

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087100.D
 Acq On : 19 Jun 2025 09:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 01:19:29 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

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	157053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	94849	45.107	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.220%		
35) Dibromofluoromethane	8.171	113	82354	49.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.960%		
50) Toluene-d8	10.565	98	304189	46.633	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.260%		
62) 4-Bromofluorobenzene	12.847	95	114266	47.149	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	91821	58.637	ug/l	99
3) Chloromethane	2.395	50	99602	49.257	ug/l	98
4) Vinyl Chloride	2.553	62	128030	61.379	ug/l	98
5) Bromomethane	2.995	94	63194	54.137	ug/l	96
6) Chloroethane	3.153	64	79682	59.139	ug/l	96
7) Trichlorofluoromethane	3.530	101	159307	58.455	ug/l	98
8) Diethyl Ether	3.983	74	66903	56.344	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	99010	57.825	ug/l	98
10) Methyl Iodide	4.606	142	79070	35.624	ug/l #	91
11) Tert butyl alcohol	5.536	59	132196	231.693	ug/l	99
12) 1,1-Dichloroethene	4.371	96	102722	58.764	ug/l	94
13) Acrolein	4.200	56	75576	418.463	ug/l	99
14) Allyl chloride	5.047	41	149234	51.477	ug/l	95
15) Acrylonitrile	5.736	53	351875	263.851	ug/l	100
16) Acetone	4.441	43	285191	255.751	ug/l	100
17) Carbon Disulfide	4.736	76	296271	61.273	ug/l	98
18) Methyl Acetate	5.047	43	148831	45.799	ug/l	97
19) Methyl tert-butyl Ether	5.818	73	347549	54.911	ug/l	98
20) Methylene Chloride	5.300	84	115852	55.493	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	110371	56.750	ug/l	96
22) Diisopropyl ether	6.683	45	321446	52.602	ug/l	95
23) Vinyl Acetate	6.618	43	1411385	273.362	ug/l	98
24) 1,1-Dichloroethane	6.583	63	198785	56.526	ug/l	99
25) 2-Butanone	7.488	43	441572	243.615	ug/l	97
26) 2,2-Dichloropropane	7.500	77	171090	62.543	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	131103	56.366	ug/l	99
28) Bromochloromethane	7.824	49	81165	46.941	ug/l	94
29) Tetrahydrofuran	7.847	42	289933	245.546	ug/l	95
30) Chloroform	7.971	83	195599	55.695	ug/l	100
31) Cyclohexane	8.265	56	176136	51.646	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	169121	56.618	ug/l	99
36) 1,1-Dichloropropene	8.377	75	145323	59.187	ug/l	99
37) Ethyl Acetate	7.565	43	165466	52.938	ug/l	98
38) Carbon Tetrachloride	8.371	117	142286	59.026	ug/l	99
39) Methylcyclohexane	9.606	83	166872	49.607	ug/l	97
40) Benzene	8.612	78	460485	57.353	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087100.D
 Acq On : 19 Jun 2025 09:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 20 01:19:29 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 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	89696	51.098	ug/l	93
42) 1,2-Dichloroethane	8.677	62	137283	56.372	ug/l	99
43) Isopropyl Acetate	8.694	43	255218	50.874	ug/l	96
44) Trichloroethene	9.353	130	112240	58.955	ug/l	99
45) 1,2-Dichloropropane	9.624	63	111438	57.050	ug/l	99
46) Dibromomethane	9.712	93	76751	59.155	ug/l	99
47) Bromodichloromethane	9.888	83	152931	57.289	ug/l	98
48) Methyl methacrylate	9.682	41	117229	50.770	ug/l	95
49) 1,4-Dioxane	9.700	88	43879	1044.593	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	805255	266.633	ug/l	98
52) Toluene	10.629	92	284384	57.958	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	174988	58.623	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	185041	57.936	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	107940	57.171	ug/l	99
56) Ethyl methacrylate	10.876	69	176425	58.668	ug/l	94
57) 1,3-Dichloropropane	11.165	76	186250	56.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	511071	284.937	ug/l	99
59) 2-Hexanone	11.200	43	532387	273.673	ug/l	94
60) Dibromochloromethane	11.359	129	117206	59.583	ug/l	99
61) 1,2-Dibromoethane	11.470	107	110430	57.064	ug/l	99
64) Tetrachloroethene	11.106	164	87272	56.223	ug/l	96
65) Chlorobenzene	11.888	112	310675	57.431	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	101699	58.485	ug/l	99
67) Ethyl Benzene	11.965	91	524965	56.340	ug/l	99
68) m/p-Xylenes	12.070	106	417726	117.113	ug/l	98
69) o-Xylene	12.394	106	198006	57.962	ug/l	96
70) Styrene	12.412	104	342586	58.606	ug/l	99
71) Bromoform	12.576	173	78941	61.270	ug/l #	99
73) Isopropylbenzene	12.694	105	490532	53.235	ug/l	100
74) N-amyl acetate	12.512	43	146899	45.622	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	169825	54.402	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	141322m	47.004	ug/l	
77) Bromobenzene	12.976	156	119991	56.782	ug/l	96
78) n-propylbenzene	13.035	91	586015	52.332	ug/l	98
79) 2-Chlorotoluene	13.123	91	352946	52.556	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	407528	53.568	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	65431	50.097	ug/l	98
82) 4-Chlorotoluene	13.217	91	364837	53.692	ug/l	99
83) tert-Butylbenzene	13.435	119	343353	49.305	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	409813	53.720	ug/l	100
85) sec-Butylbenzene	13.611	105	492411	48.691	ug/l	99
86) p-Isopropyltoluene	13.729	119	414725	49.610	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	232408	55.899	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	231597	54.637	ug/l	100
89) n-Butylbenzene	14.053	91	365013	45.078	ug/l	99
90) Hexachloroethane	14.329	117	74155	52.332	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	220753	55.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37254	49.901	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	120236	47.138	ug/l	100
94) Hexachlorobutadiene	15.500	225	33782	35.548	ug/l	99
95) Naphthalene	15.635	128	475311	50.063	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	114676	45.251	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
Data File : VN087100.D
Acq On : 19 Jun 2025 09:31
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

