	1080.544	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	936186	266.296	ug/l	97
52) Toluene	10.635	92	326827	57.220	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	188870	54.355	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	205259	55.209	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	122125	55.567	ug/l	98
56) Ethyl methacrylate	10.882	69	208346	59.518	ug/l	94
57) 1,3-Dichloropropane	11.165	76	214803	56.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	582139	278.815	ug/l	99
59) 2-Hexanone	11.200	43	633853	279.908	ug/l	93
60) Dibromochloromethane	11.359	129	131961	57.629	ug/l	100
61) 1,2-Dibromoethane	11.471	107	129432	57.456	ug/l	99
64) Tetrachloroethene	11.106	164	110954	61.148	ug/l	97
65) Chlorobenzene	11.894	112	353548	55.910	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	112219	55.207	ug/l	100
67) Ethyl Benzene	11.965	91	600721	55.151	ug/l	99
68) m/p-Xylenes	12.071	106	474265	113.745	ug/l	99
69) o-Xylene	12.400	106	226555	56.733	ug/l	99
70) Styrene	12.412	104	391256	57.257	ug/l	99
71) Bromoform	12.582	173	86089	57.160	ug/l #	100
73) Isopropylbenzene	12.694	105	551423	52.915	ug/l	99
74) N-amyl acetate	12.512	43	190258	52.247	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	195192	55.290	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	163490m	48.082	ug/l	
77) Bromobenzene	12.982	156	134351	56.217	ug/l	95
78) n-propylbenzene	13.035	91	657646	51.930	ug/l	98
79) 2-Chlorotoluene	13.123	91	405474	53.388	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	452624	52.608	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	56569	38.297	ug/l	97
82) 4-Chlorotoluene	13.218	91	415698	54.095	ug/l	99
83) tert-Butylbenzene	13.435	119	402449	51.101	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	466357	54.055	ug/l	99
85) sec-Butylbenzene	13.612	105	559228	48.896	ug/l	99
86) p-Isopropyltoluene	13.729	119	470095	49.723	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	254506	54.127	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	259312	54.093	ug/l	99
89) n-Butylbenzene	14.053	91	423209	46.215	ug/l	99
90) Hexachloroethane	14.329	117	68232	42.577	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	246617	54.592	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	43462	51.477	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	141048	48.896	ug/l	99
94) Hexachlorobutadiene	15.494	225	41240	38.372	ug/l	99
95) Naphthalene	15.635	128	574068	53.465	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	136299	47.556	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
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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

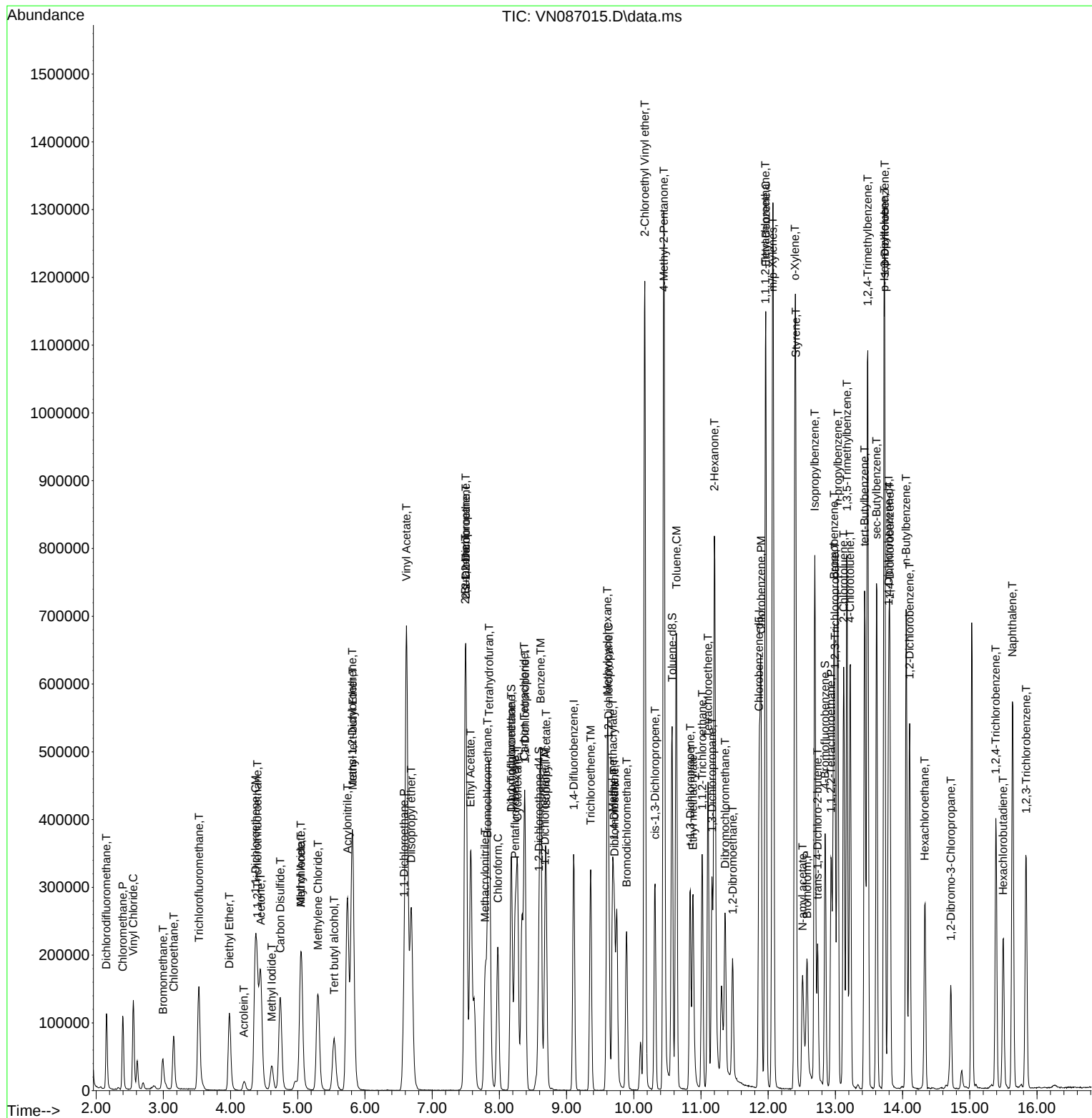
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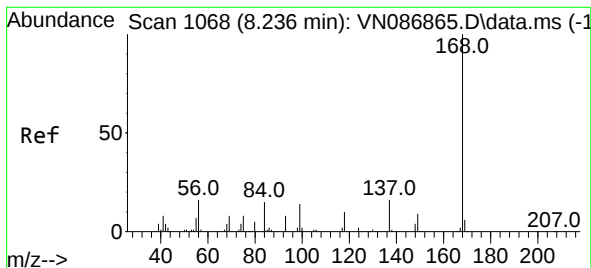
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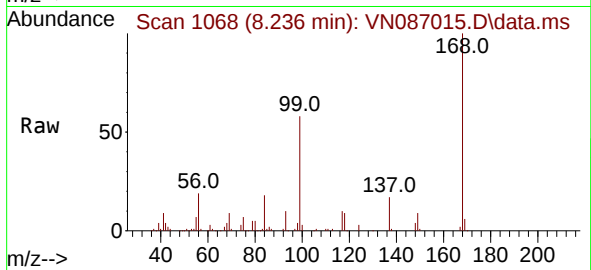
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

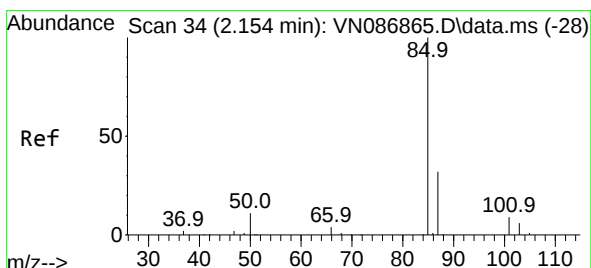
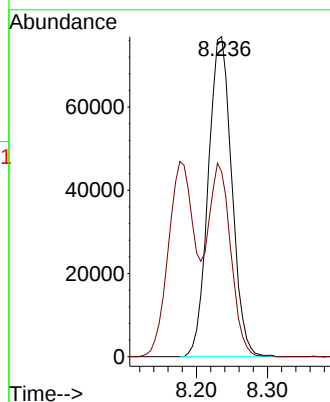
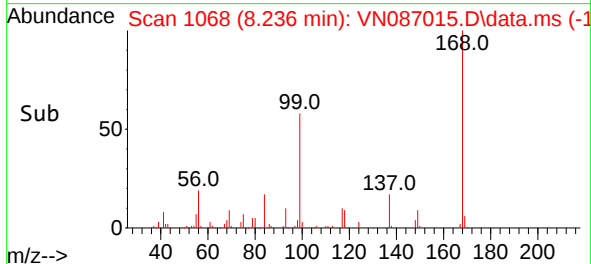
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 177059
Ion Ratio Lower Upper
168 100
99 57.8 49.1 73.7

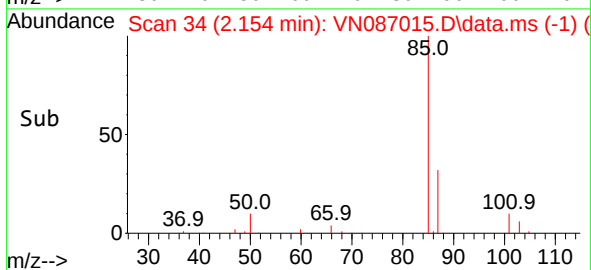
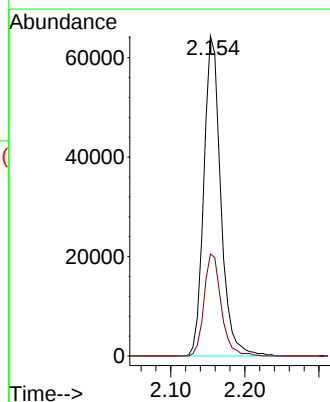
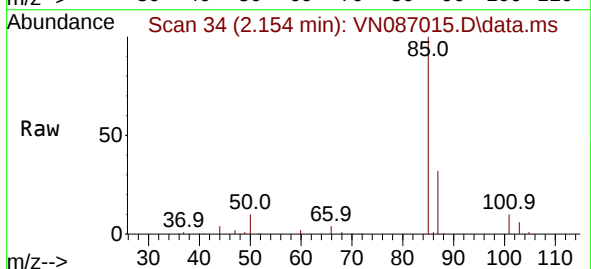
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 58.068 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

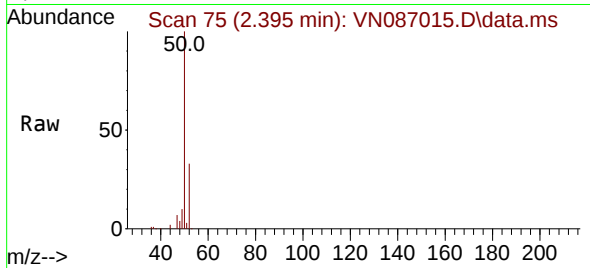
Tgt Ion: 85 Resp: 102513
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.6





#3
Chloromethane
Concen: 50.637 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

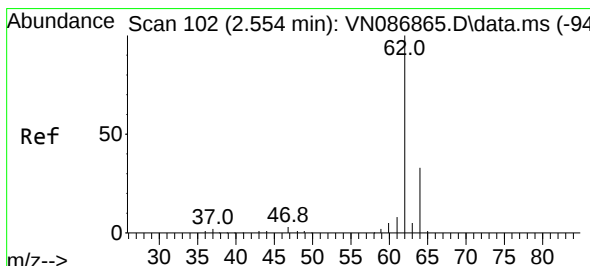
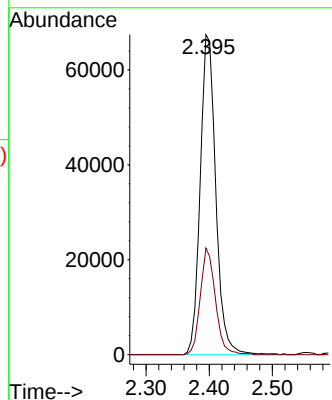
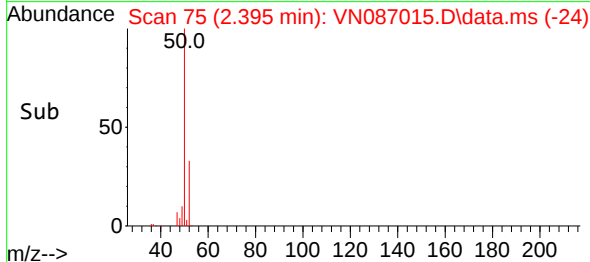
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 115435
Ion Ratio Lower Upper
50 100
52 33.3 25.7 38.5

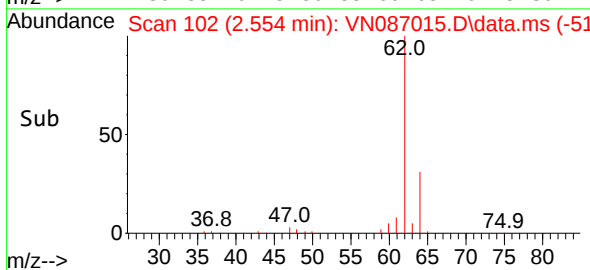
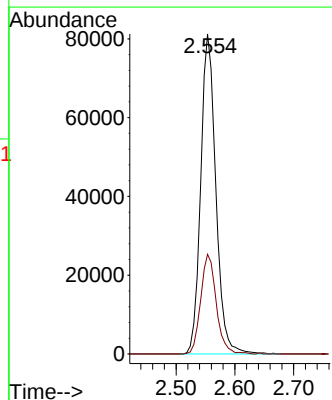
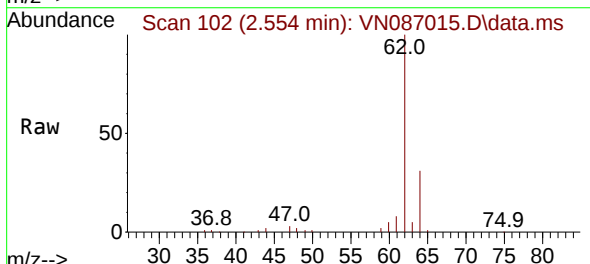
Manual Integrations
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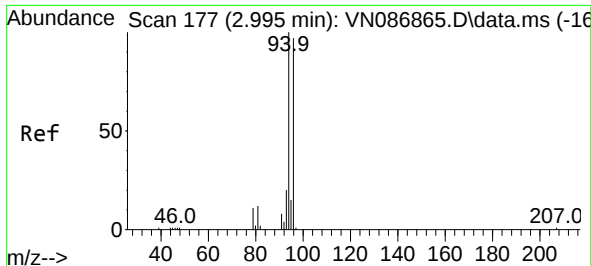
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#4
Vinyl Chloride
Concen: 61.785 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

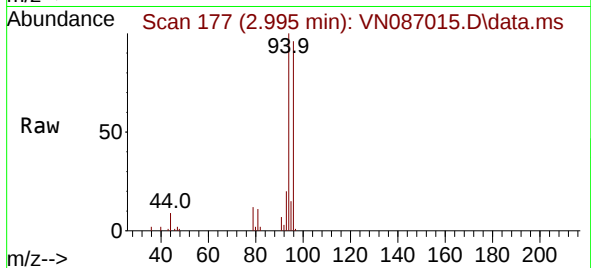
Tgt Ion: 62 Resp: 145294
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0





#5
Bromomethane
Concen: 29.510 ug/l
RT: 2.995 min Scan# 177
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

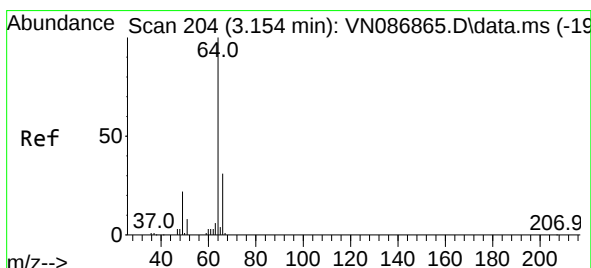
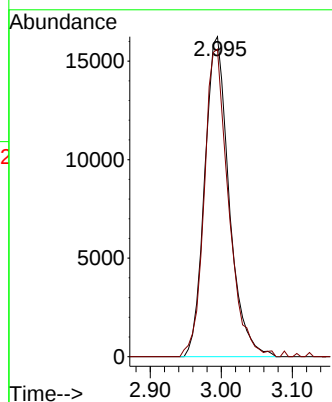
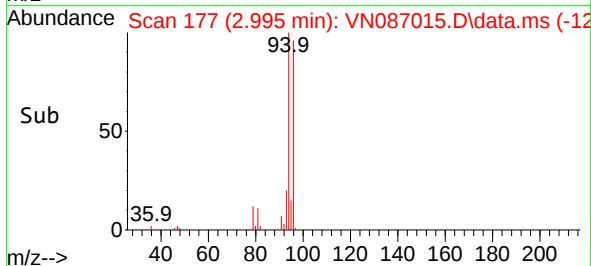
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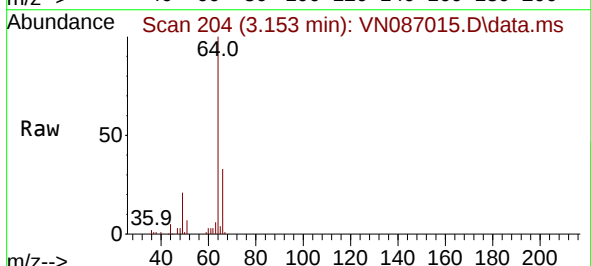
Tgt Ion: 94 Resp: 38834
Ion Ratio Lower Upper
94 100
96 96.1 77.9 116.9

Manual Integrations
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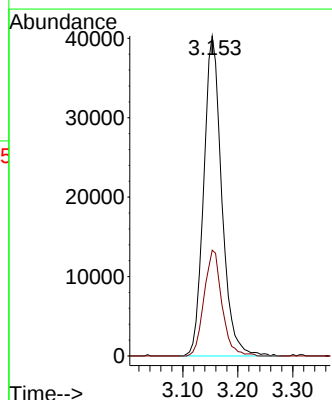
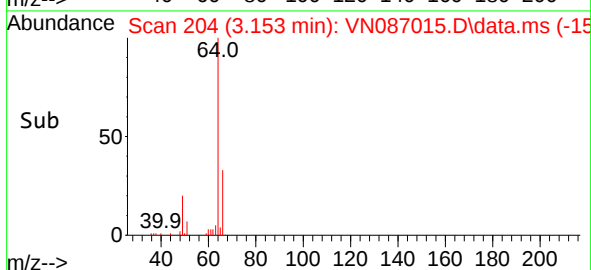
Reviewed By :John Carlone 06/16/2025
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#6
Chloroethane
Concen: 60.424 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



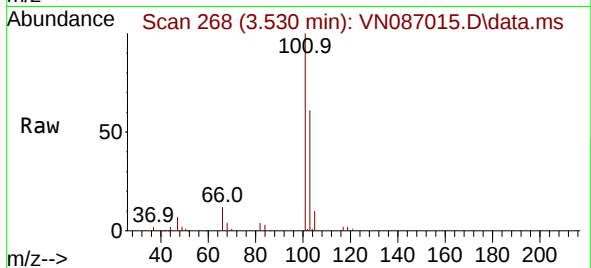
Tgt Ion: 64 Resp: 91785
Ion Ratio Lower Upper
64 100
66 33.0 24.6 36.8





#7
Trichlorofluoromethane
Concen: 60.050 ug/l
RT: 3.530 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

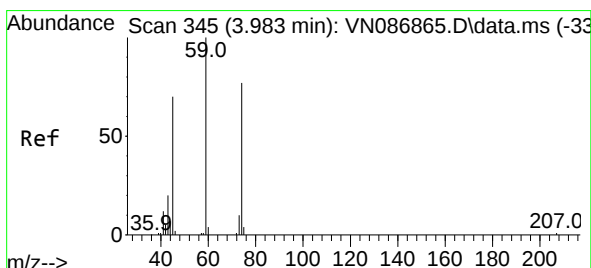
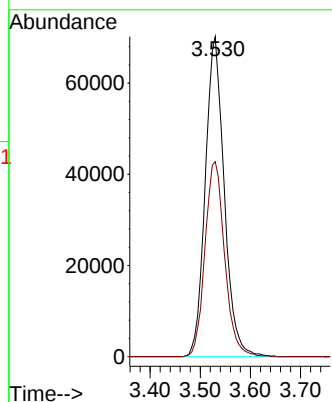
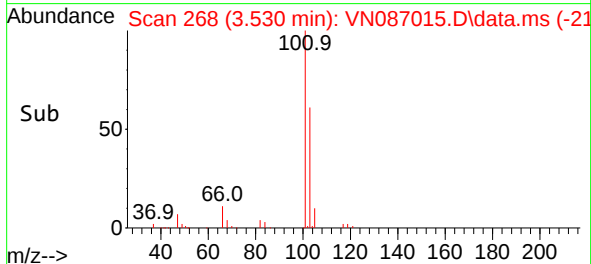
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 18450
Ion Ratio Lower Upper
101 100
103 61.0 52.2 78.2

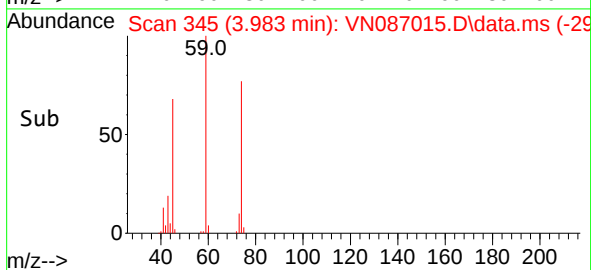
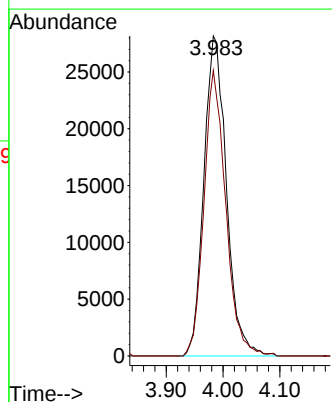
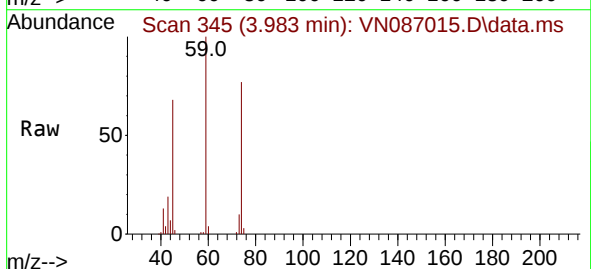
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#8
Diethyl Ether
Concen: 57.964 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087015.D
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Tgt Ion: 74 Resp: 77594
Ion Ratio Lower Upper
74 100
45 86.4 45.5 136.5





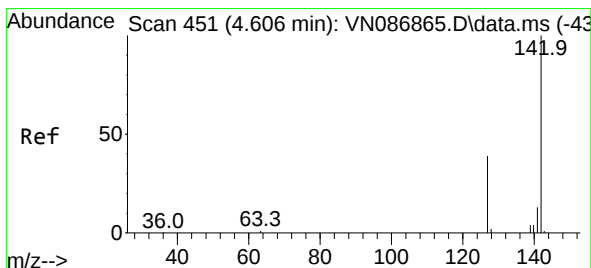
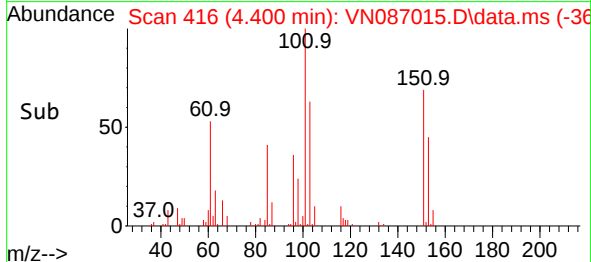
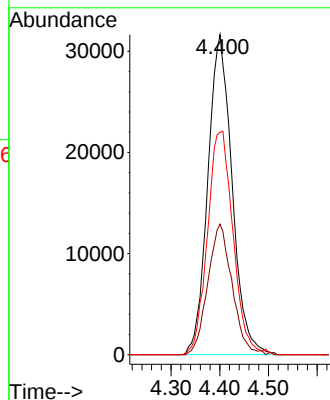
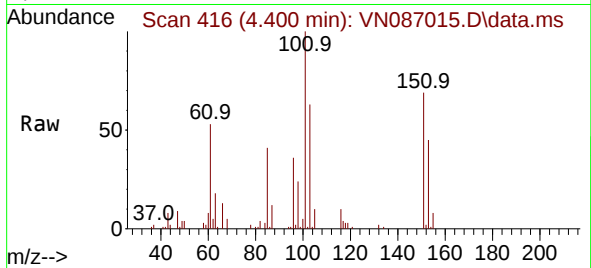
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.615 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 109285
Ion Ratio Lower Upper
101 100
85 40.8 33.8 50.8
151 73.8 58.7 88.1

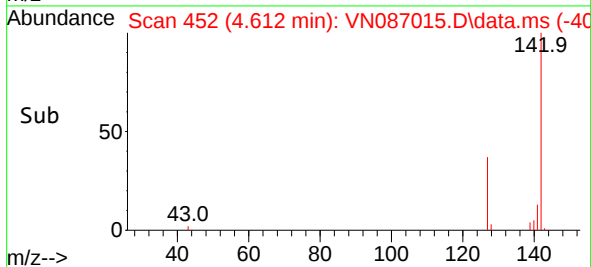
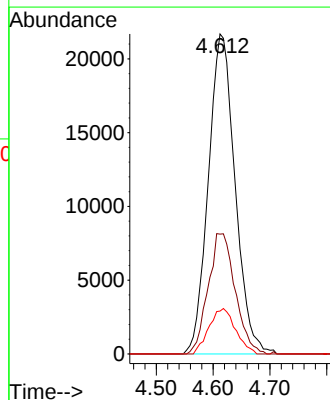
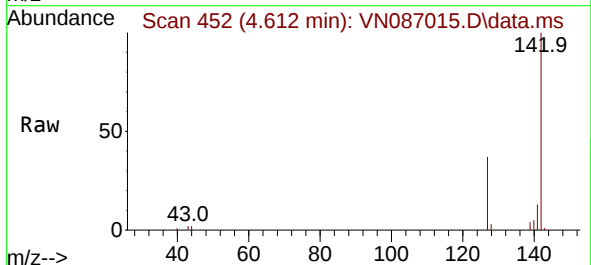
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#10
Methyl Iodide
Concen: 28.340 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