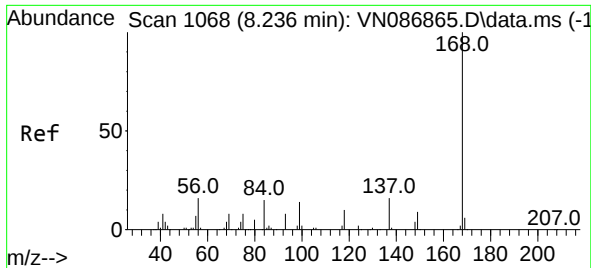
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 01:19:29 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

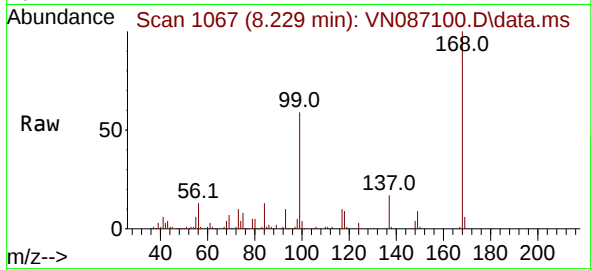
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.007 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

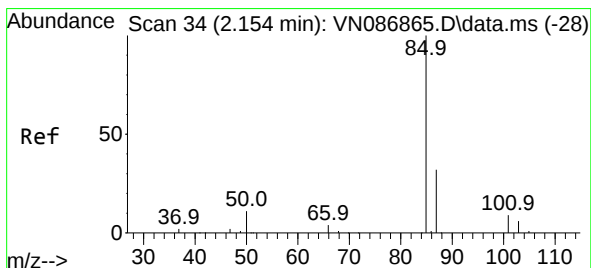
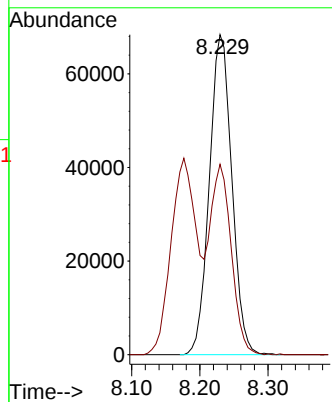
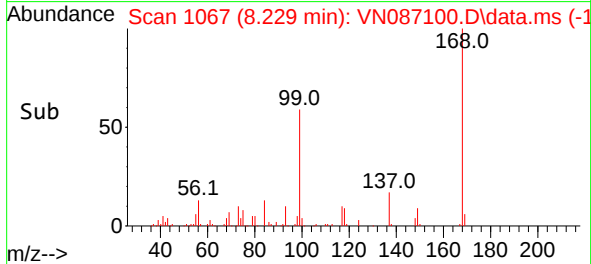
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 15705
Ion Ratio Lower Upper
168 100
99 59.2 49.1 73.7