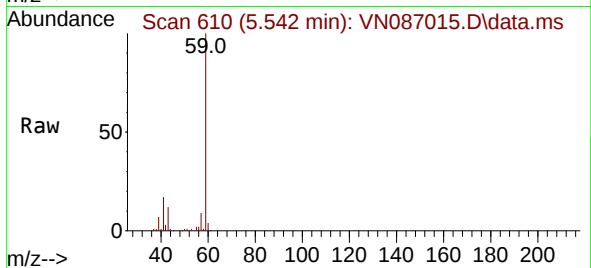
Tgt Ion:142 Resp: 70915
Ion Ratio Lower Upper
142 100
127 37.4 30.9 46.3
141 13.4 10.4 15.6





#11
Tert butyl alcohol
Concen: 261.110 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

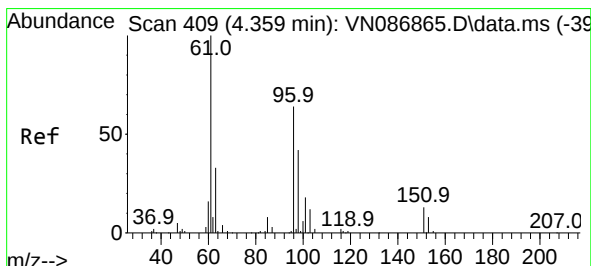
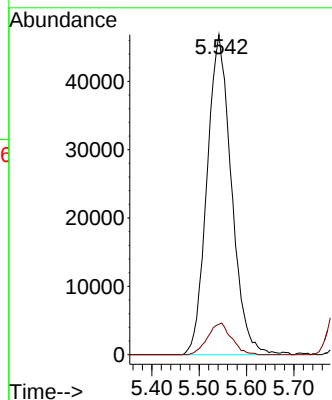
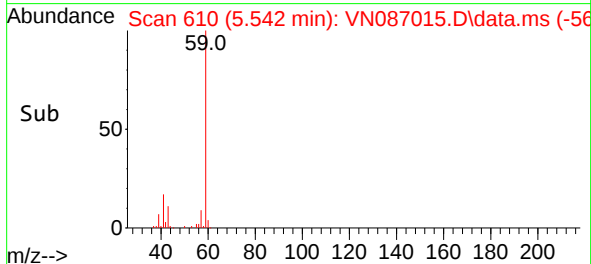
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



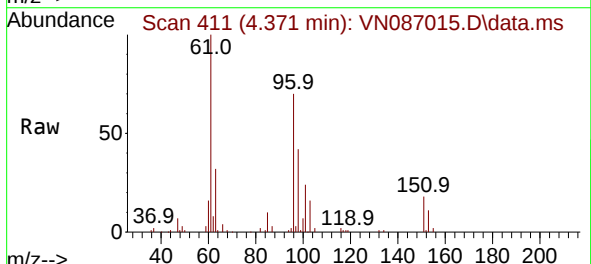
Tgt Ion: 59 Resp: 167958
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1

Manual Integrations
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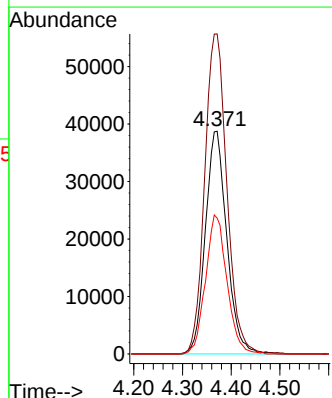
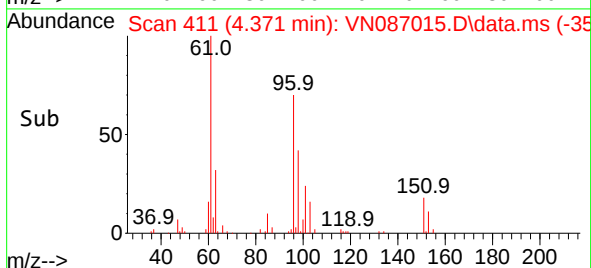
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

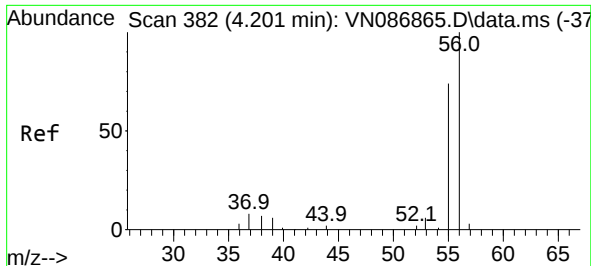


#12
1,1-Dichloroethene
Concen: 60.004 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



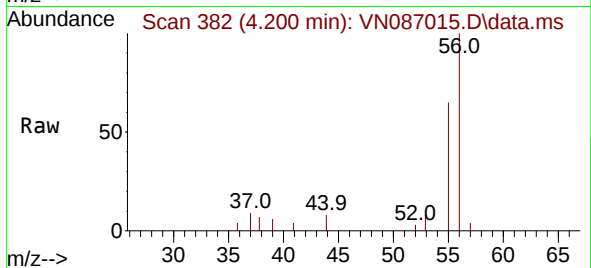
Tgt Ion: 96 Resp: 118251
Ion Ratio Lower Upper
96 100
61 143.7 125.8 188.6
98 61.0 52.5 78.7





#13
Acrolein
Concen: 93.443 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

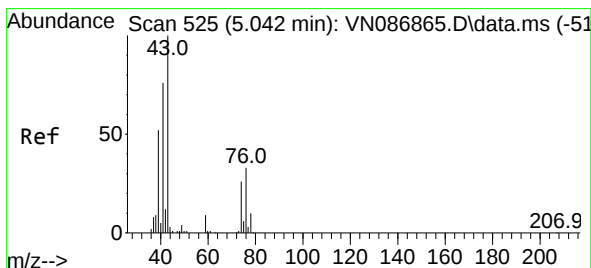
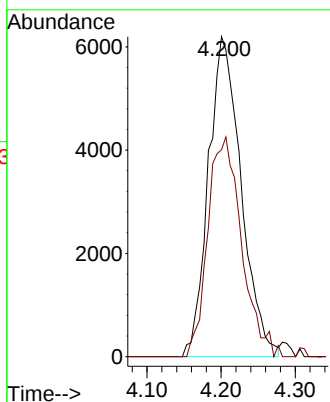
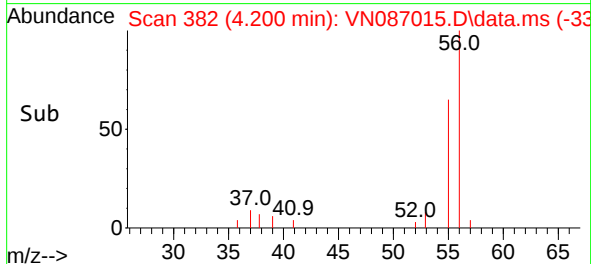
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 19020
Ion Ratio Lower Upper
56 100
55 70.6 55.6 83.4

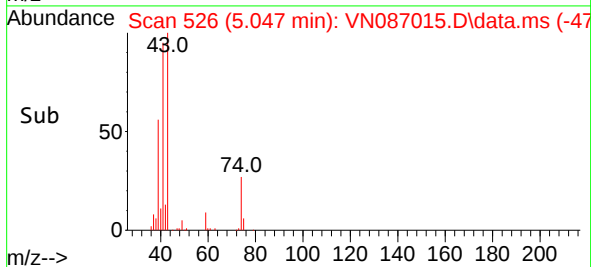
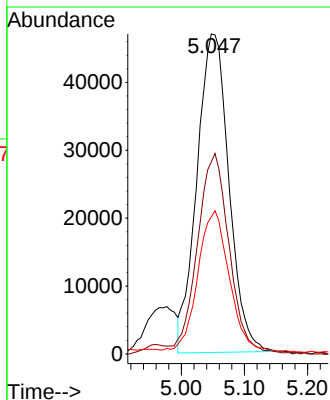
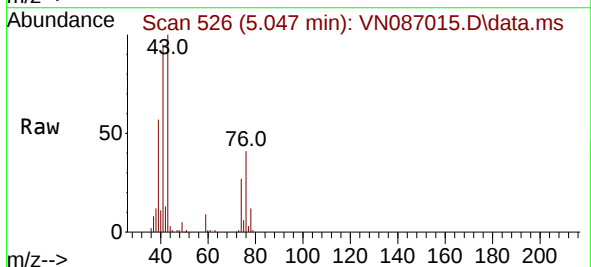
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#14
Allyl chloride
Concen: 50.500 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

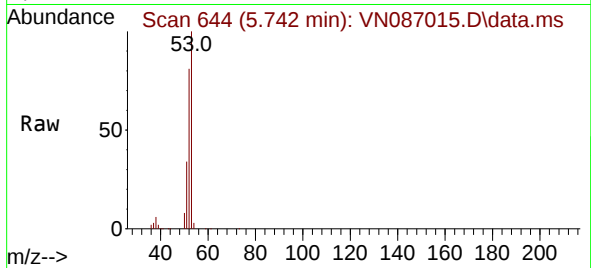
Tgt Ion: 41 Resp: 165051
Ion Ratio Lower Upper
41 100
39 62.9 51.3 76.9
76 43.2 31.4 47.0





#15
Acrylonitrile
Concen: 269.483 ug/l
RT: 5.742 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

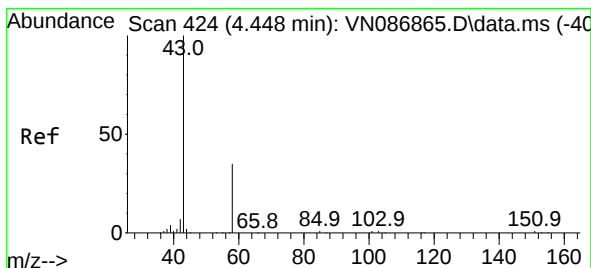
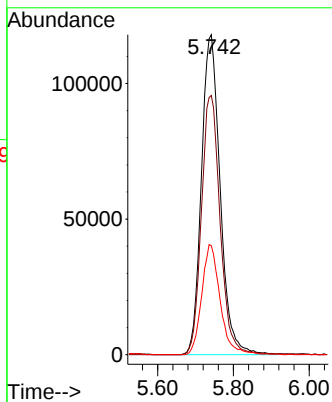
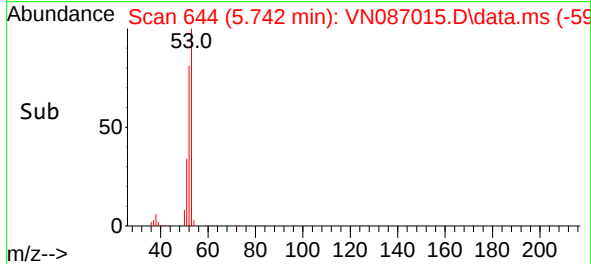
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



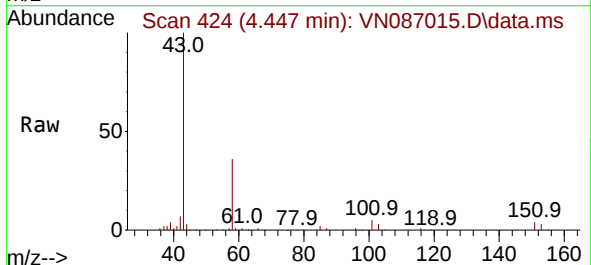
Tgt Ion: 53 Resp: 405160
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.6
51 33.7 27.2 40.8

Manual Integrations
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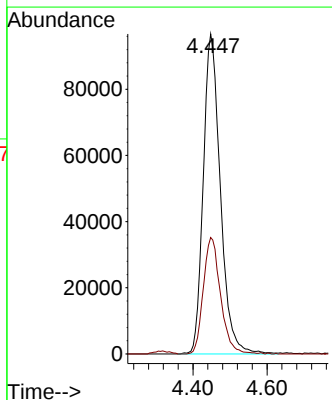
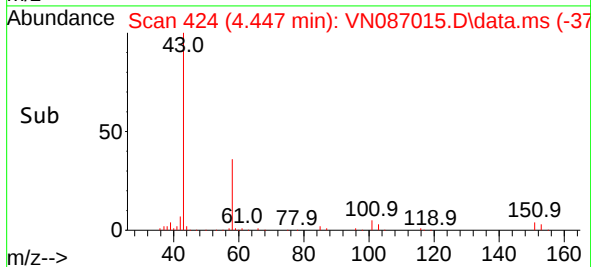
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#16
Acetone
Concen: 246.315 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



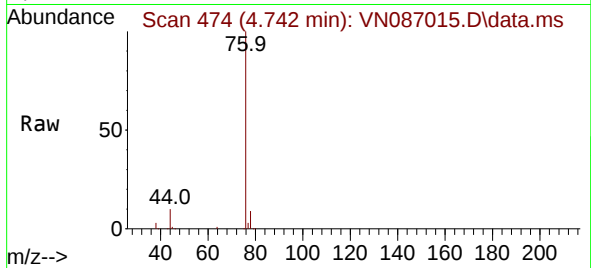
Tgt Ion: 43 Resp: 309658
Ion Ratio Lower Upper
43 100
58 36.4 28.0 42.0





#17
Carbon Disulfide
Concen: 65.513 ug/l
RT: 4.742 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

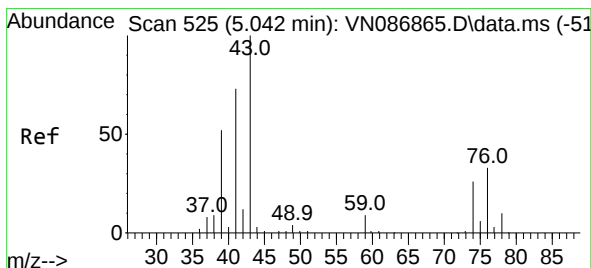
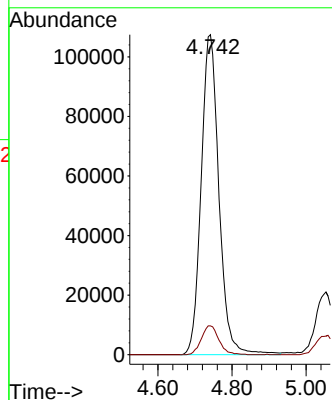
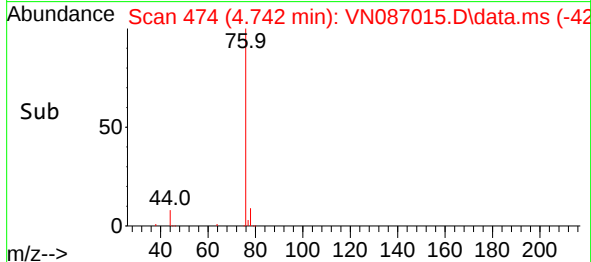
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 35712
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

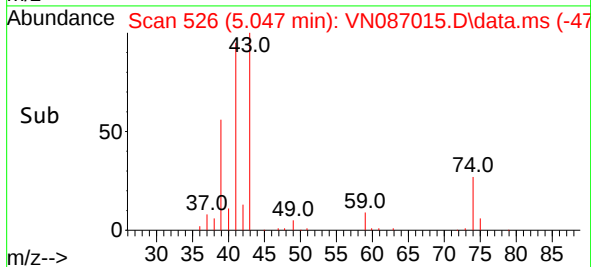
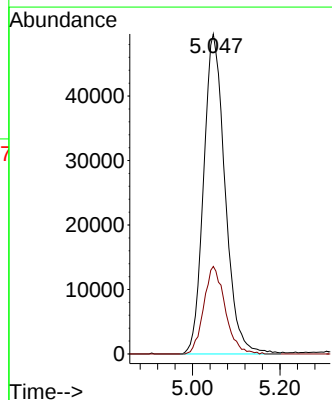
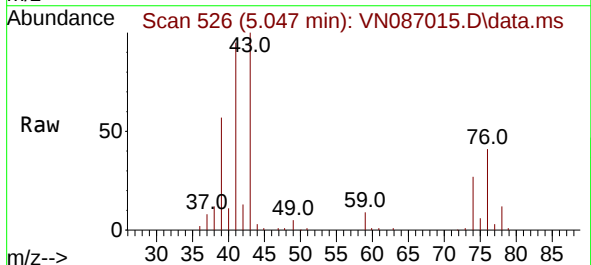
Manual Integrations
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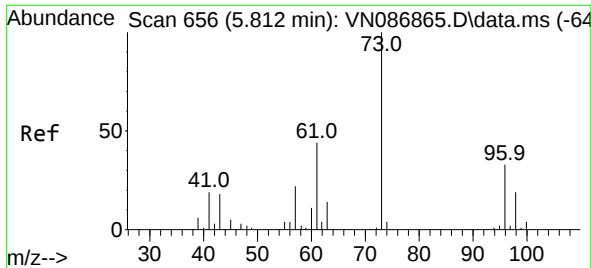
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#18
Methyl Acetate
Concen: 46.208 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Tgt Ion: 43 Resp: 169286
Ion Ratio Lower Upper
43 100
74 27.3 20.7 31.1





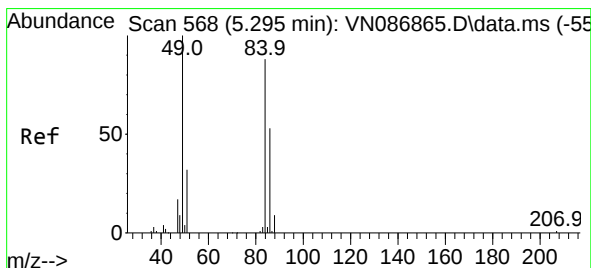
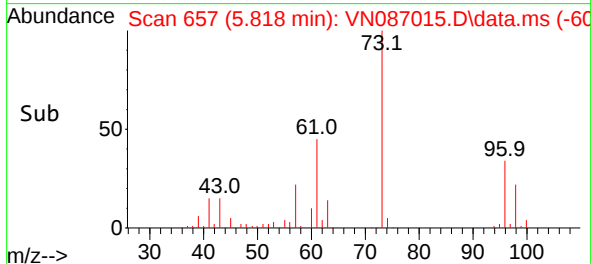
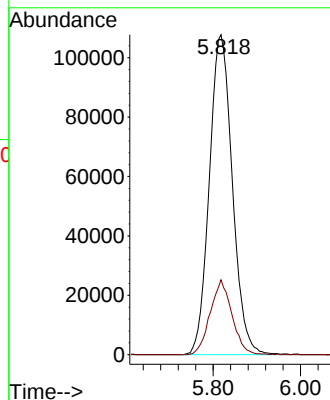
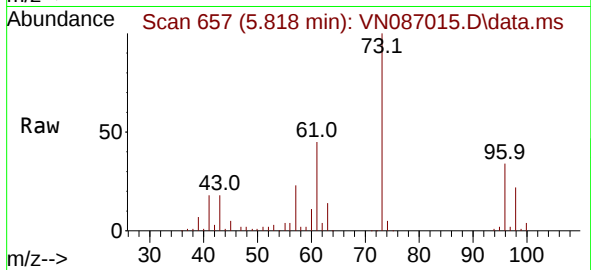
#19
Methyl tert-butyl Ether
Concen: 55.219 ug/l
RT: 5.818 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 39401
Ion Ratio Lower Upper
73 100
57 23.4 17.4 26.2

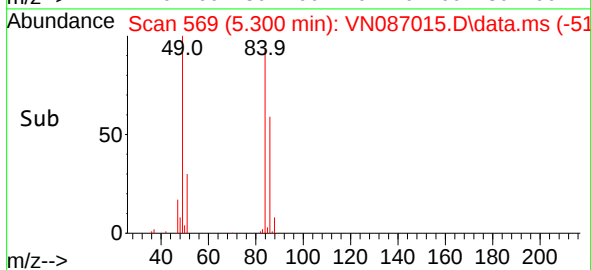
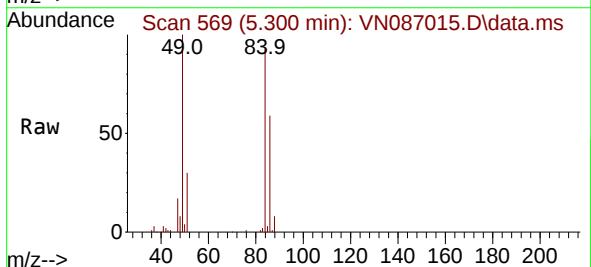
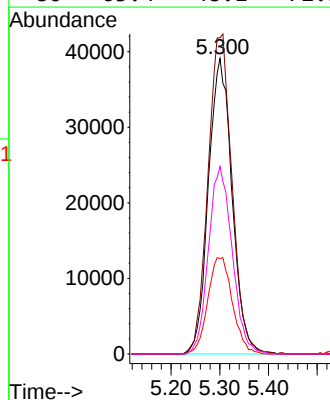
Manual Integrations
APPROVED

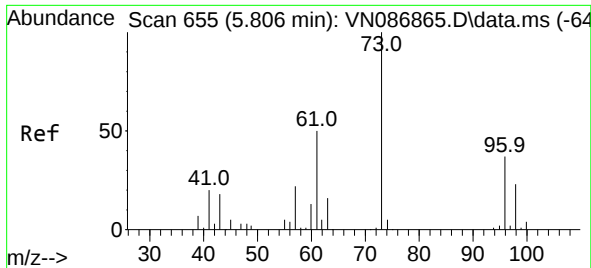
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#20
Methylene Chloride
Concen: 55.971 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

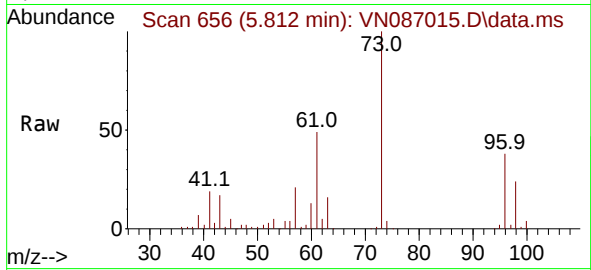
Tgt Ion: 84 Resp: 131735
Ion Ratio Lower Upper
84 100
49 107.0 90.5 135.7
51 32.3 28.5 42.7
86 63.4 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 57.334 ug/l
RT: 5.812 min Scan# 655
Delta R.T. 0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

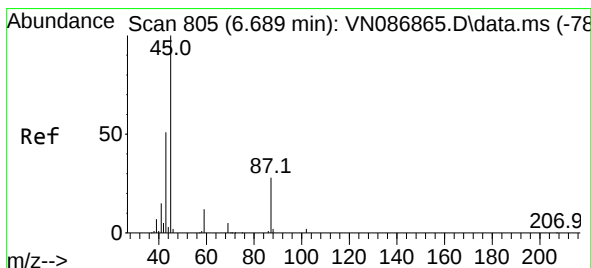
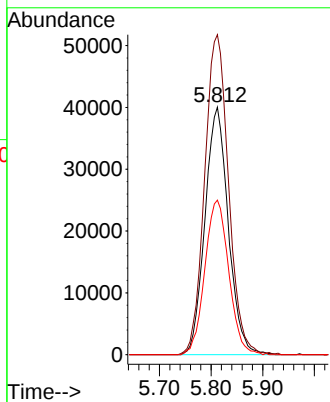
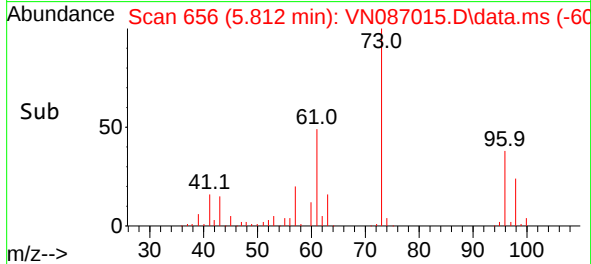
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 125710
Ion Ratio Lower Upper
96 100
61 129.3 109.2 163.8
98 62.4 49.8 74.8

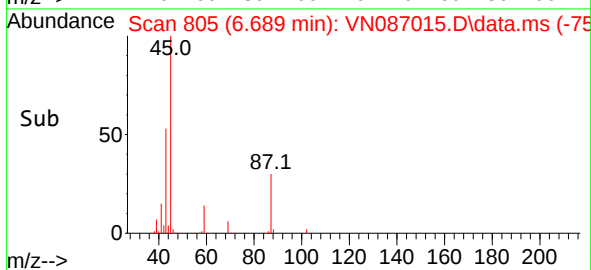
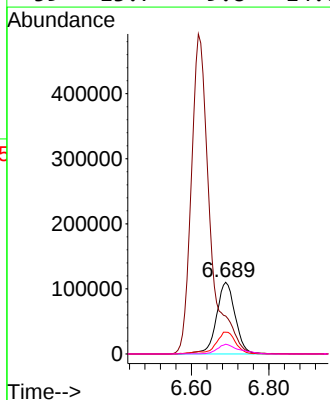
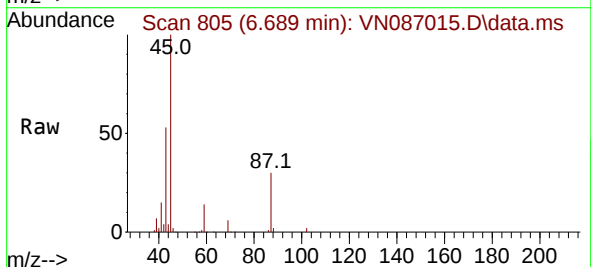
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#22
Diisopropyl ether
Concen: 53.539 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

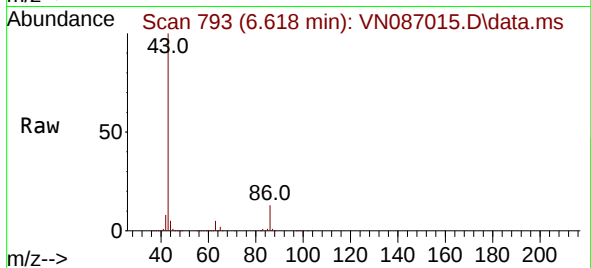
Tgt Ion: 45 Resp: 368851
Ion Ratio Lower Upper
45 100
43 52.3 41.9 62.9
87 30.3 22.4 33.6
59 13.7 9.8 14.6





#23
 Vinyl Acetate
 Concen: 278.900 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087015.D
 Acq: 13 Jun 2025 20:13

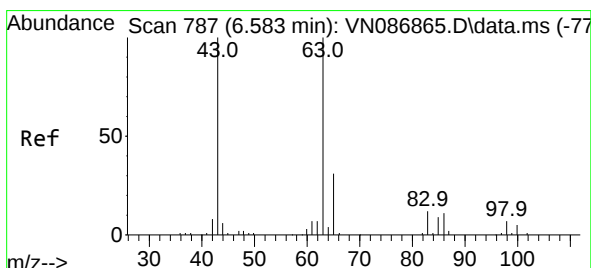
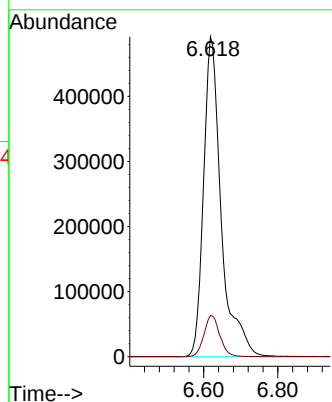
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1623400
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.5 14.3

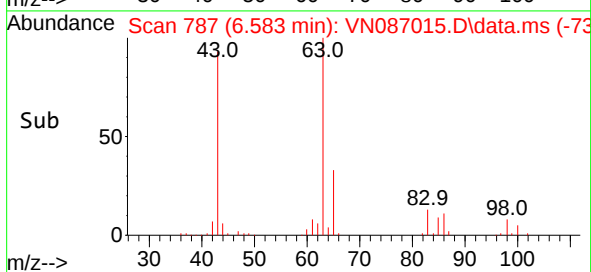
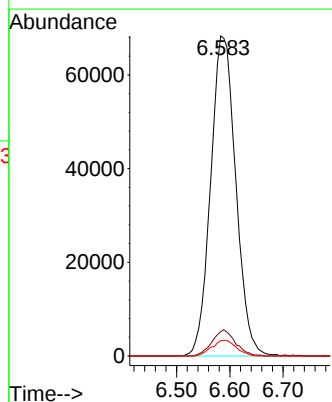
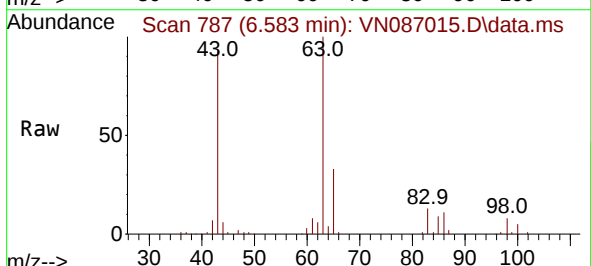
Manual Integrations
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Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#24
 1,1-Dichloroethane
 Concen: 56.425 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087015.D
 Acq: 13 Jun 2025 20:13

Tgt Ion: 63 Resp: 223707
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.8 2.6 7.8





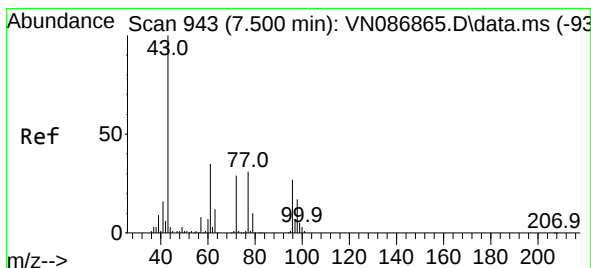
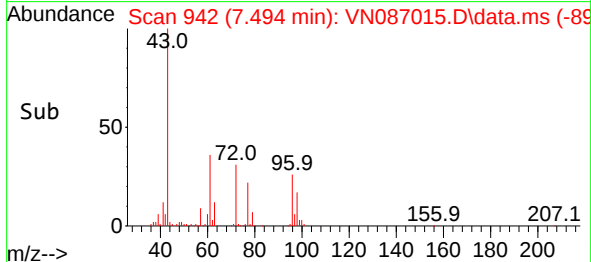
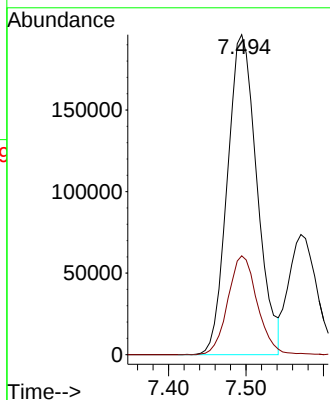
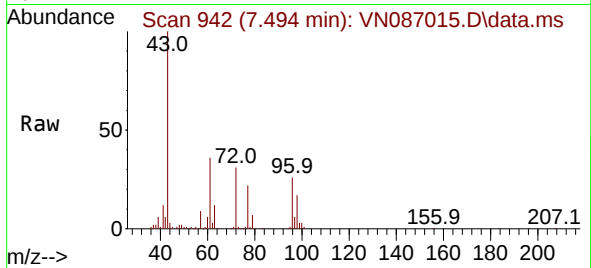
#25
2-Butanone
Concen: 255.393 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 521890
Ion Ratio Lower Upper
43 100
72 30.9 23.0 34.6

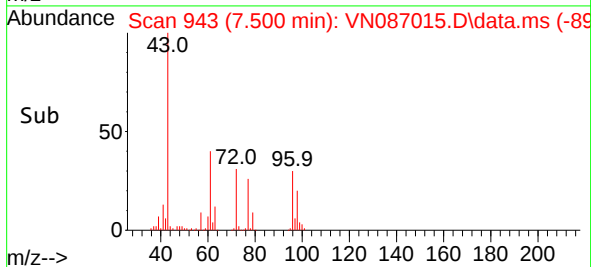
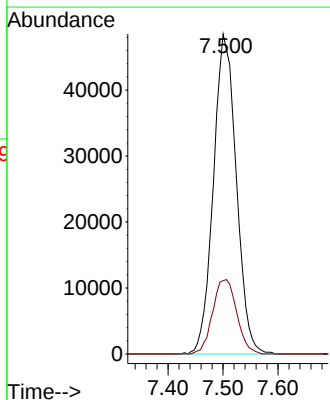
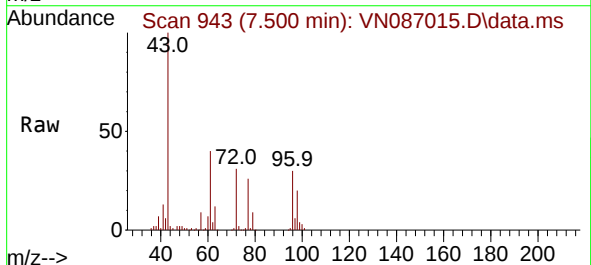
Manual Integrations
APPROVED

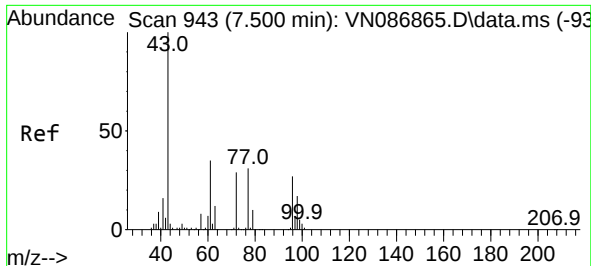
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#26
2,2-Dichloropropane
Concen: 45.477 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

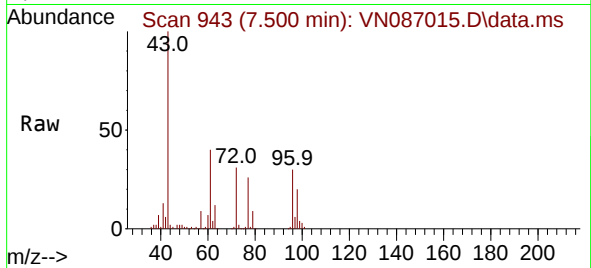
Tgt Ion: 77 Resp: 140253
Ion Ratio Lower Upper
77 100
97 24.5 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 56.434 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087015.D
 Acq: 13 Jun 2025 20:13

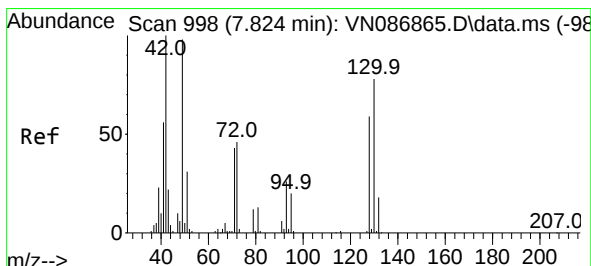
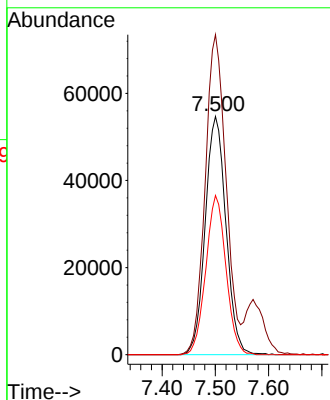
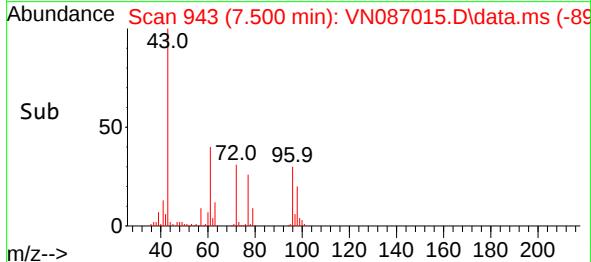
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 14798
 Ion Ratio Lower Upper
 96 100
 61 134.6 0.0 278.0
 98 65.1 0.0 128.2

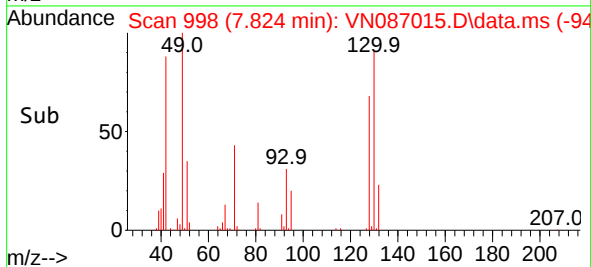
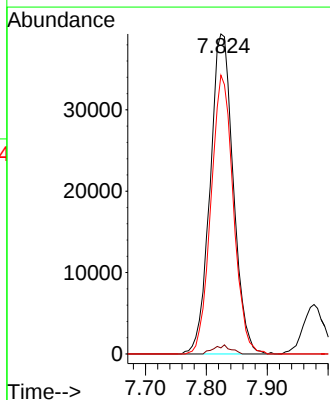
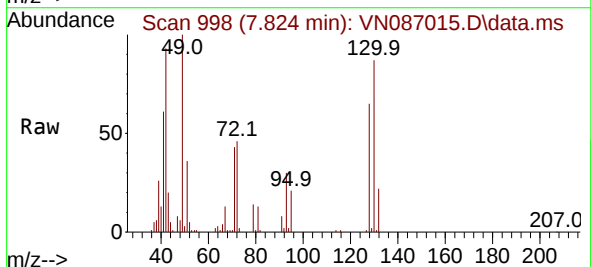
Manual Integrations
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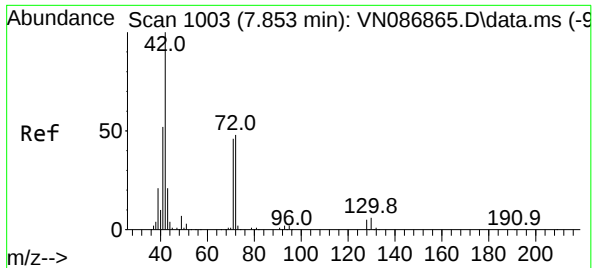
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#28
 Bromochloromethane
 Concen: 53.447 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087015.D
 Acq: 13 Jun 2025 20:13

Tgt Ion: 49 Resp: 104187
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 83.9 62.2 93.2





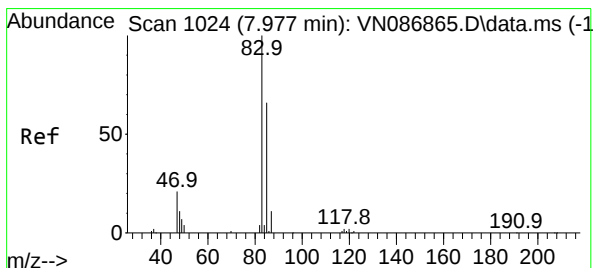
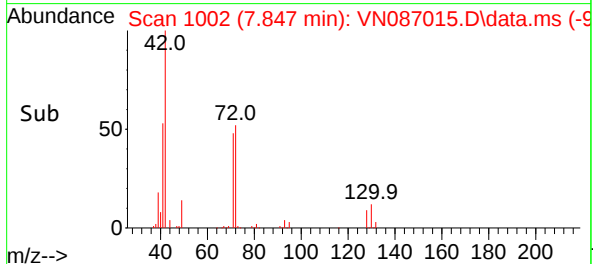
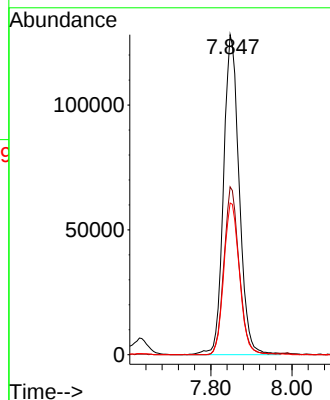
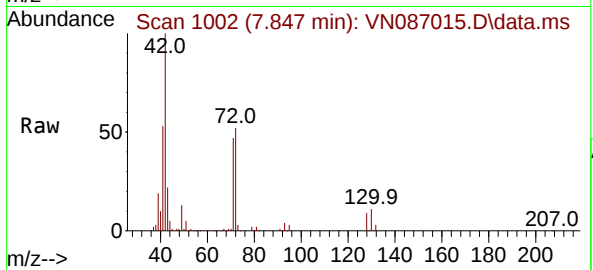
#29
Tetrahydrofuran
Concen: 259.039 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 34482
Ion Ratio Lower Upper
42 100
72 50.8 37.8 56.6
71 47.3 35.6 53.4

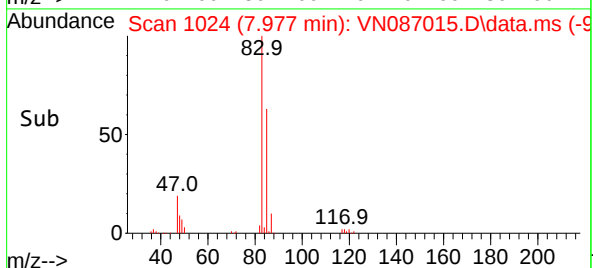
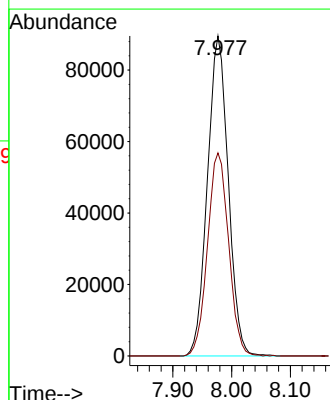
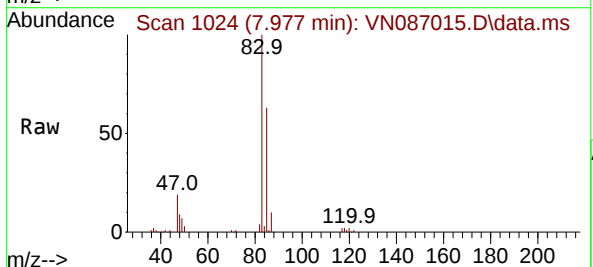
Manual Integrations
APPROVED

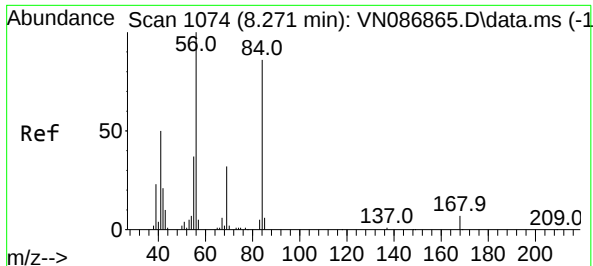
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#30
Chloroform
Concen: 55.720 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

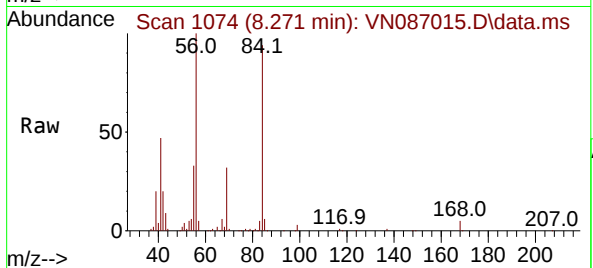
Tgt Ion: 83 Resp: 220616
Ion Ratio Lower Upper
83 100
85 63.5 52.9 79.3





#31
Cyclohexane
Concen: 52.445 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

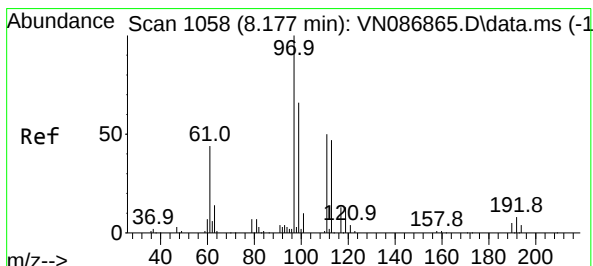
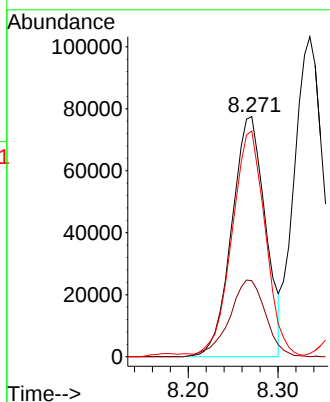
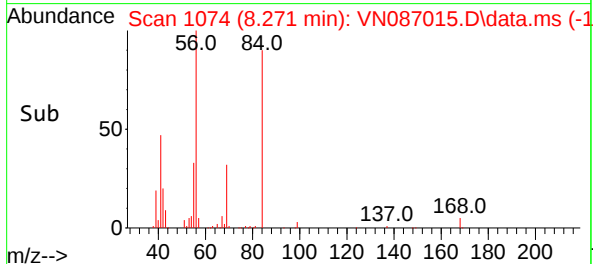
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



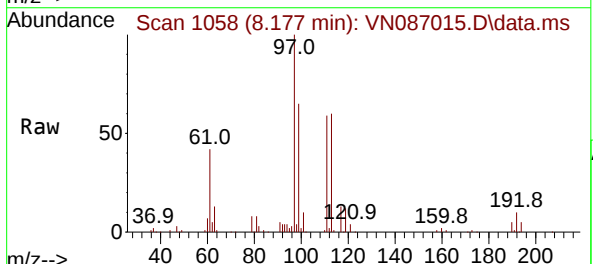
Tgt Ion: 56 Resp: 201640
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.0
84 93.0 68.8 103.2

Manual Integrations
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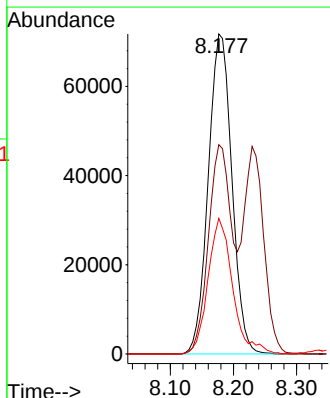
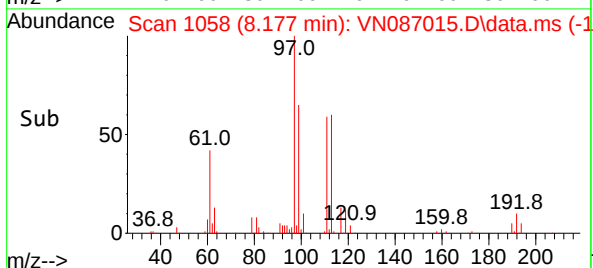
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

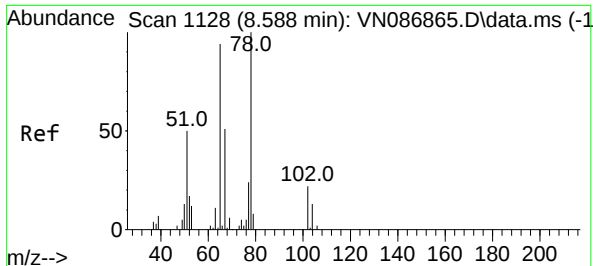


#32
1,1,1-Trichloroethane
Concen: 55.388 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



Tgt Ion: 97 Resp: 186520
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 44.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 50.832 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 120504

Ion Ratio Lower Upper

65 100

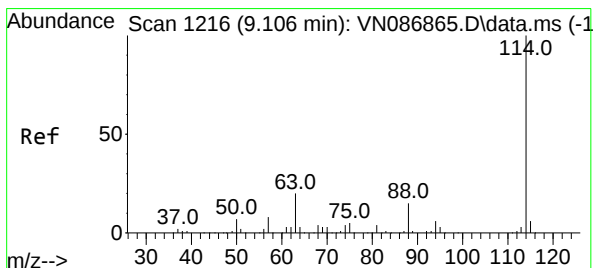
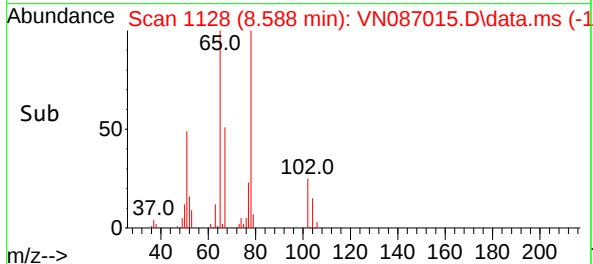
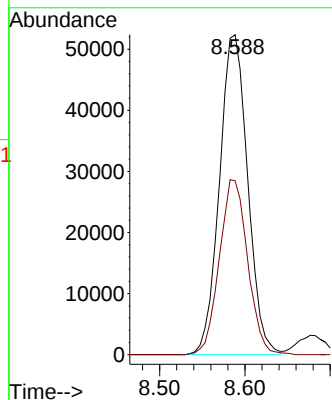
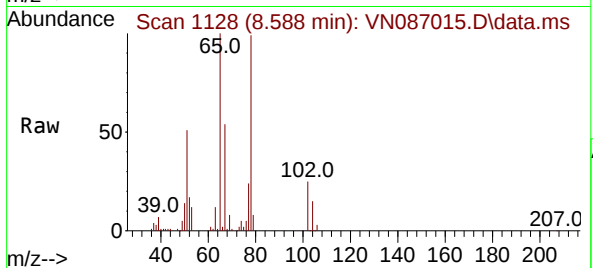
67 54.8 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

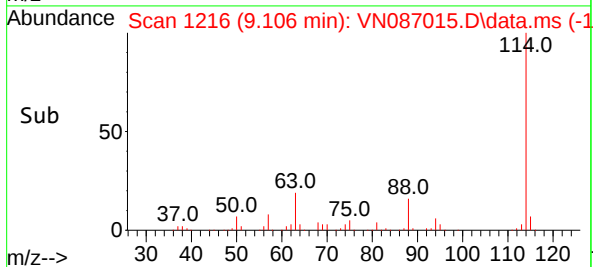
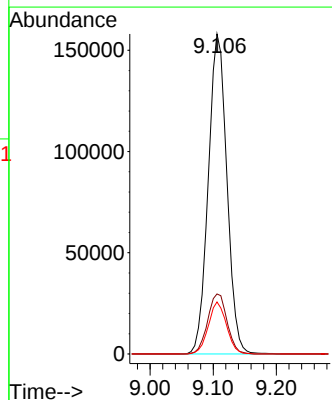
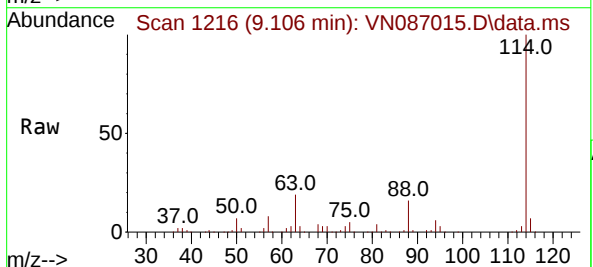
Tgt Ion:114 Resp: 323664

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 16.2 0.0 30.2





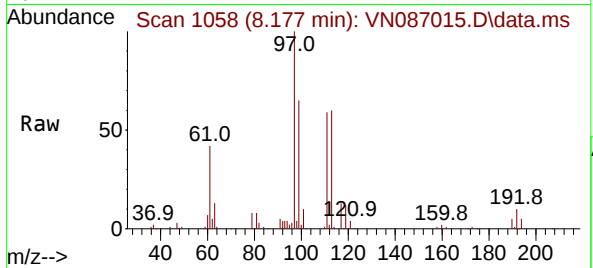
#35
Dibromofluoromethane
Concen: 54.504 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



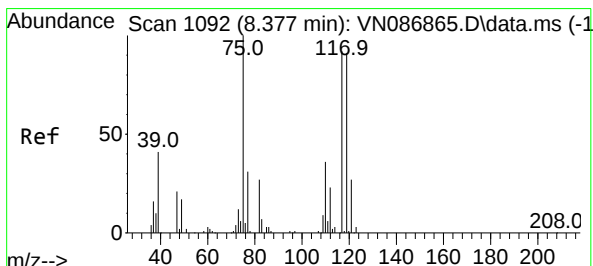
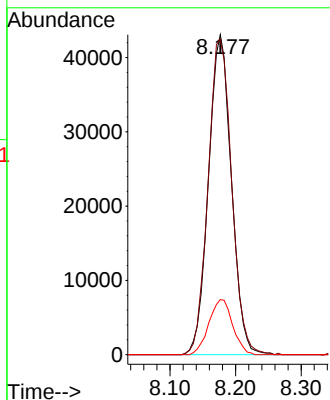
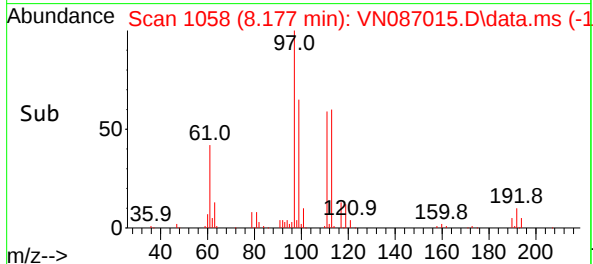
Tgt Ion: 113 Resp: 10454
Ion Ratio Lower Upper
113 100
111 101.8 84.2 126.2
192 17.9 14.2 21.4

Manual Integrations

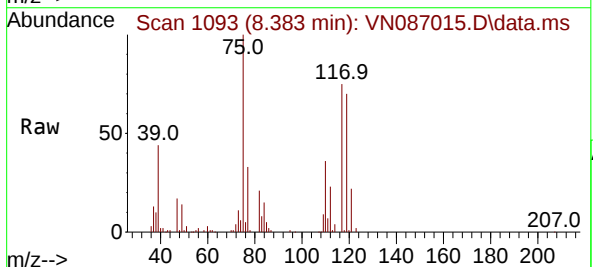
APPROVED

Reviewed By :John Carlone 06/16/2025

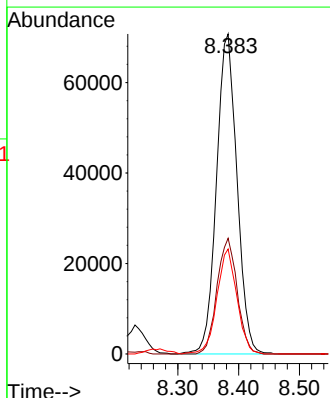
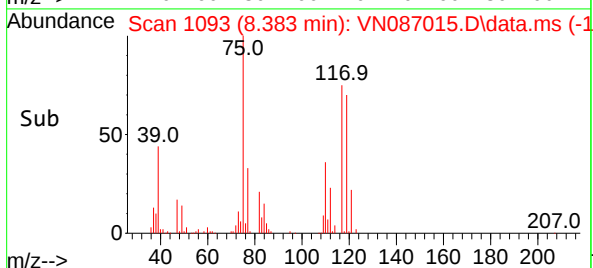
Supervised By :Mahesh Dadoda 06/16/2025



#36
1,1-Dichloropropene
Concen: 57.829 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



Tgt Ion: 75 Resp: 165286
Ion Ratio Lower Upper
75 100
110 35.6 17.6 52.9
77 32.1 25.3 37.9





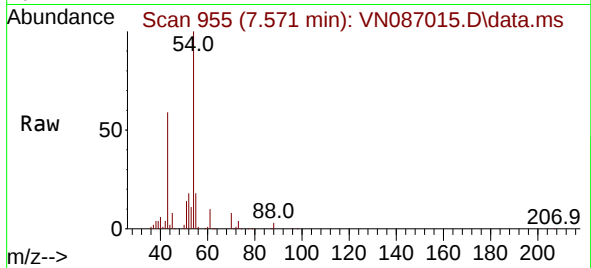
#37
Ethyl Acetate
Concen: 52.994 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :

MSVOA_N

ClientSampleId :

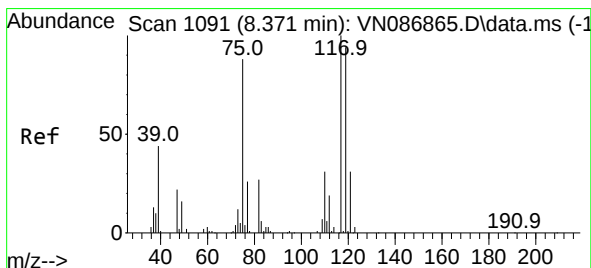
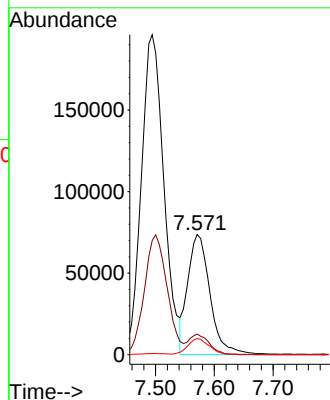
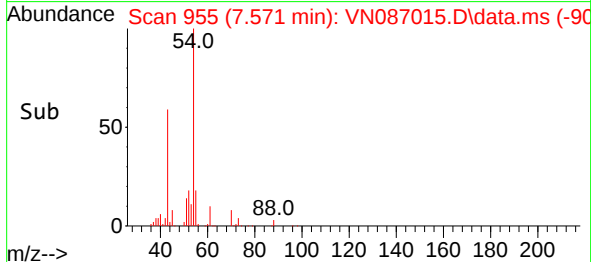
VSTDCCC050EC



Tgt Ion: 43 Resp: 192815
Ion Ratio Lower Upper
43 100
61 16.0 12.1 18.1
70 13.1 9.8 14.6

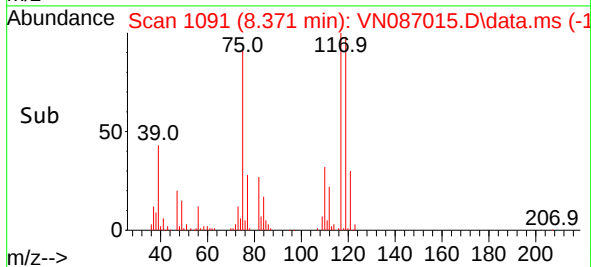
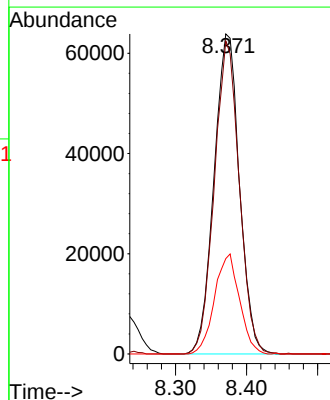
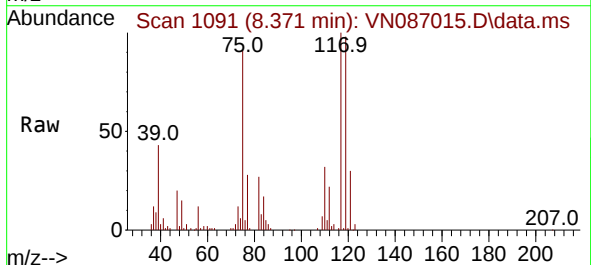
Manual Integrations
APPROVED

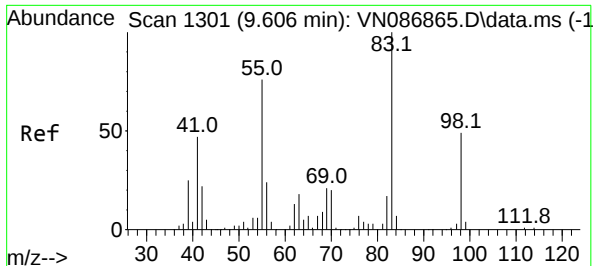
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#38
Carbon Tetrachloride
Concen: 56.416 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Tgt Ion:117 Resp: 158306
Ion Ratio Lower Upper
117 100
119 97.8 75.0 112.6
121 29.8 24.9 37.3





#39

Methylcyclohexane

Concen: 50.543 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 197918

Ion Ratio Lower Upper

83 100

55 71.0 61.0 91.6

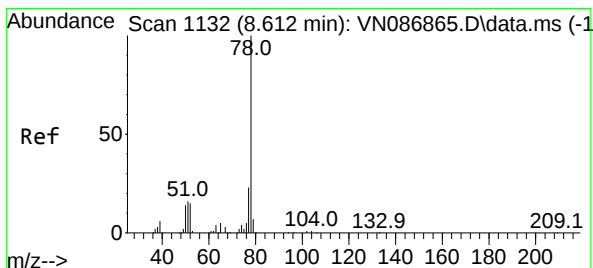
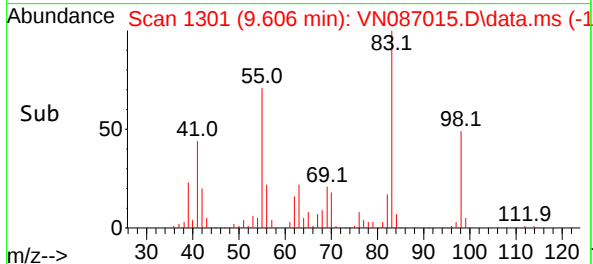
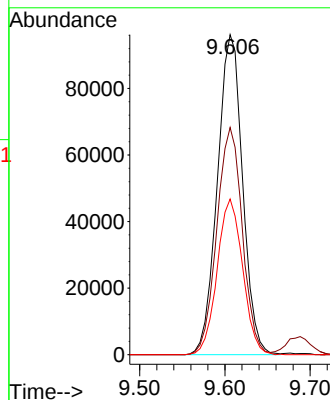
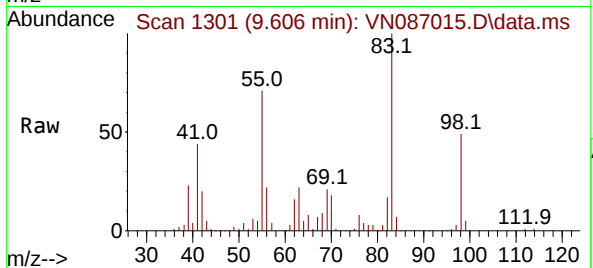
98 48.6 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#40

Benzene

Concen: 56.727 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087015.D

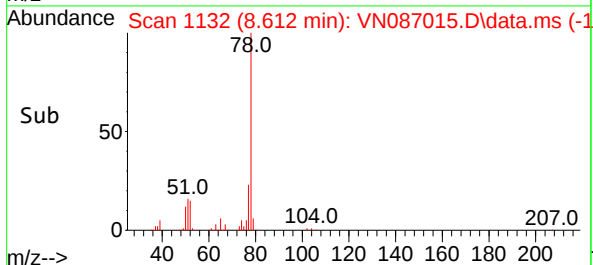
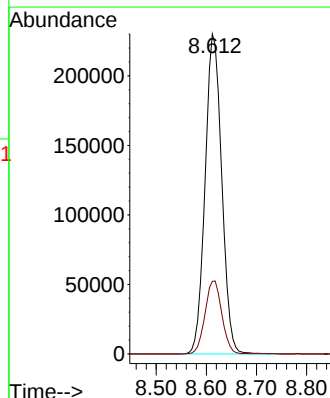
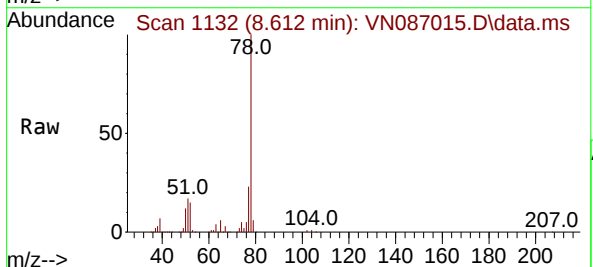
Acq: 13 Jun 2025 20:13

Tgt Ion: 78 Resp: 530188

Ion Ratio Lower Upper

78 100

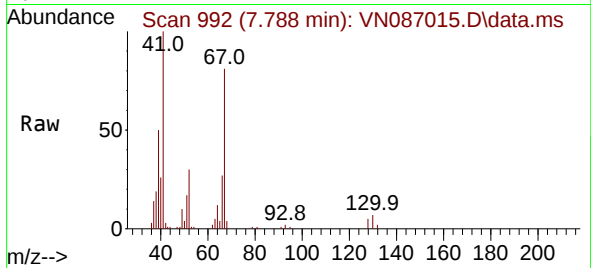
77 22.7 18.7 28.1





#41
Methacrylonitrile
Concen: 52.745 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

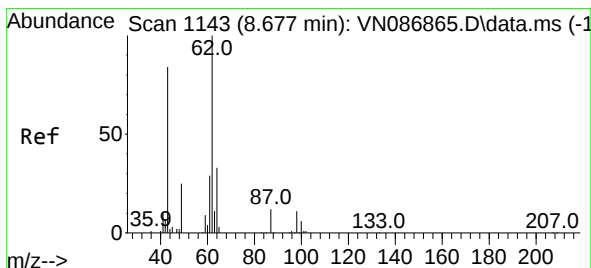
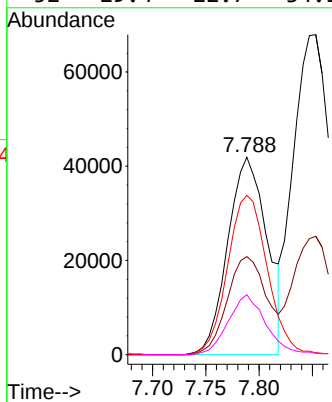
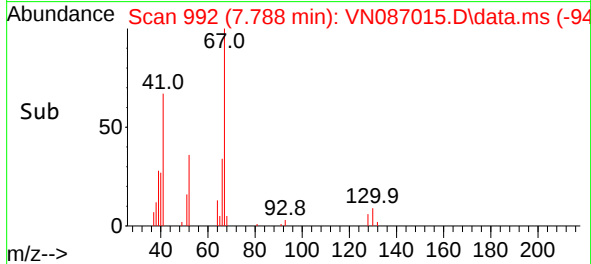
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 107778
Ion Ratio Lower Upper
41 100
39 50.0 41.2 61.8
67 81.6 61.4 92.2
52 29.4 22.7 34.1

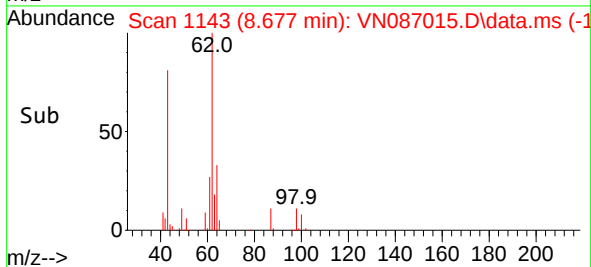
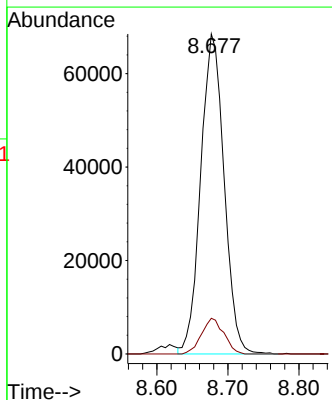
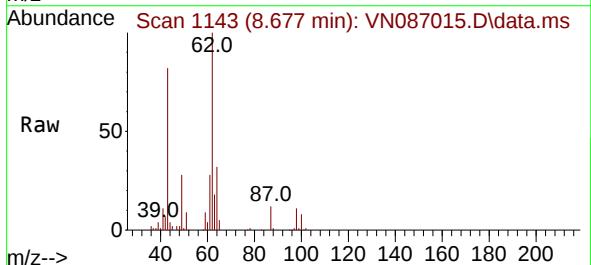
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#42
1,2-Dichloroethane
Concen: 55.319 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Tgt Ion: 62 Resp: 156821
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.2





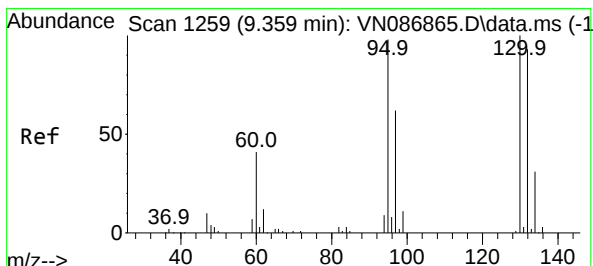
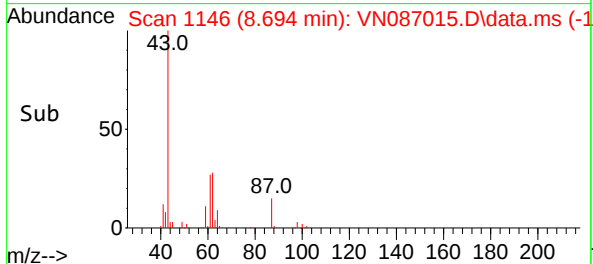
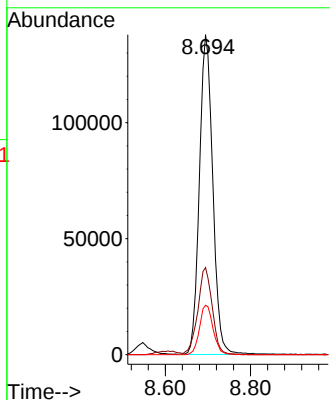
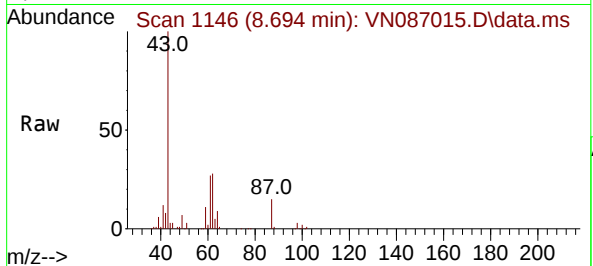
#43
Isopropyl Acetate
Concen: 51.413 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 300238
Ion Ratio Lower Upper
43 100
61 29.3 22.1 33.1
87 15.7 11.8 17.6

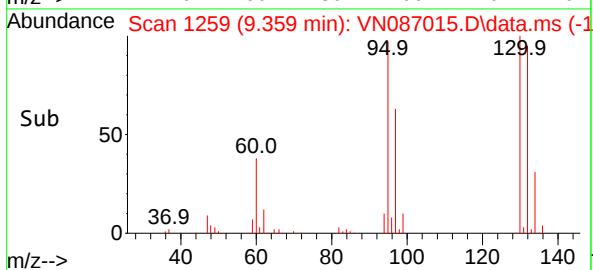
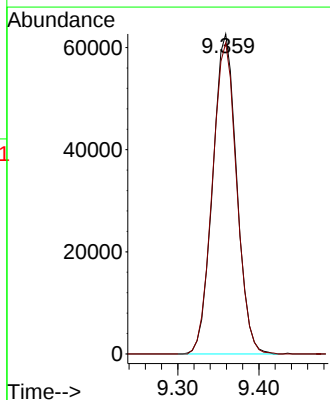
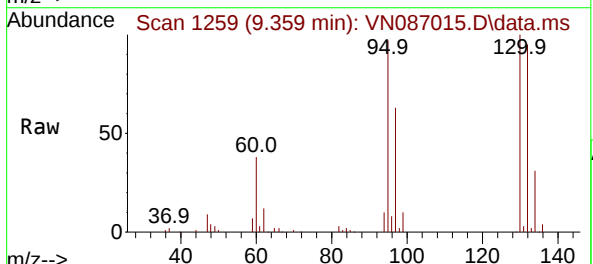
Manual Integrations
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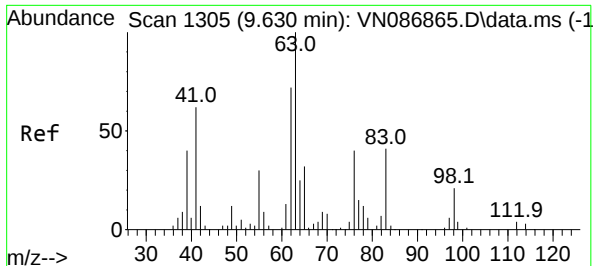
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#44
Trichloroethene
Concen: 58.013 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Tgt Ion:130 Resp: 128567
Ion Ratio Lower Upper
130 100
95 97.2 0.0 196.2





#45

1,2-Dichloropropane

Concen: 56.539 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 12855

Ion Ratio Lower Upper

63 100

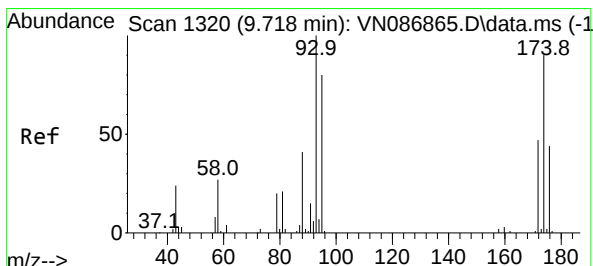
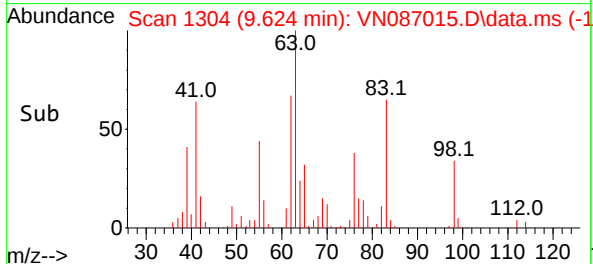
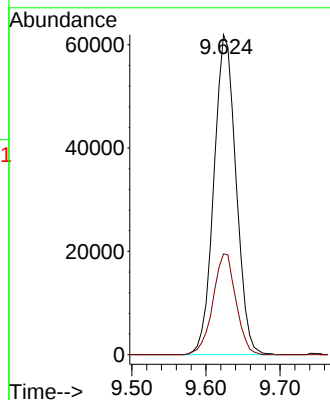
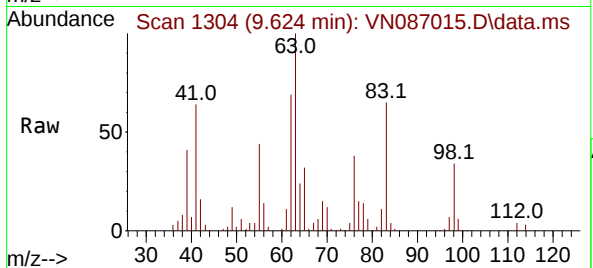
65 31.5 25.5 38.3

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Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#46

Dibromomethane

Concen: 57.352 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

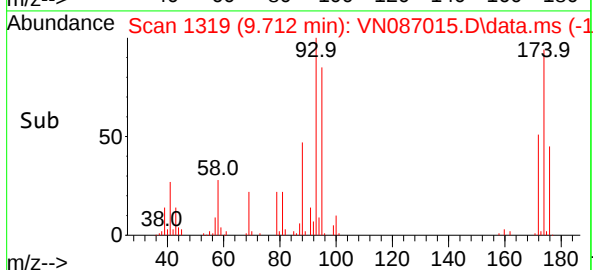
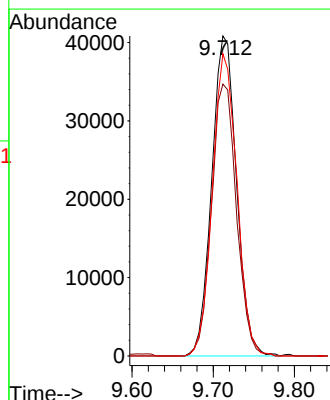
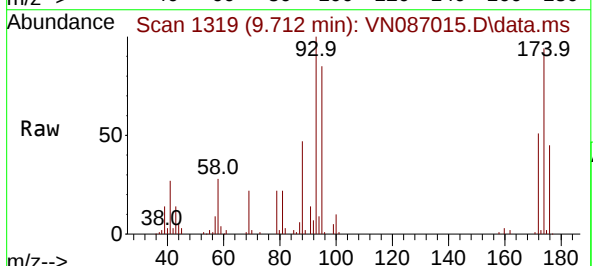
Tgt Ion: 93 Resp: 86619

Ion Ratio Lower Upper

93 100

95 85.8 67.1 100.7

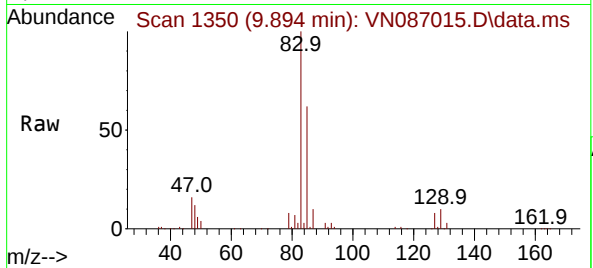
174 93.7 74.2 111.4





#47
Bromodichloromethane
Concen: 56.051 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

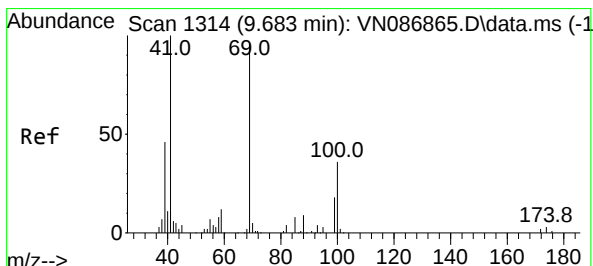
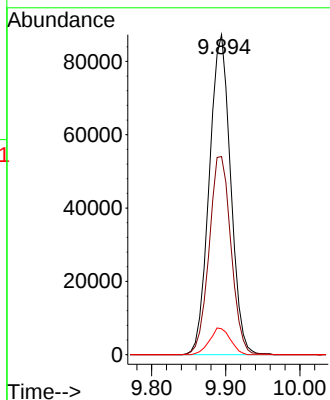
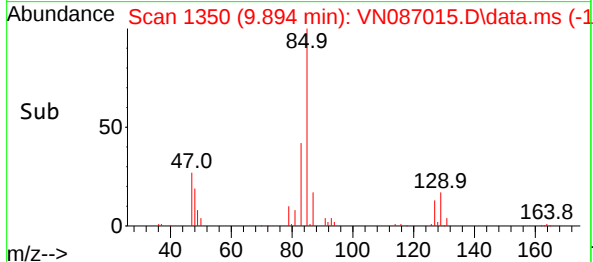
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



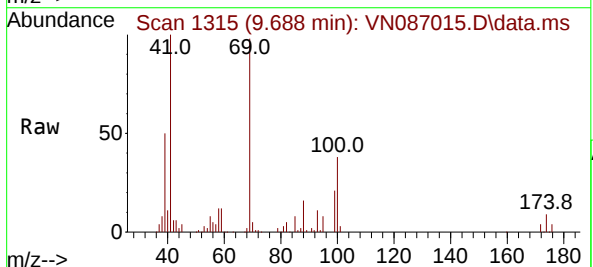
Tgt Ion: 83 Resp: 174170
Ion Ratio Lower Upper
83 100
85 61.9 50.9 76.3
127 8.1 6.6 10.0

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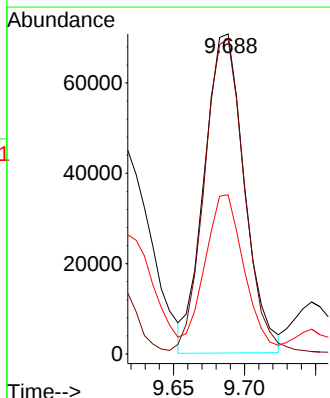
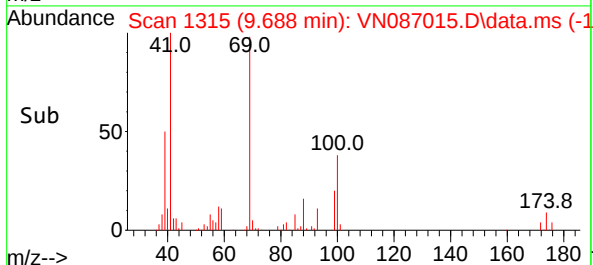
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

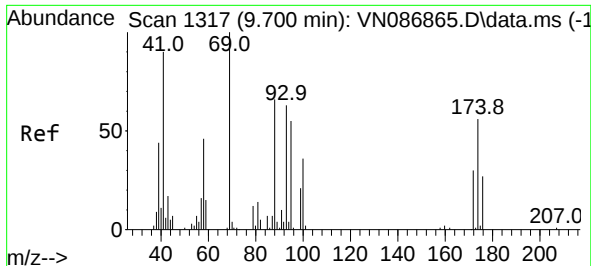


#48
Methyl methacrylate
Concen: 51.701 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



Tgt Ion: 41 Resp: 138963
Ion Ratio Lower Upper
41 100
69 98.4 74.6 112.0
39 49.4 40.2 60.4





#49

1,4-Dioxane

Concen: 1080.544 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

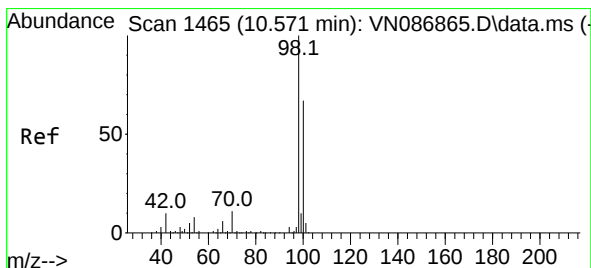
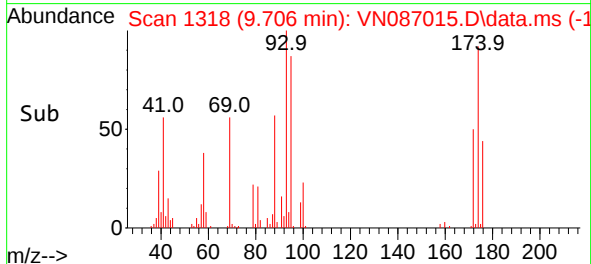
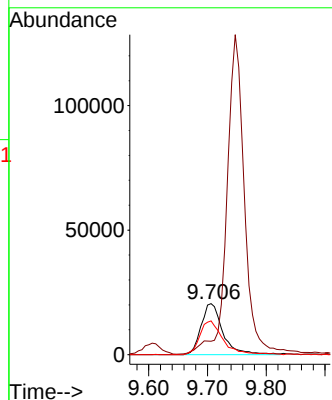
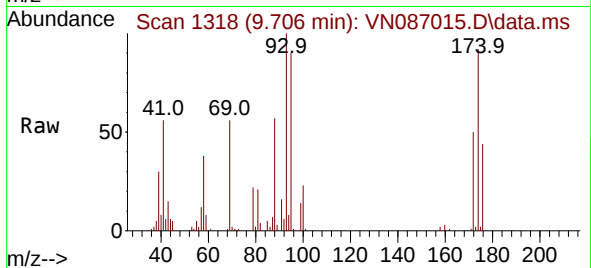
Tgt Ion: 88 Resp: 52830
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 70.6 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#50

Toluene-d8

Concen: 51.025 ug/l

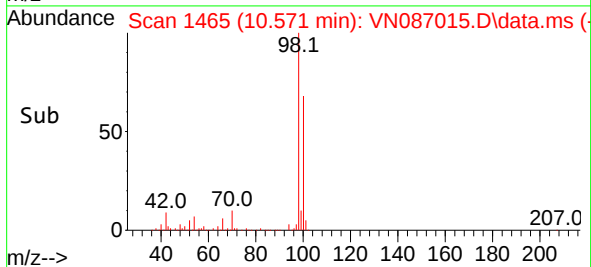
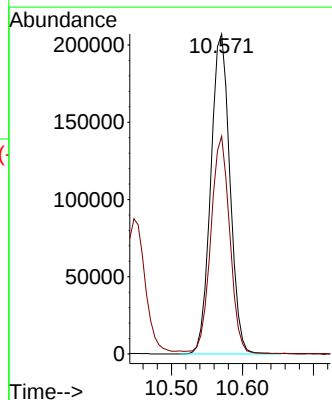
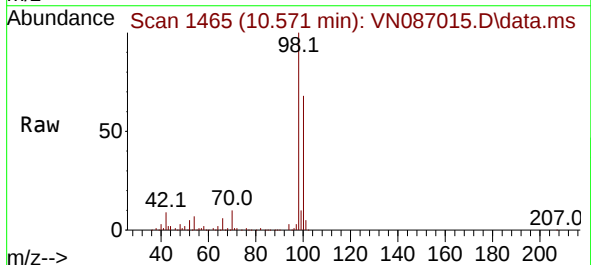
RT: 10.571 min Scan# 1465

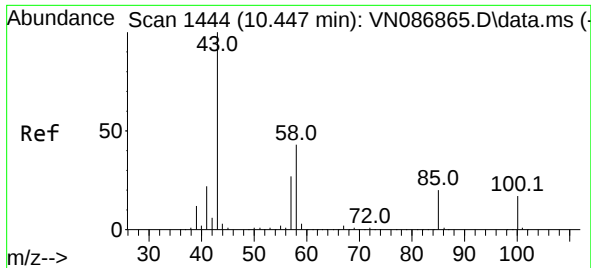
Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Tgt Ion: 98 Resp: 387445
 Ion Ratio Lower Upper
 98 100
 100 67.5 53.4 80.0





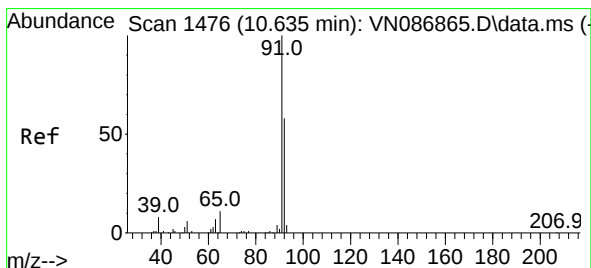
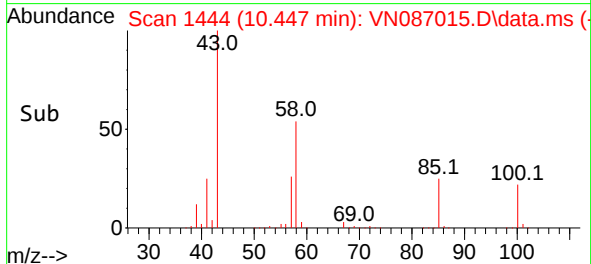
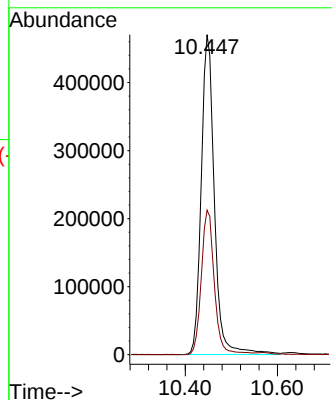
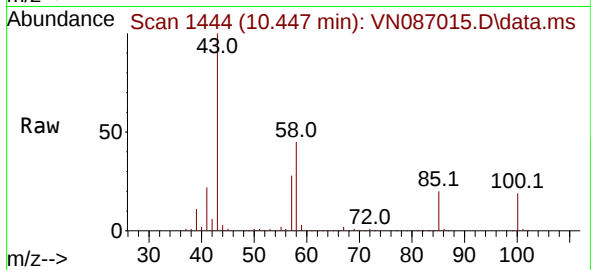
#51
4-Methyl-2-Pentanone
Concen: 266.296 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 936180
Ion Ratio Lower Upper
43 100
58 44.8 34.2 51.4

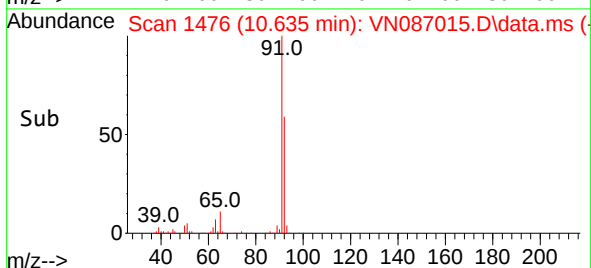
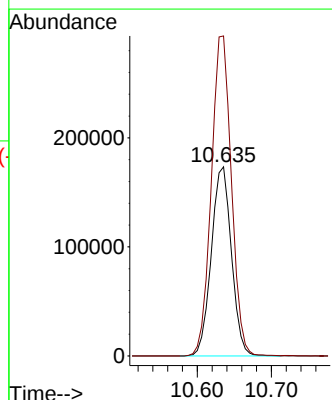
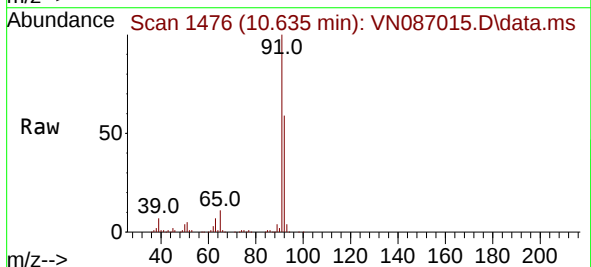
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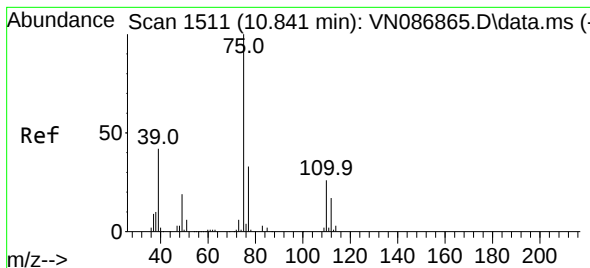
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#52
Toluene
Concen: 57.220 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

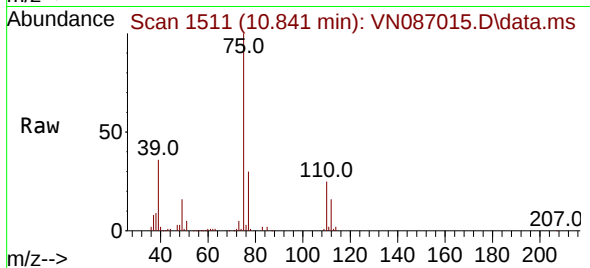
Tgt Ion: 92 Resp: 326827
Ion Ratio Lower Upper
92 100
91 169.4 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 54.355 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

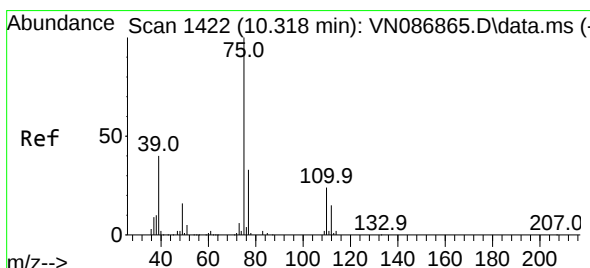
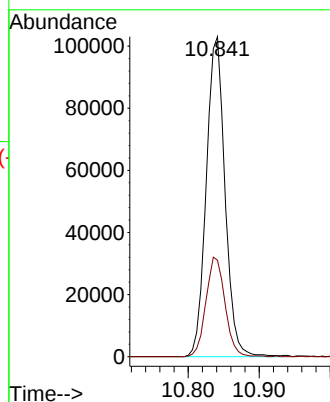
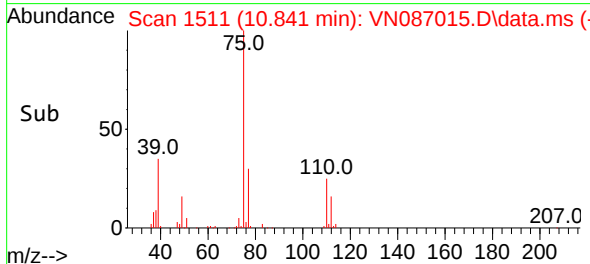
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



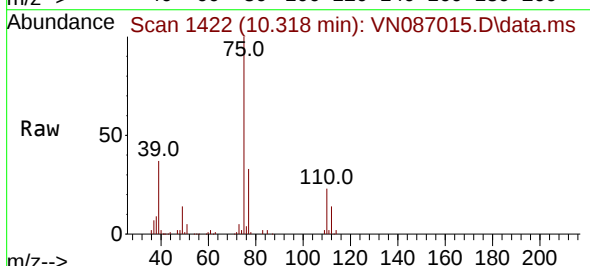
Tgt Ion: 75 Resp: 188870
Ion Ratio Lower Upper
75 100
77 30.2 26.4 39.6

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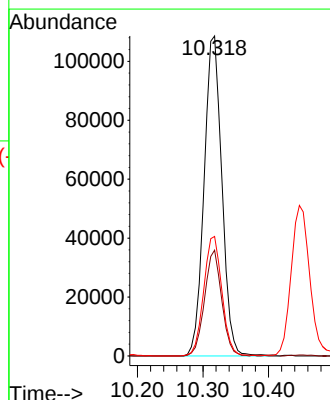
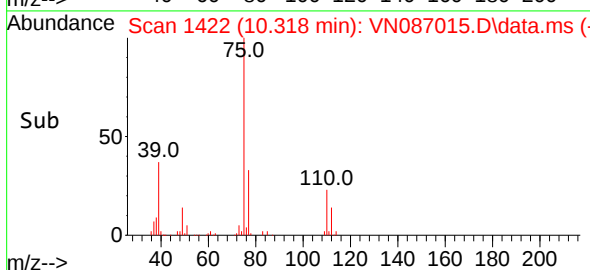
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

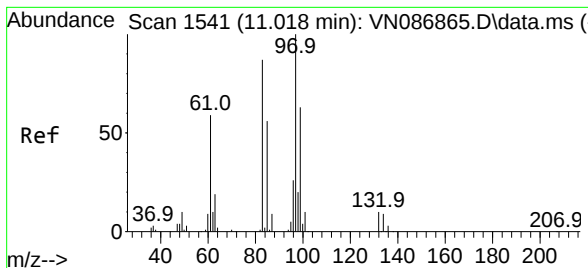


#54
cis-1,3-Dichloropropene
Concen: 55.209 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



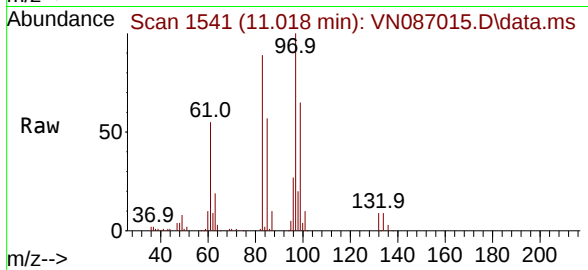
Tgt Ion: 75 Resp: 205259
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.4
39 37.3 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 55.567 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

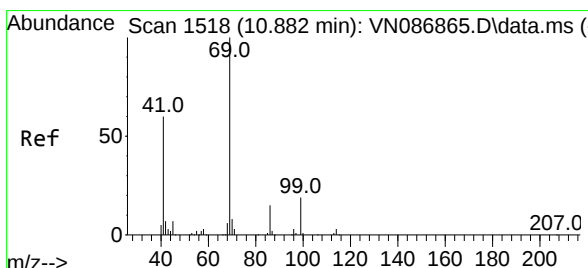
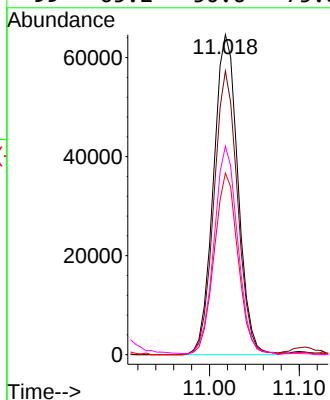
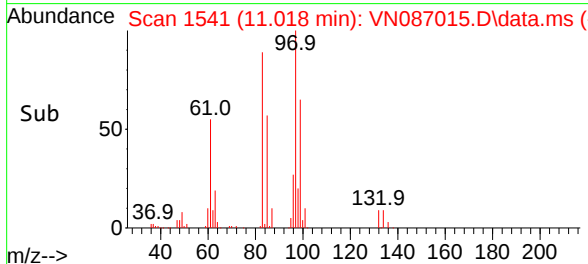
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



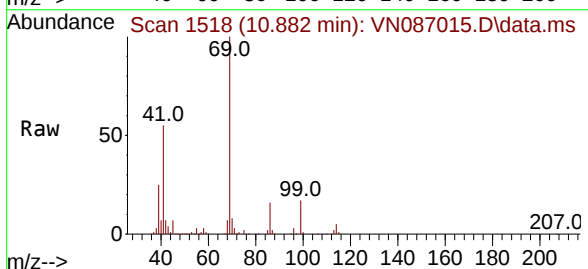
Tgt Ion: 97 Resp: 122125
Ion Ratio Lower Upper
97 100
83 88.6 69.7 104.5
85 56.7 45.1 67.7
99 65.2 50.6 75.8

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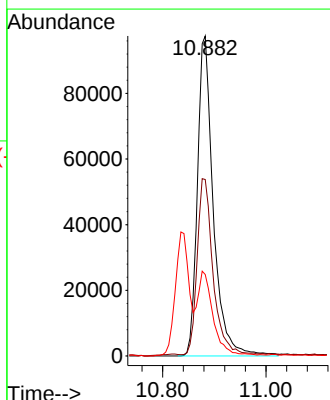
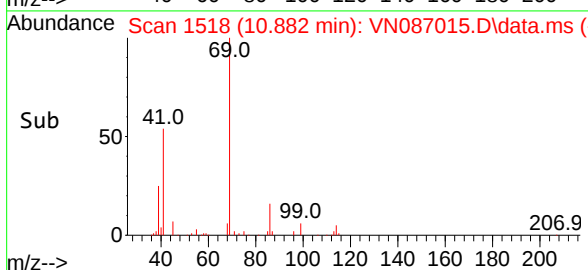
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

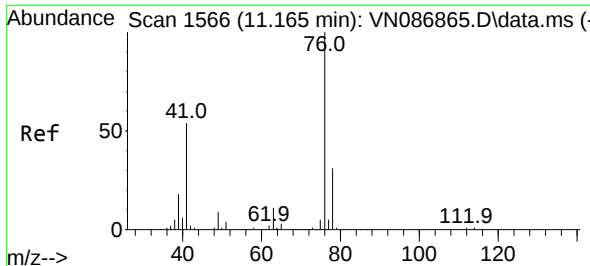


#56
Ethyl methacrylate
Concen: 59.518 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



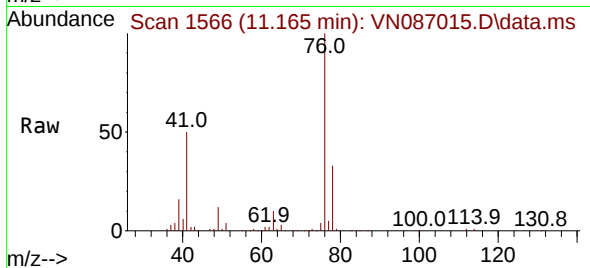
Tgt Ion: 69 Resp: 208346
Ion Ratio Lower Upper
69 100
41 54.9 47.2 70.8
39 25.6 23.0 34.6





#57
1,3-Dichloropropane
Concen: 56.341 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

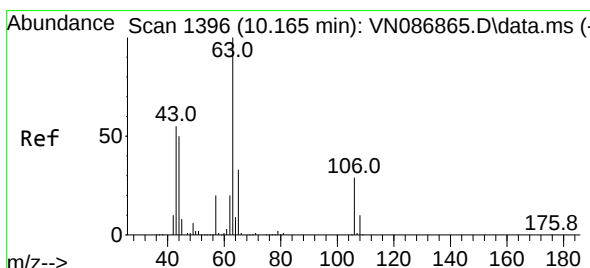
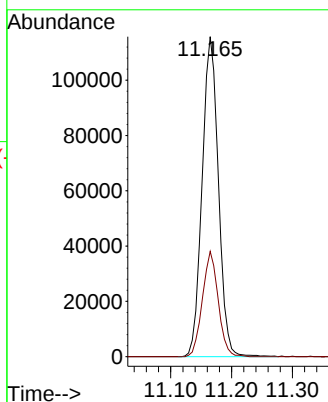
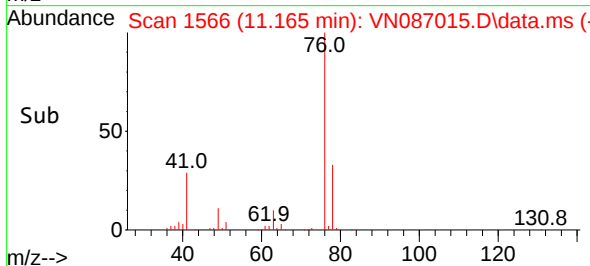
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



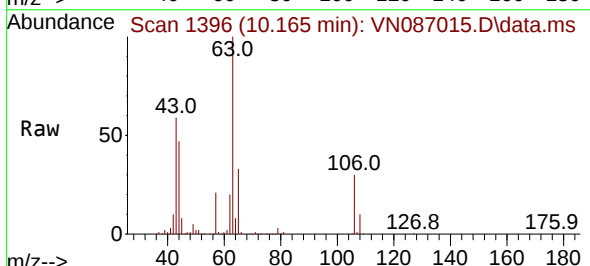
Tgt Ion: 76 Resp: 21480
Ion Ratio Lower Upper
76 100
78 31.9 25.3 37.9

Manual Integrations
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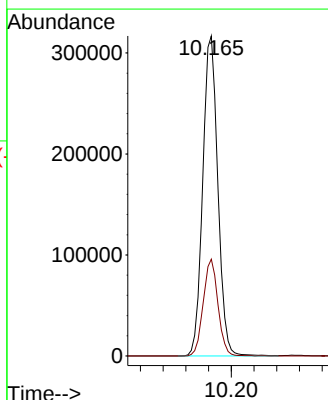
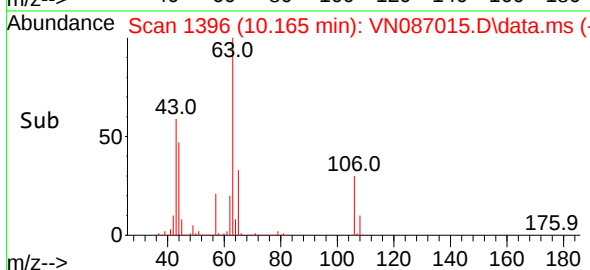
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

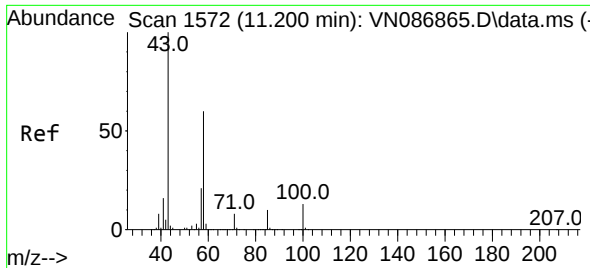


#58
2-Chloroethyl Vinyl ether
Concen: 278.815 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



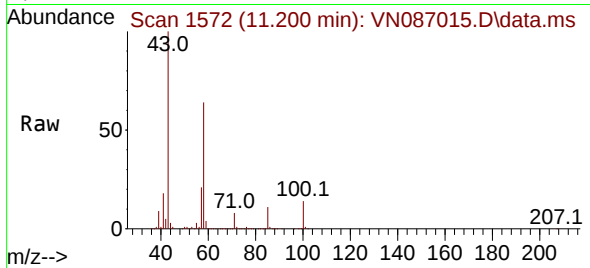
Tgt Ion: 63 Resp: 582139
Ion Ratio Lower Upper
63 100
106 29.5 23.0 34.6





#59
2-Hexanone
Concen: 279.908 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

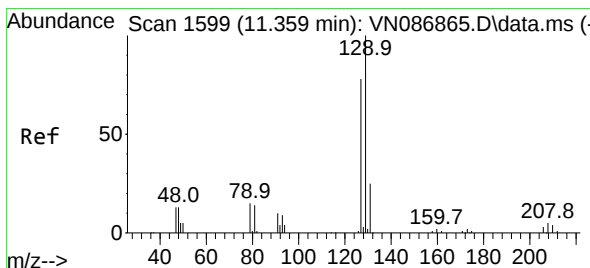
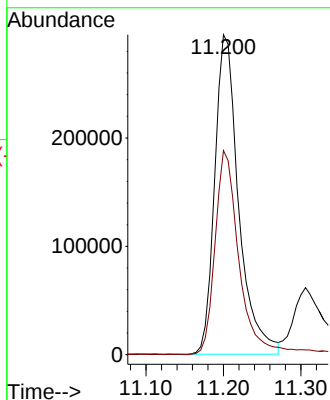
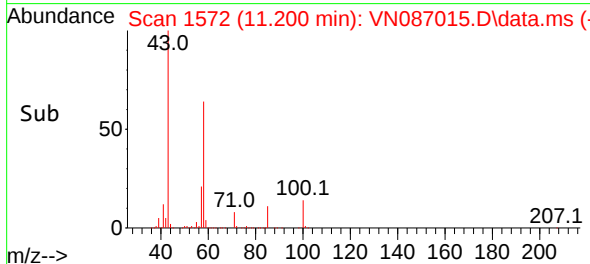
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 63385
Ion Ratio Lower Upper
43 100
58 66.1 30.4 91.3

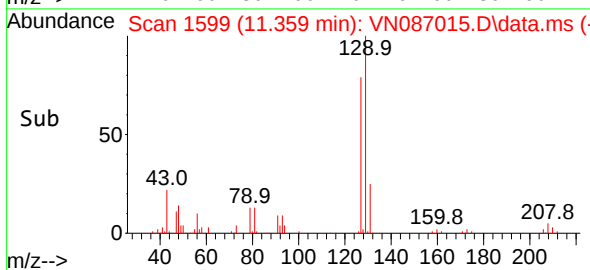
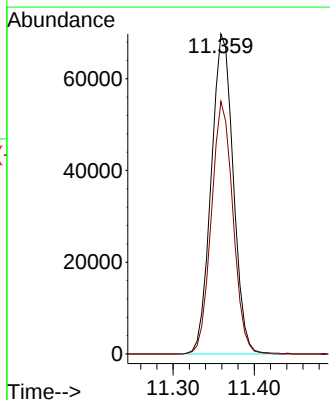
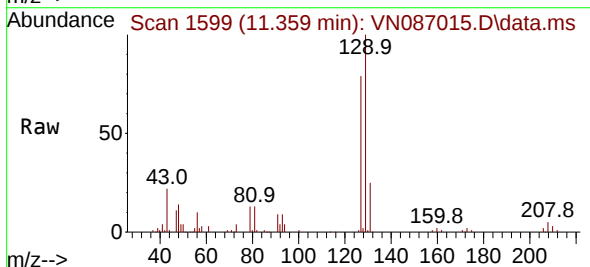
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#60
Dibromochloromethane
Concen: 57.629 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

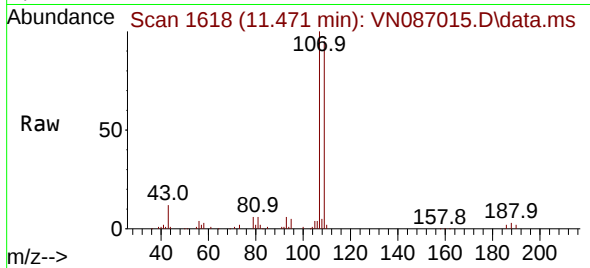
Tgt Ion:129 Resp: 131961
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 57.456 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

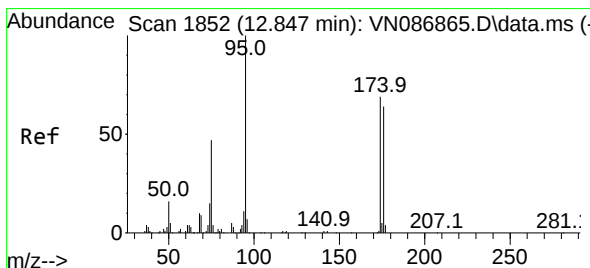
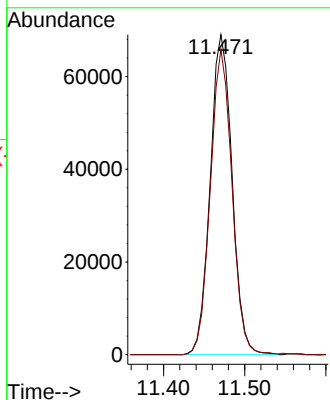
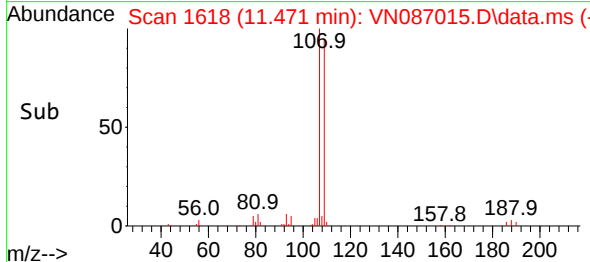
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



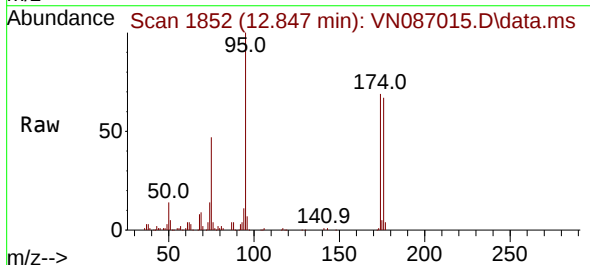
Tgt Ion:107 Resp: 129432
Ion Ratio Lower Upper
107 100
109 94.1 76.3 114.5

Manual Integrations
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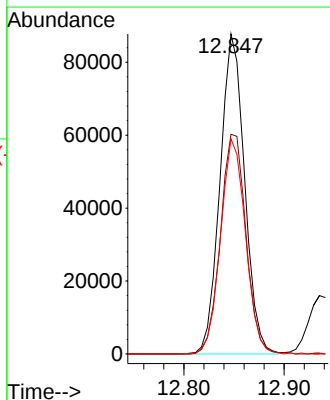
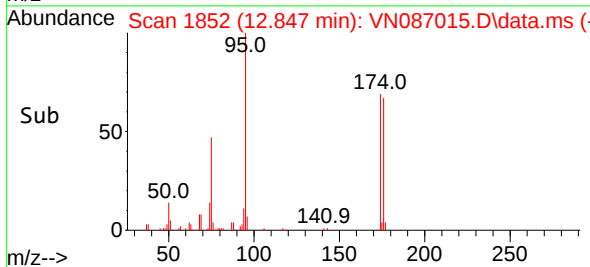
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

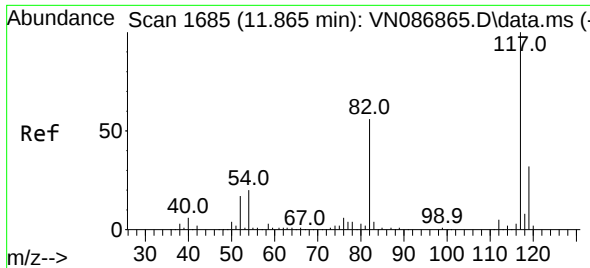


#62
4-Bromofluorobenzene
Concen: 52.808 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



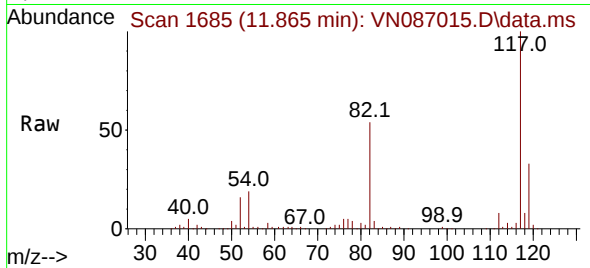
Tgt Ion: 95 Resp: 148979
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.8
176 68.4 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

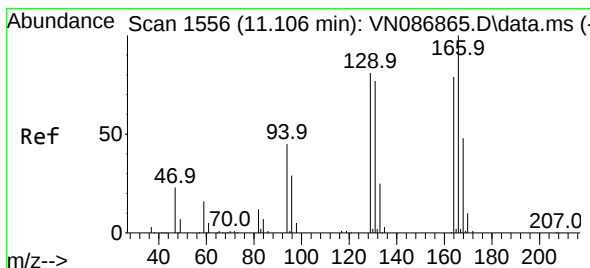
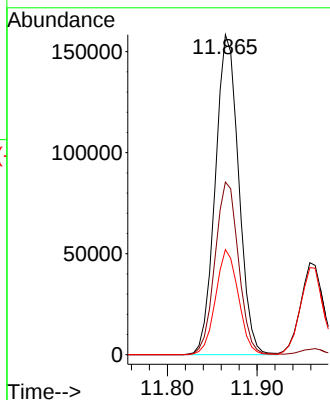
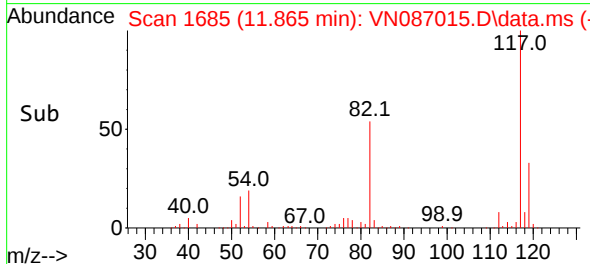
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



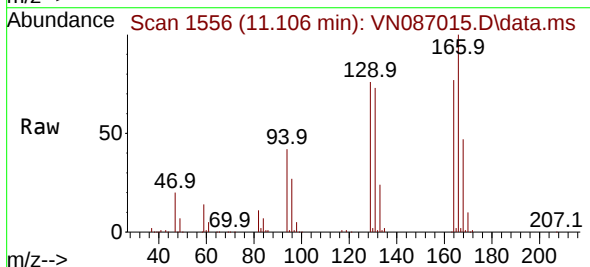
Tgt Ion:117 Resp: 286714
Ion Ratio Lower Upper
117 100
82 53.9 44.6 67.0
119 32.8 25.5 38.3

Manual Integrations
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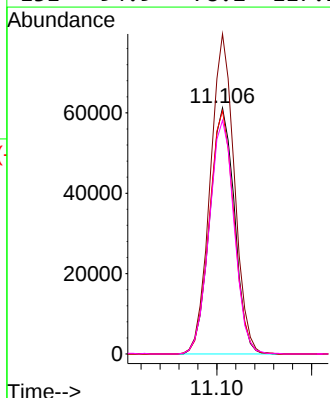
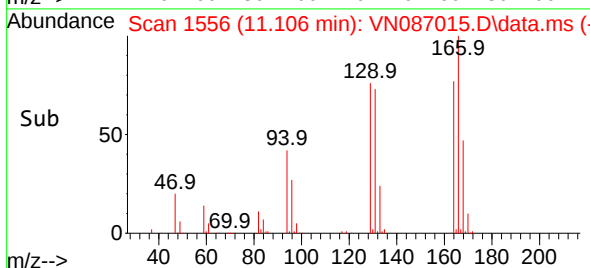
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

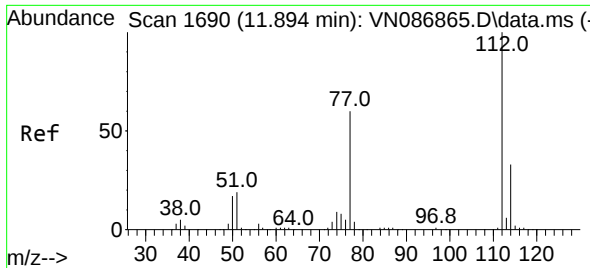


#64
Tetrachloroethene
Concen: 61.148 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



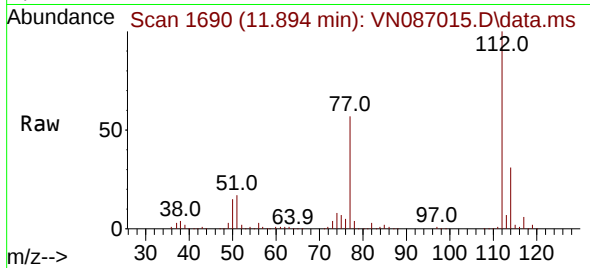
Tgt Ion:164 Resp: 110954
Ion Ratio Lower Upper
164 100
166 130.1 101.8 152.8
129 98.8 83.0 124.4
131 94.9 78.2 117.2





#65
Chlorobenzene
Concen: 55.910 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

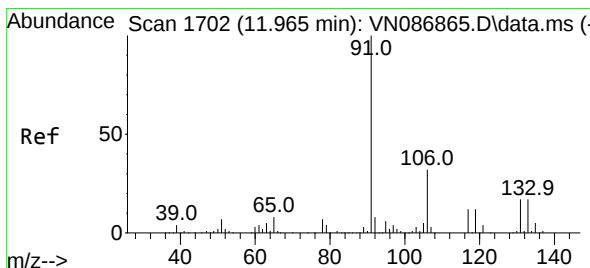
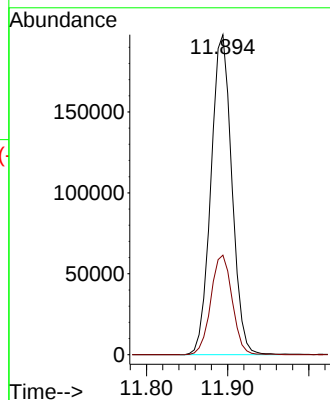
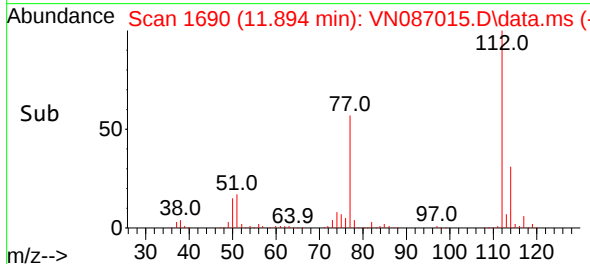
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



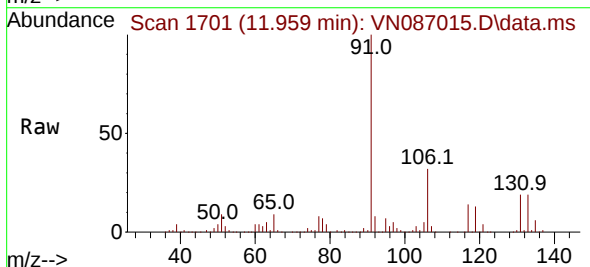
Tgt Ion:112 Resp: 353548
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2

Manual Integrations
APPROVED

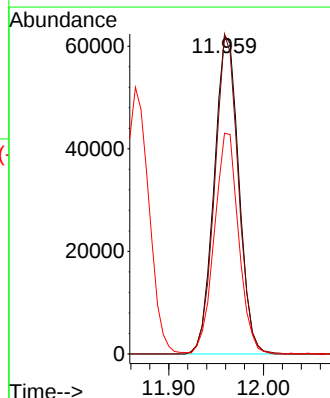
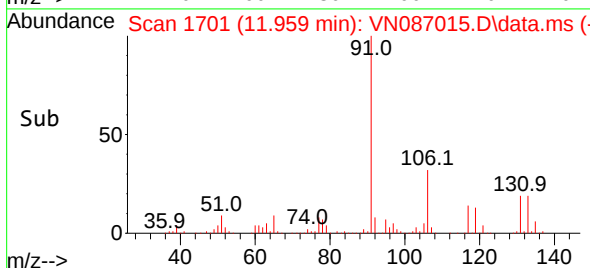
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

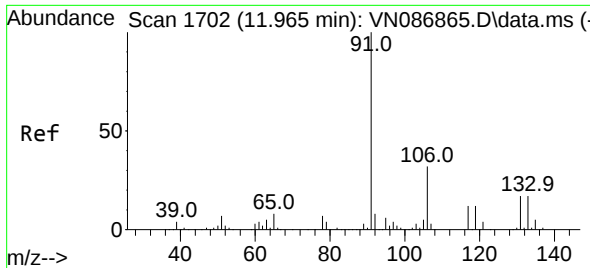


#66
1,1,1,2-Tetrachloroethane
Concen: 55.207 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



Tgt Ion:131 Resp: 112219
Ion Ratio Lower Upper
131 100
133 96.3 48.3 144.8
119 68.5 34.0 101.8





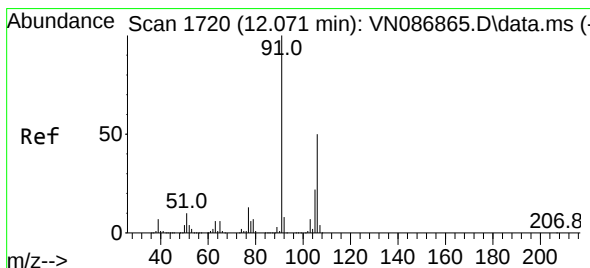
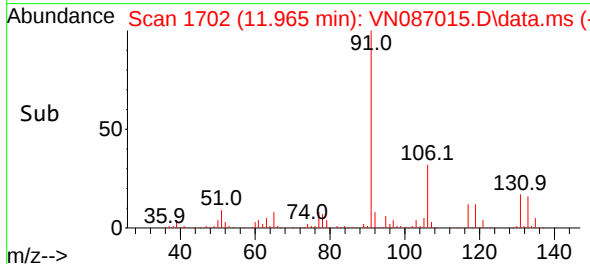
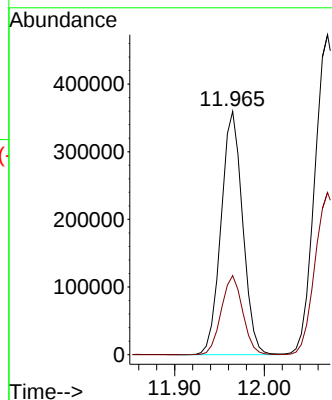
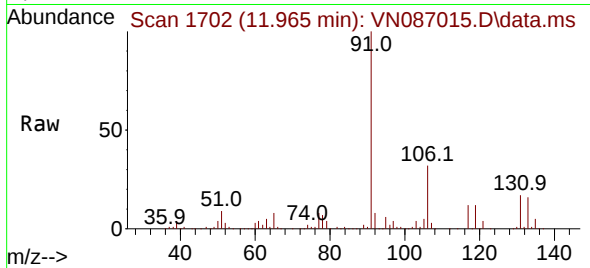
#67
Ethyl Benzene
Concen: 55.151 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 60072
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2

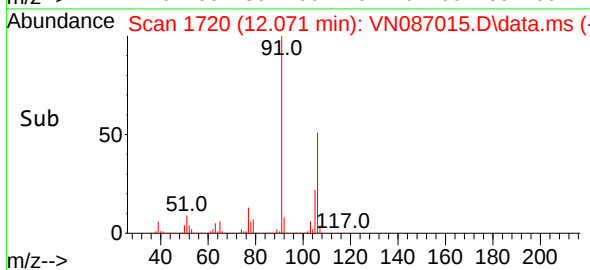
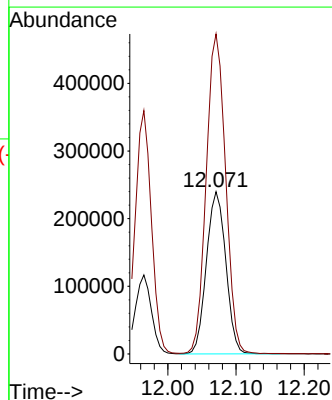
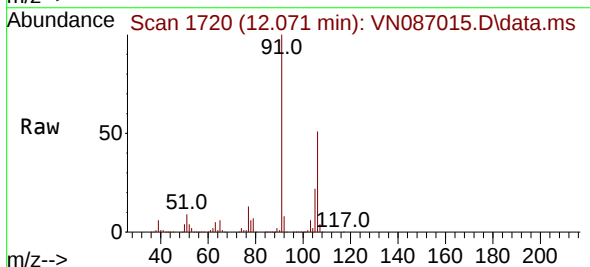
Manual Integrations
APPROVED

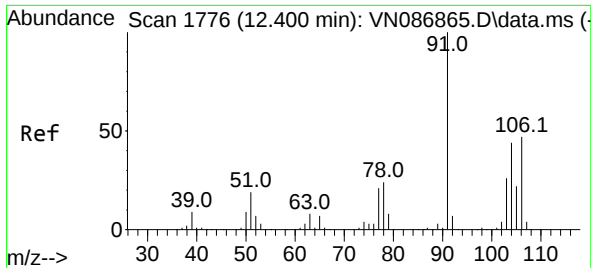
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#68
m/p-Xylenes
Concen: 113.745 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Tgt Ion:106 Resp: 474265
Ion Ratio Lower Upper
106 100
91 197.5 159.4 239.0





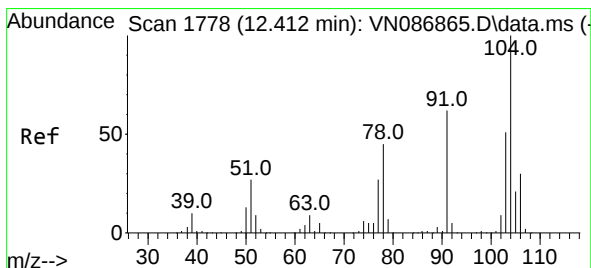
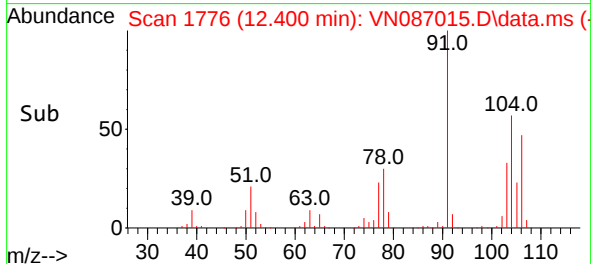
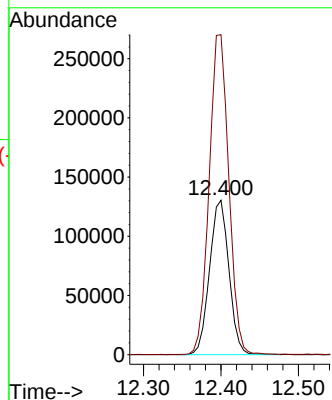
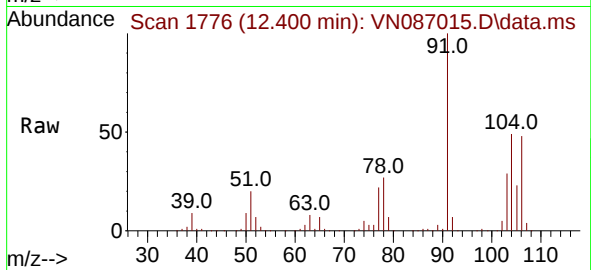
#69
o-Xylene
Concen: 56.733 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 22655
Ion Ratio Lower Upper
106 100
91 210.5 106.1 318.1

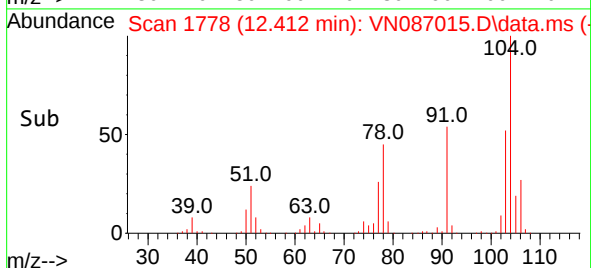
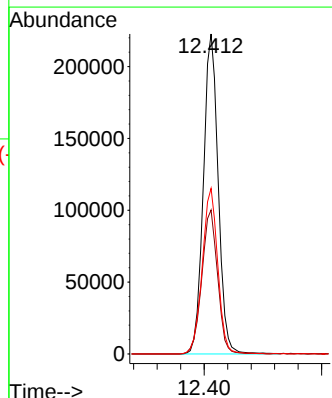
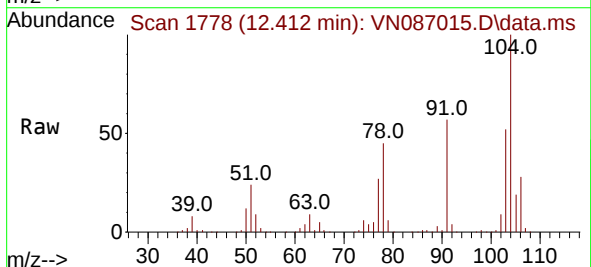
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#70
Styrene
Concen: 57.257 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

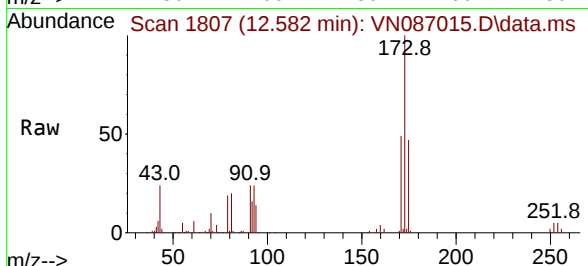
Tgt Ion:104 Resp: 391256
Ion Ratio Lower Upper
104 100
78 47.5 38.5 57.7
103 54.1 43.1 64.7





#71
Bromoform
Concen: 57.160 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

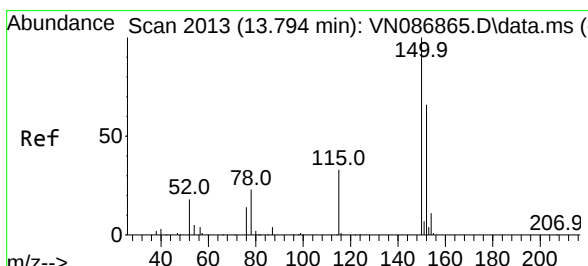
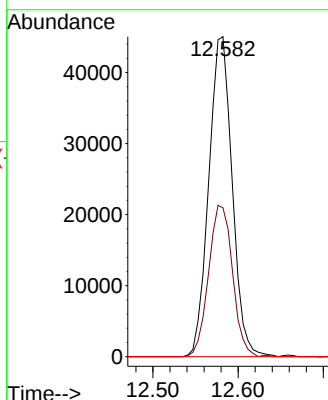
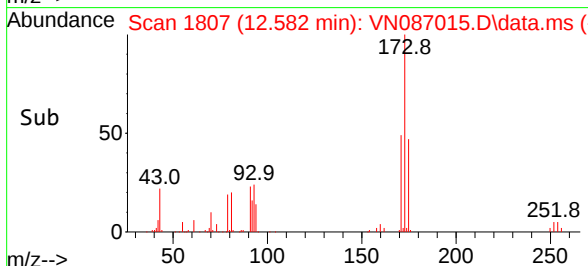
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



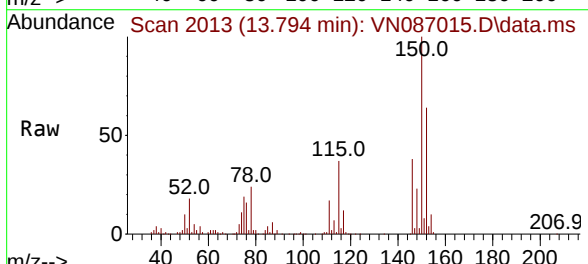
Tgt Ion:173 Resp: 86089
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

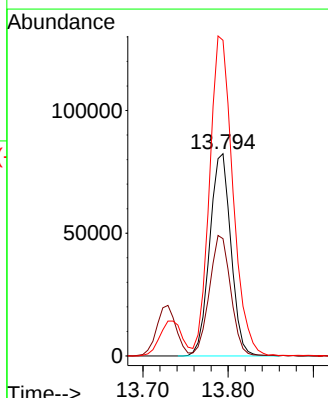
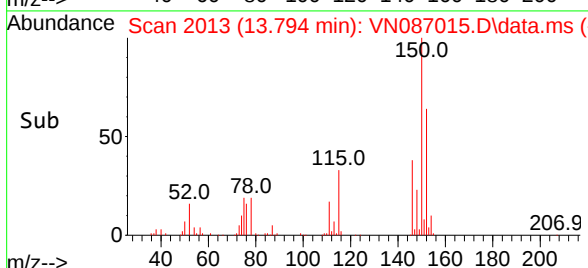
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

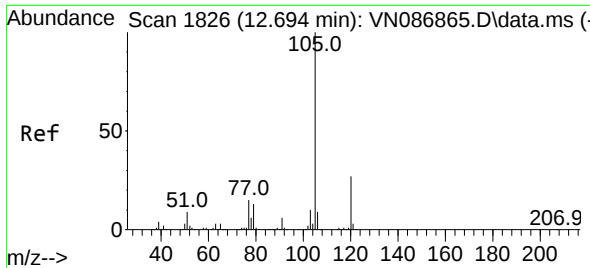


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



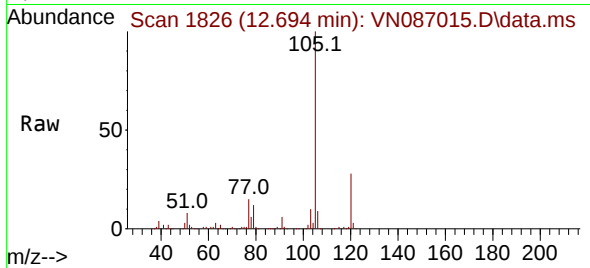
Tgt Ion:152 Resp: 143044
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.5
150 172.9 0.0 345.0





#73
Isopropylbenzene
Concen: 52.915 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

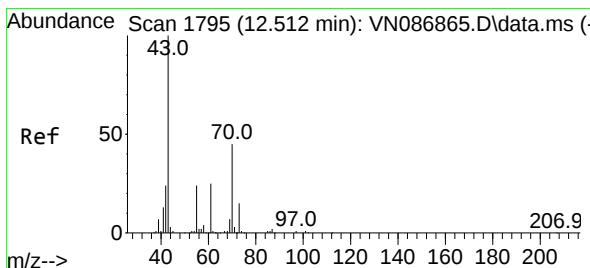
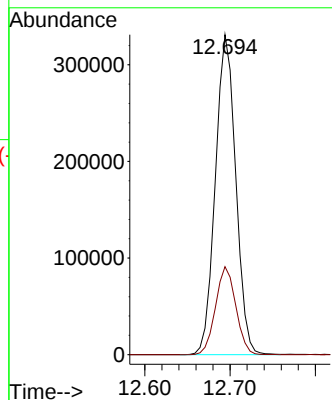
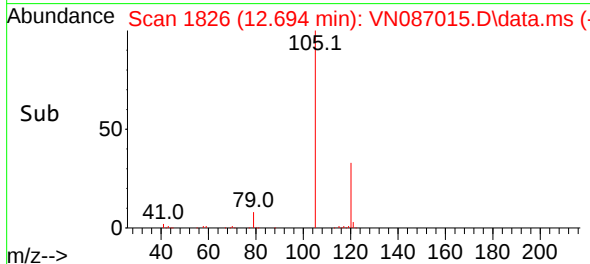
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



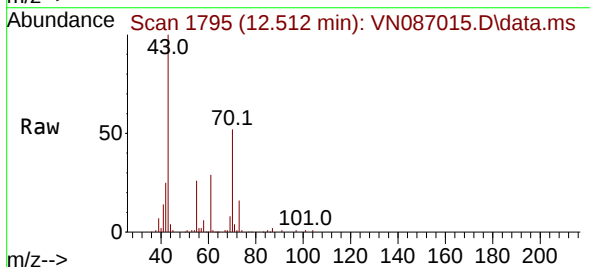
Tgt Ion: 105 Resp: 55142
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

Manual Integrations
APPROVED

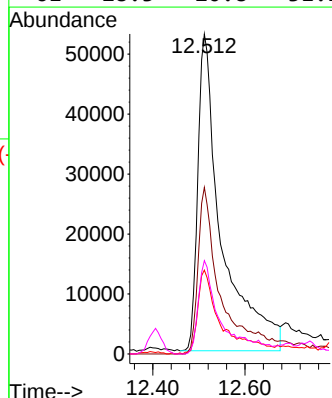
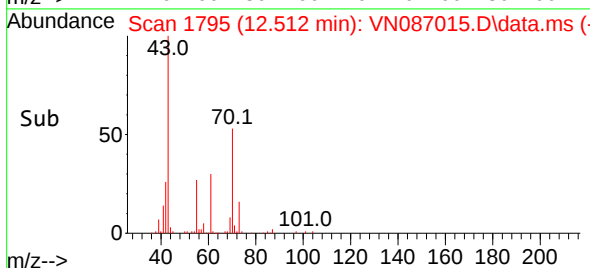
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

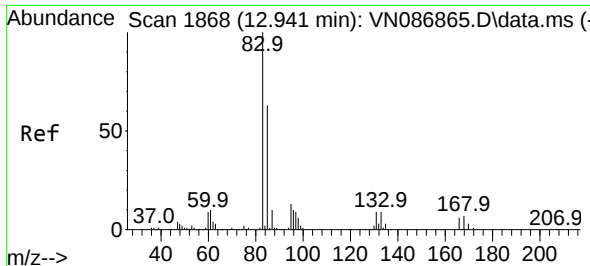


#74
N-ethyl acetate
Concen: 52.247 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



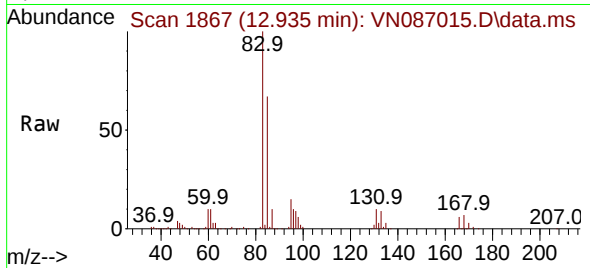
Tgt Ion: 43 Resp: 190258
Ion Ratio Lower Upper
43 100
70 49.9 37.6 56.4
55 26.3 19.0 28.6
61 28.3 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 55.290 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

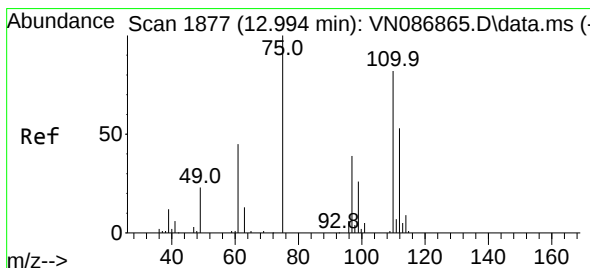
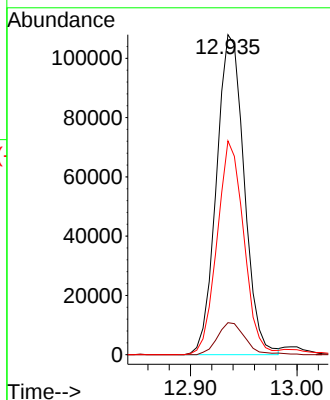
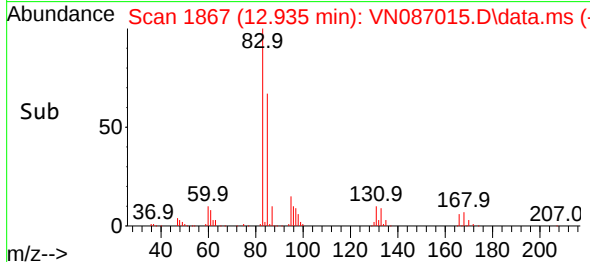
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 195192
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 64.4 32.0 96.0

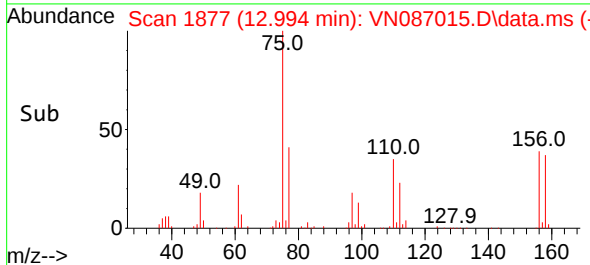
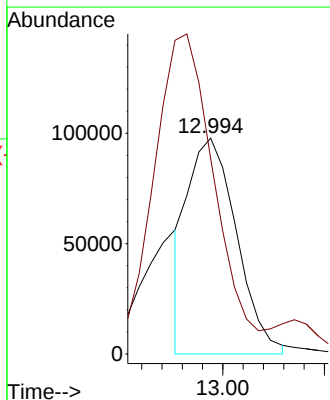
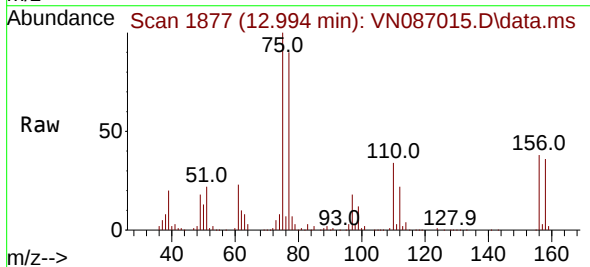
Manual Integrations
APPROVED

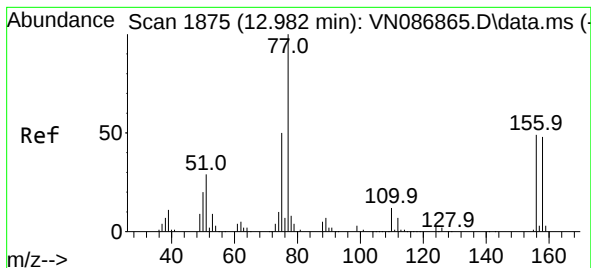
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#76
1,2,3-Trichloropropane
Concen: 48.082 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Tgt Ion: 75 Resp: 163490
Ion Ratio Lower Upper
75 100
77 184.3 79.3 237.9





#77

Bromobenzene

Concen: 56.217 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

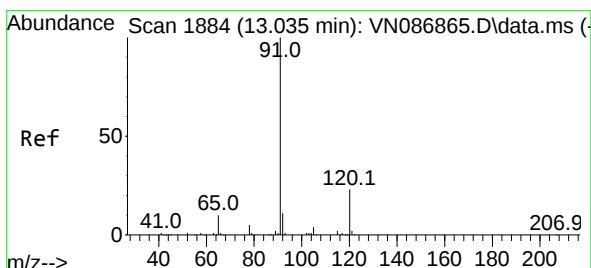
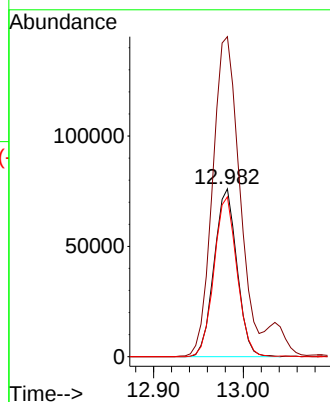
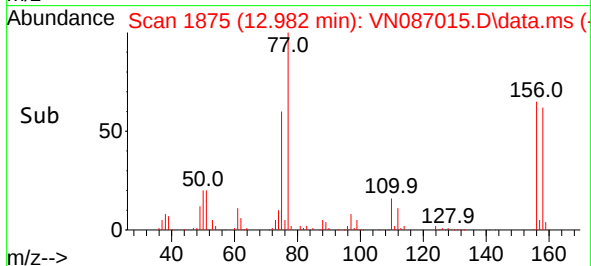
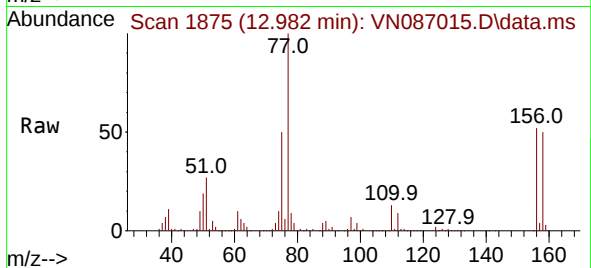
Tgt Ion:156 Resp: 13435
 Ion Ratio Lower Upper
 156 100
 77 224.3 117.7 353.1
 158 95.8 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#78

n-propylbenzene

Concen: 51.930 ug/l

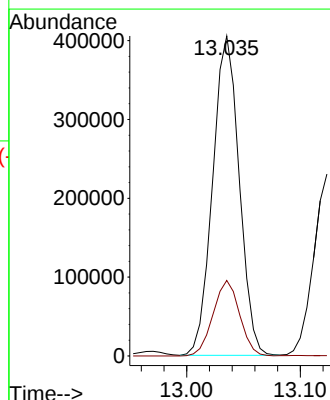
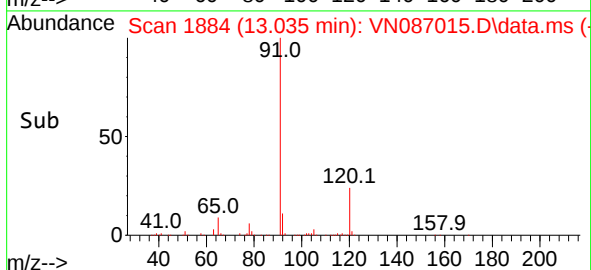
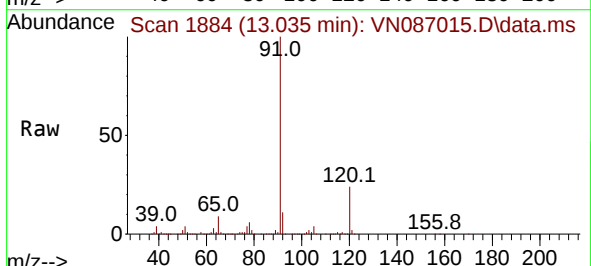
RT: 13.035 min Scan# 1884

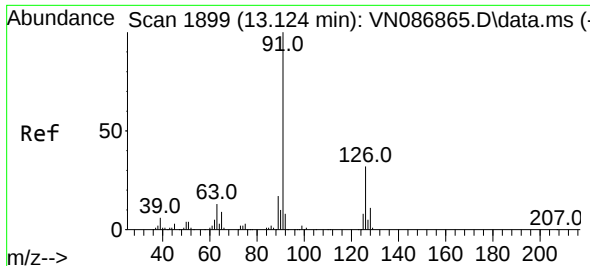
Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Tgt Ion: 91 Resp: 657646
 Ion Ratio Lower Upper
 91 100
 120 23.6 11.4 34.2





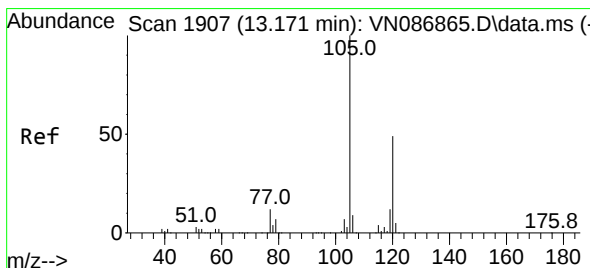
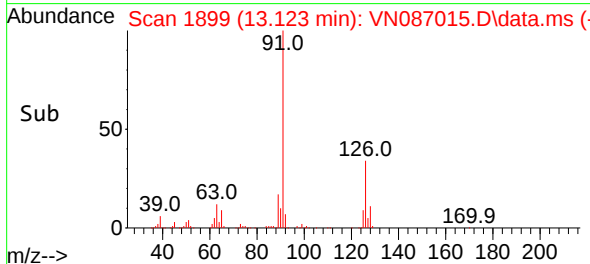
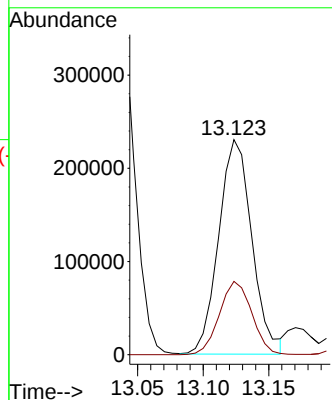
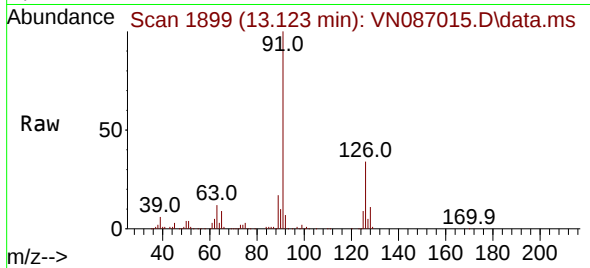
#79
2-Chlorotoluene
Concen: 53.388 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 405474
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.5

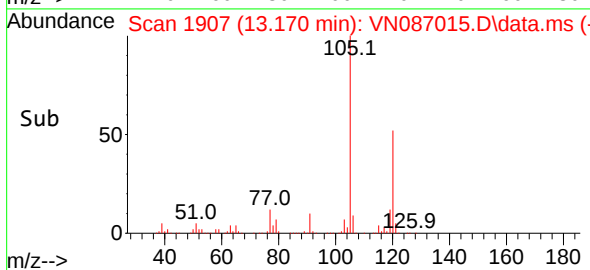
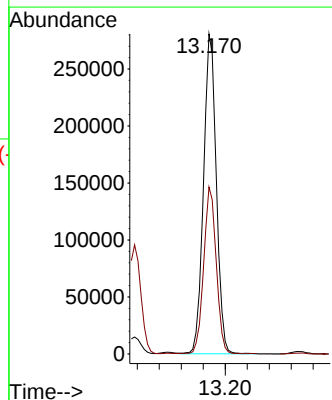
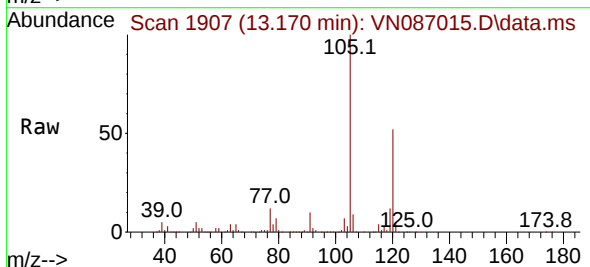
Manual Integrations
APPROVED

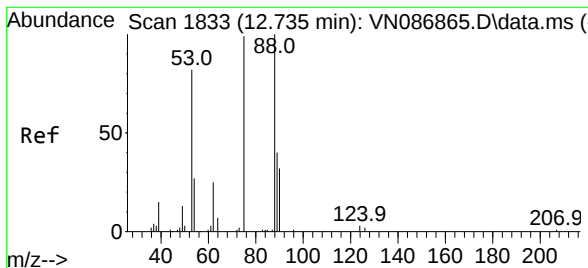
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.608 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

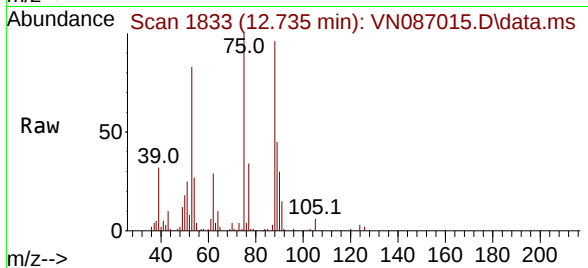
Tgt Ion:105 Resp: 452624
Ion Ratio Lower Upper
105 100
120 51.0 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 38.297 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

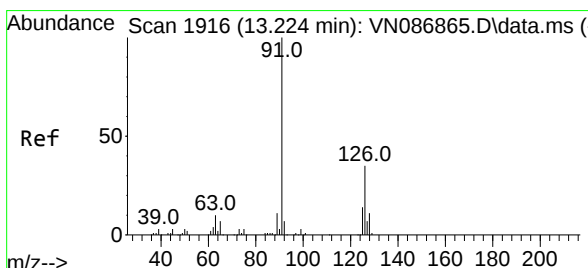
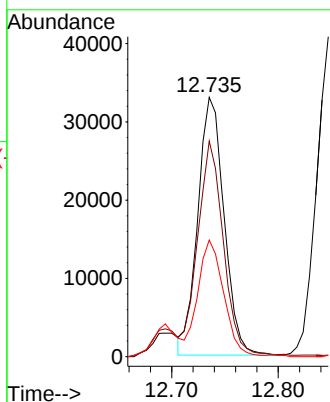
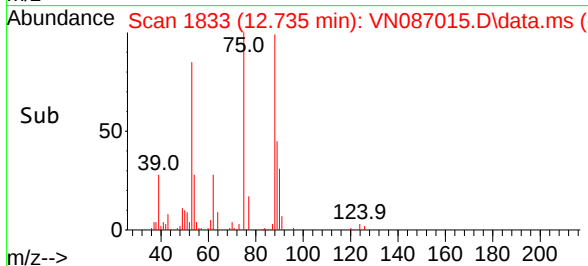
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 56569
Ion Ratio Lower Upper
75 100
53 81.5 66.6 99.8
89 43.4 36.7 55.1

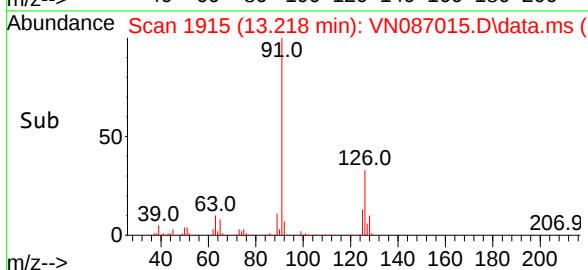
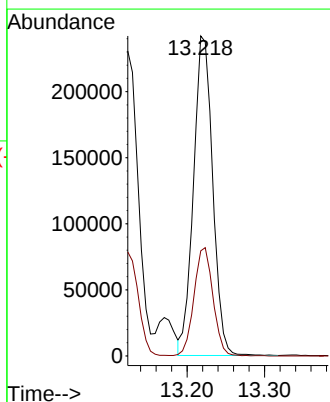
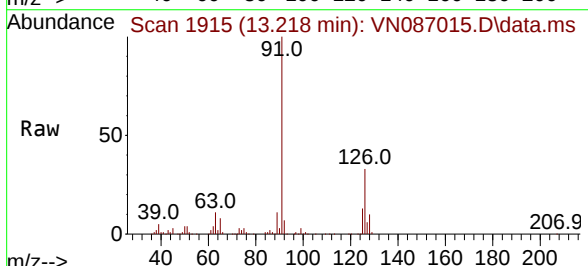
Manual Integrations
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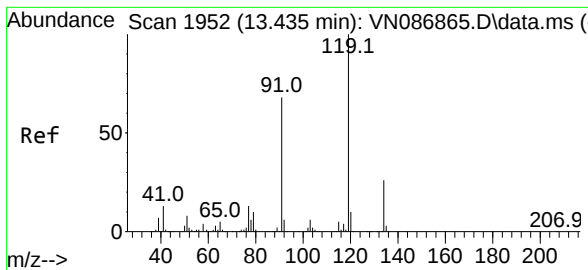
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#82
4-Chlorotoluene
Concen: 54.095 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

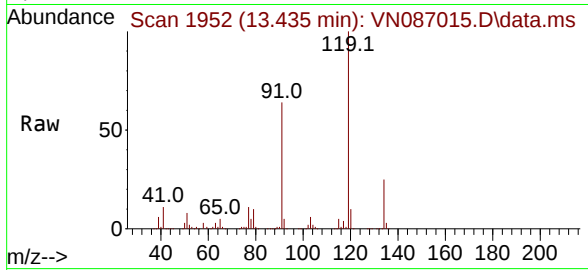
Tgt Ion: 91 Resp: 415698
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.1





#83
tert-Butylbenzene
Concen: 51.101 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

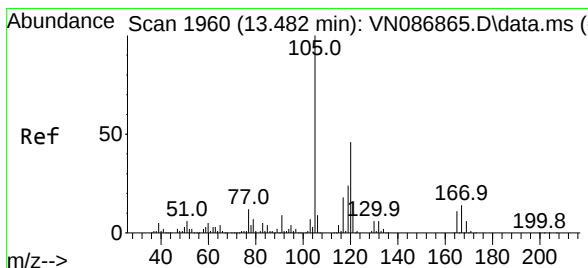
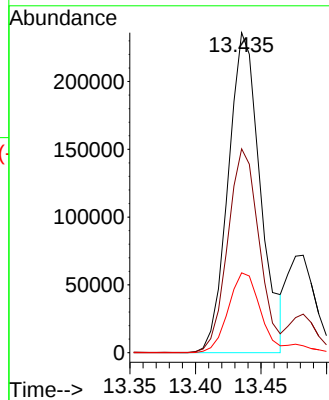
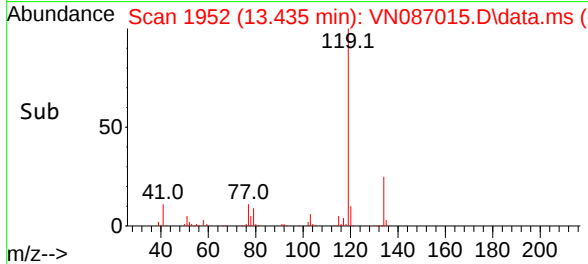
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



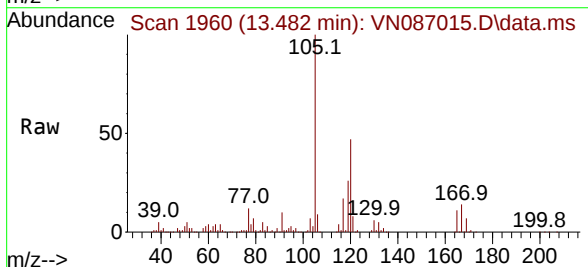
Tgt Ion:119 Resp: 402449
Ion Ratio Lower Upper
119 100
91 62.3 32.1 96.5
134 26.6 13.4 40.1

Manual Integrations
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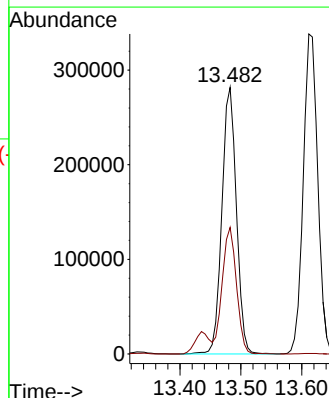
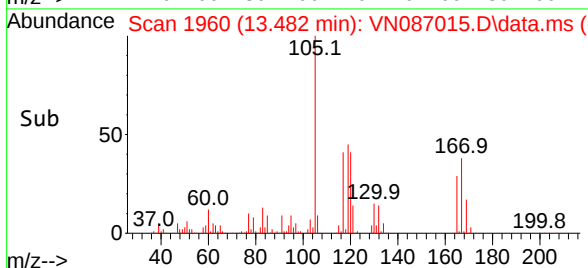
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

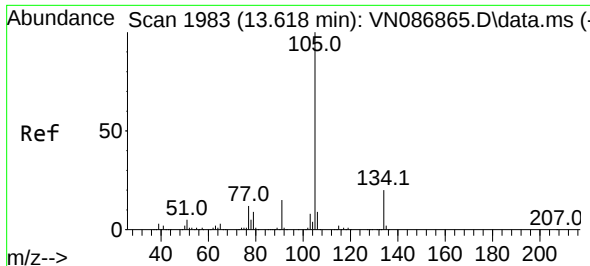


#84
1,2,4-Trimethylbenzene
Concen: 54.055 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



Tgt Ion:105 Resp: 466357
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6





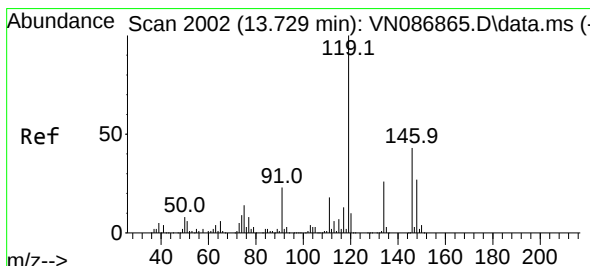
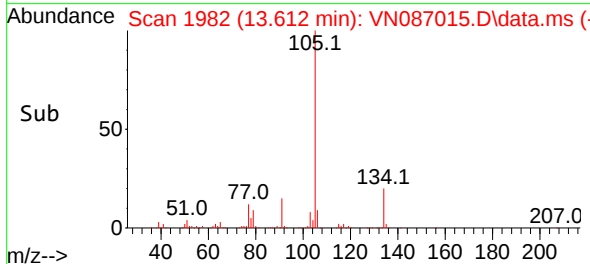
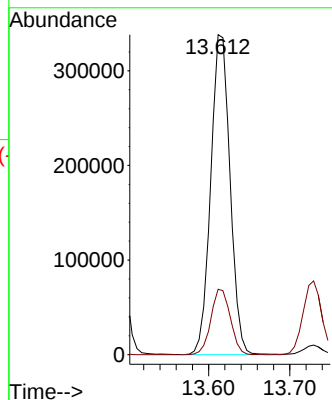
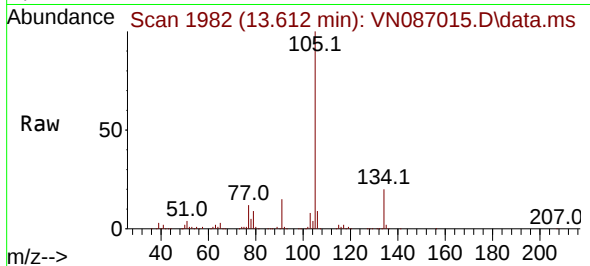
#85
 sec-Butylbenzene
 Concen: 48.896 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087015.D
 Acq: 13 Jun 2025 20:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 559228
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0

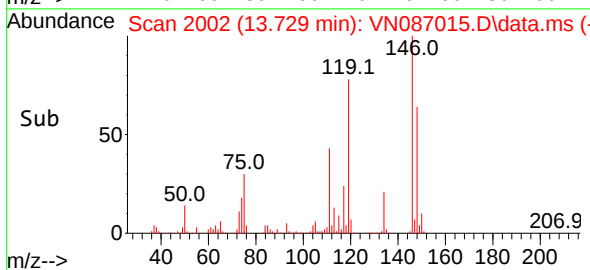
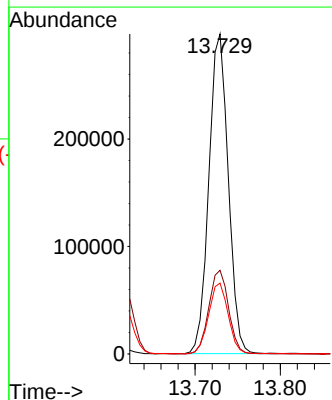
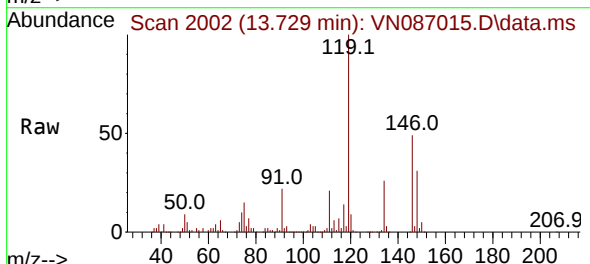
Manual Integrations
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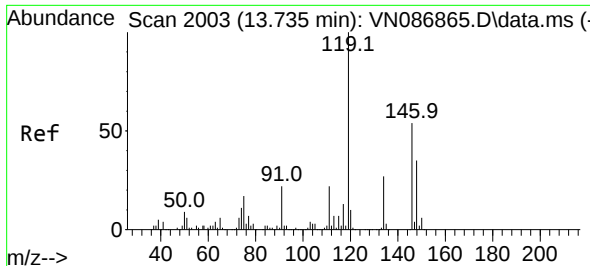
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#86
 p-Isopropyltoluene
 Concen: 49.723 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087015.D
 Acq: 13 Jun 2025 20:13

Tgt Ion:119 Resp: 470095
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.3 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 54.127 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 254500

Ion Ratio Lower Upper

146 100

111 42.3 20.9 62.8

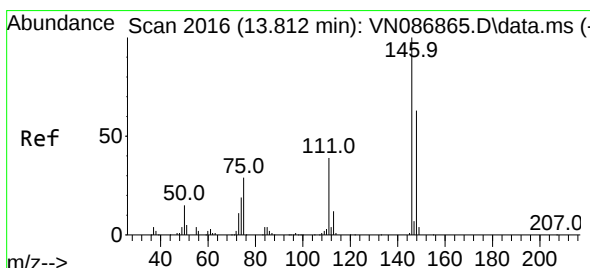
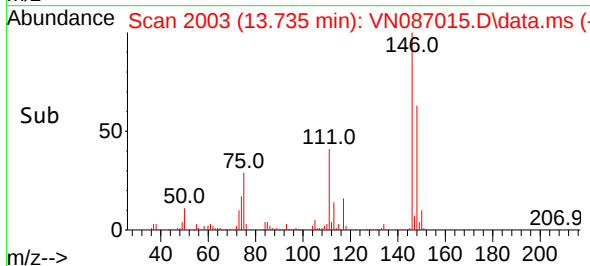
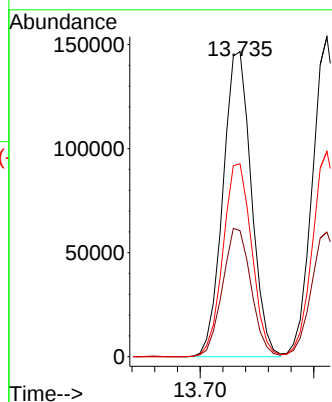
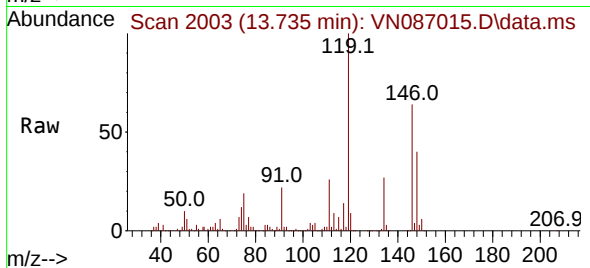
148 64.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#88

1,4-Dichlorobenzene

Concen: 54.093 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN087015.D

Acq: 13 Jun 2025 20:13

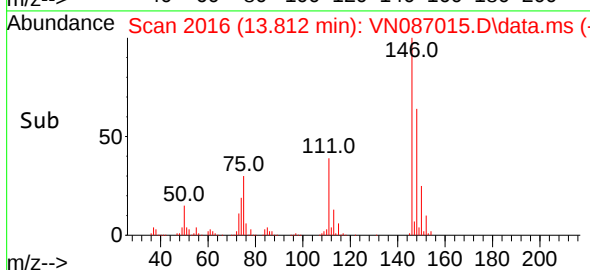
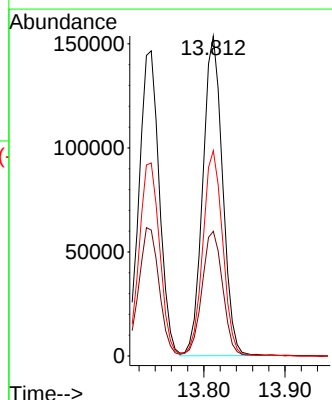
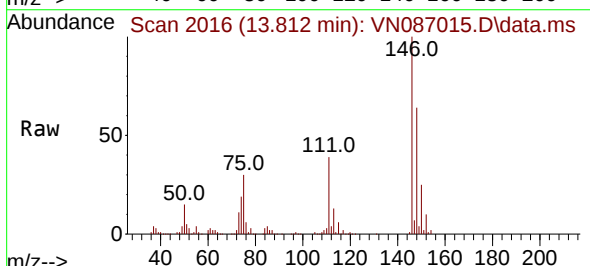
Tgt Ion:146 Resp: 259312

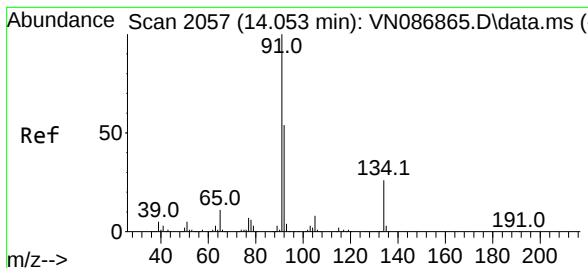
Ion Ratio Lower Upper

146 100

111 41.2 19.9 59.7

148 64.2 31.8 95.4





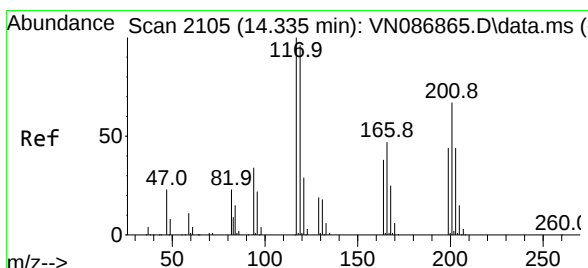
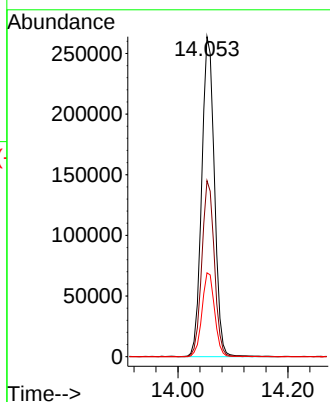
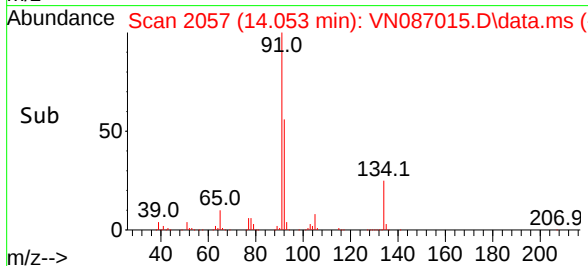
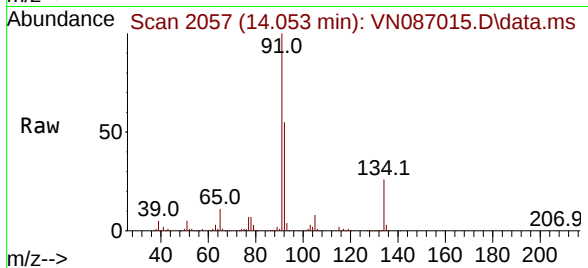
#89
n-Butylbenzene
Concen: 46.215 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 423209
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 26.0 13.0 39.0

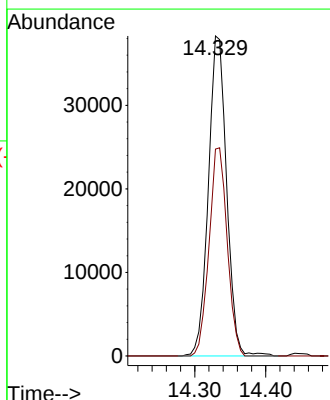
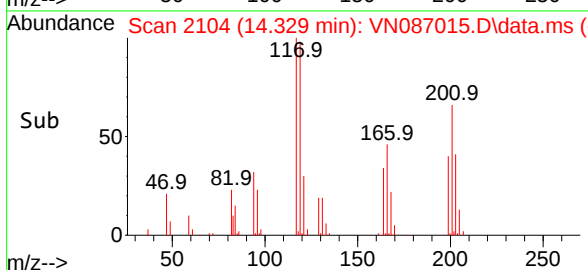
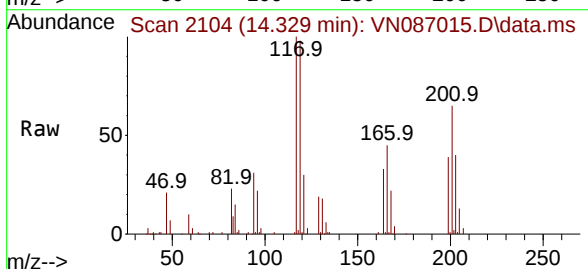
Manual Integrations
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Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#90
Hexachloroethane
Concen: 42.577 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Tgt Ion:117 Resp: 68232
Ion Ratio Lower Upper
117 100
201 64.7 33.2 99.6





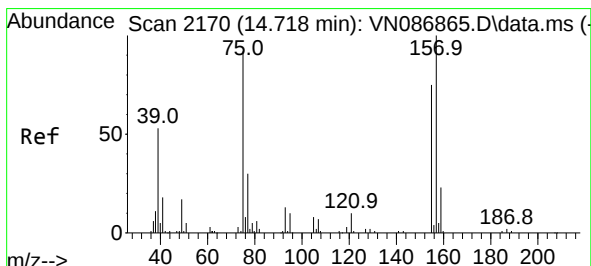
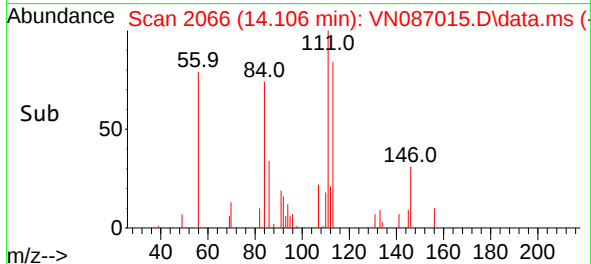
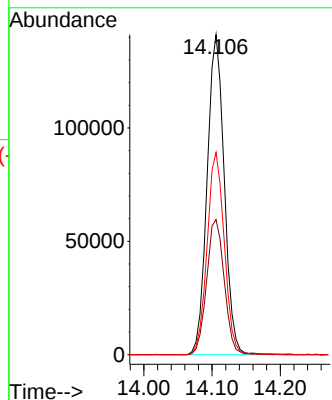
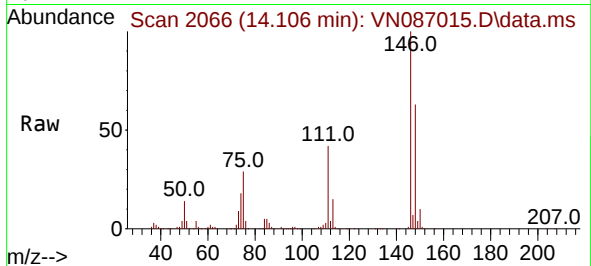
#91
1,2-Dichlorobenzene
Concen: 54.592 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 246617
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.6
148 63.5 31.7 95.1

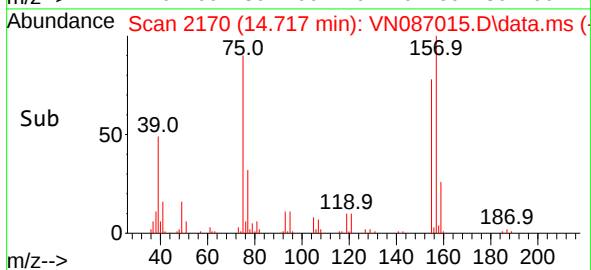
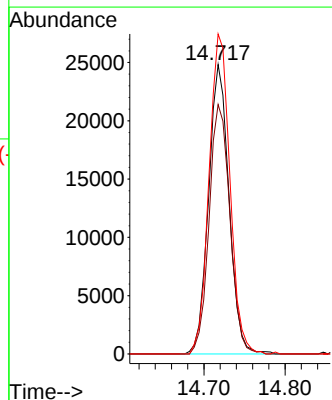
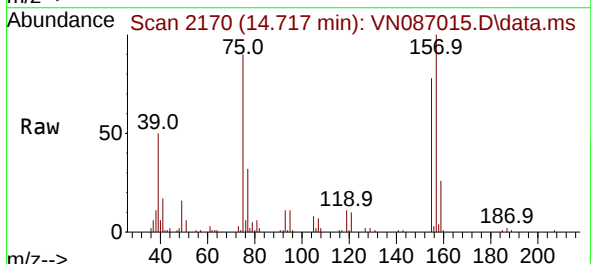
Manual Integrations
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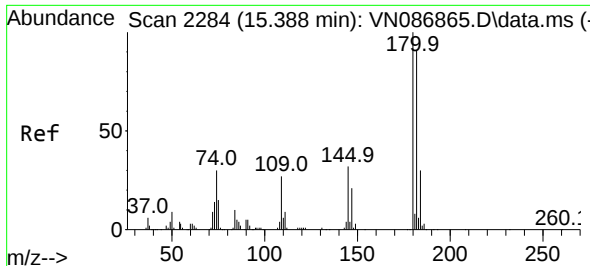
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.477 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

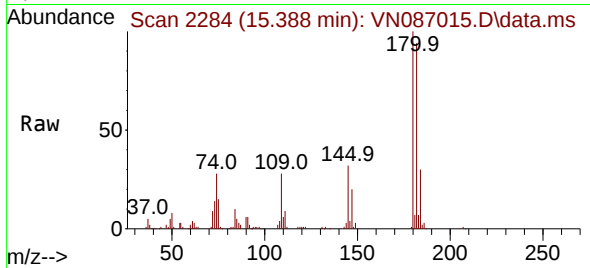
Tgt Ion: 75 Resp: 43462
Ion Ratio Lower Upper
75 100
155 87.3 41.1 123.4
157 112.4 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 48.896 ug/l
RT: 15.388 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

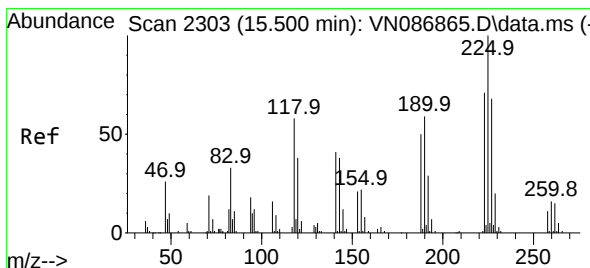
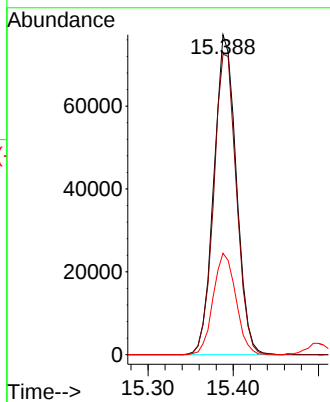
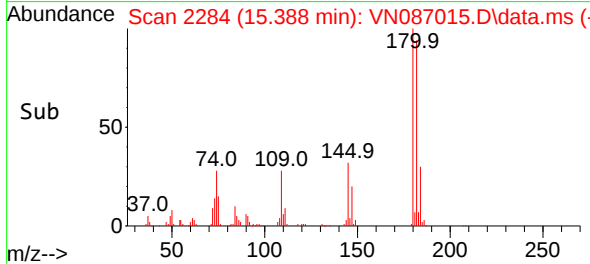
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



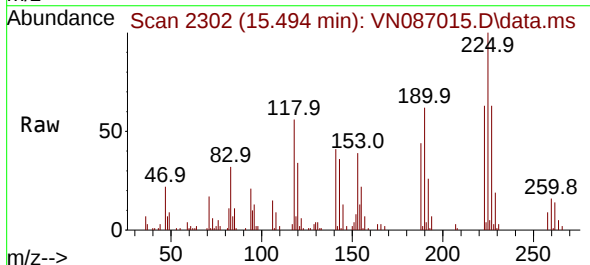
Tgt Ion:180 Resp: 14104
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.7
145 32.1 16.0 47.9

Manual Integrations
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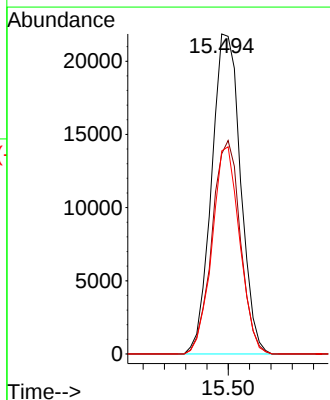
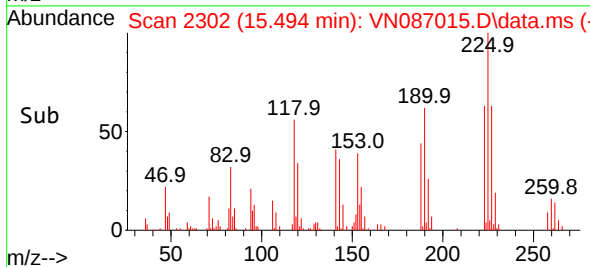
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

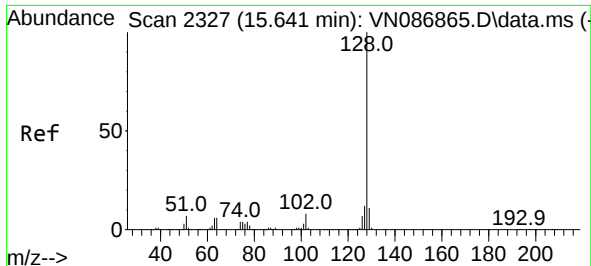


#94
Hexachlorobutadiene
Concen: 38.372 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13



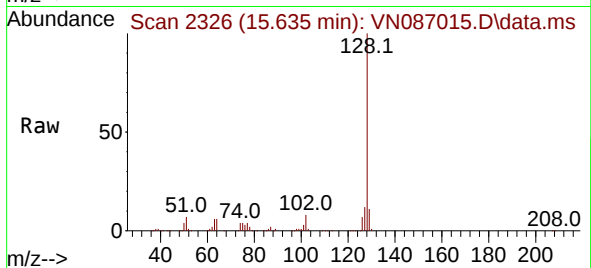
Tgt Ion:225 Resp: 41240
Ion Ratio Lower Upper
225 100
223 65.4 33.5 100.4
227 62.0 31.1 93.5





#95
Naphthalene
Concen: 53.465 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

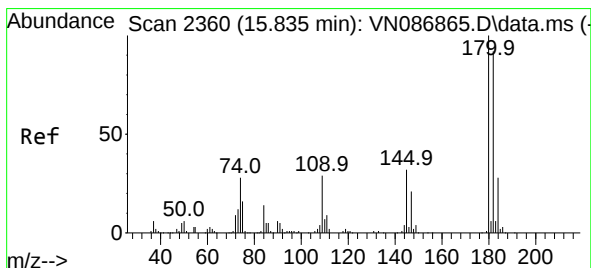
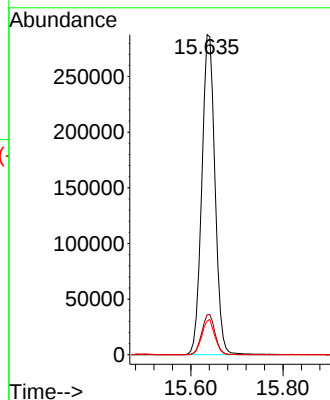
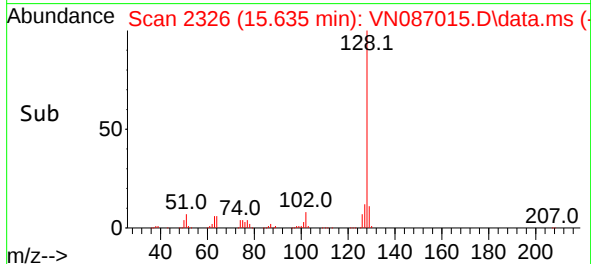
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 574068
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.556 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN087015.D
Acq: 13 Jun 2025 20:13

Tgt Ion:180 Resp: 136299
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.0
145 34.6 16.6 49.8