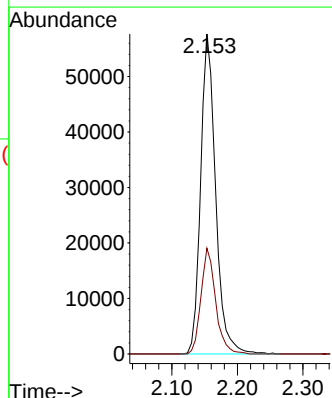
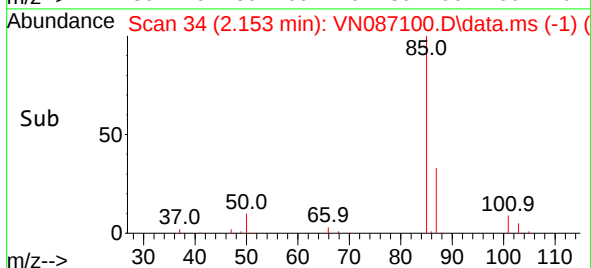
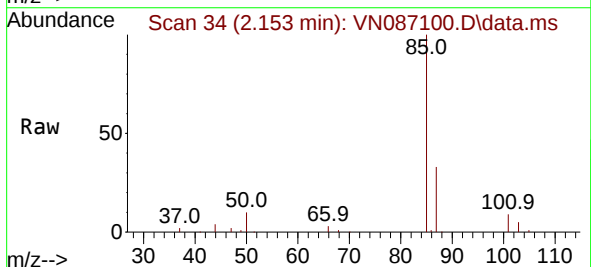
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#2
Dichlorodifluoromethane
Concen: 58.637 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

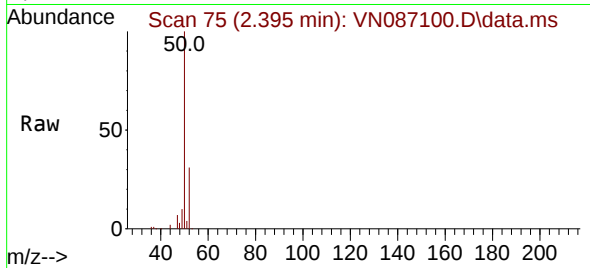
Tgt Ion: 85 Resp: 91821
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6





#3
Chloromethane
Concen: 49.257 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

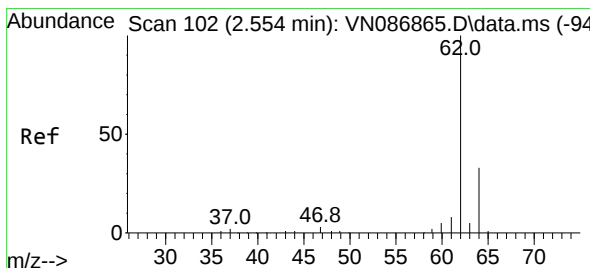
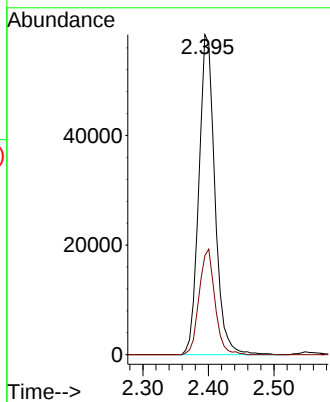
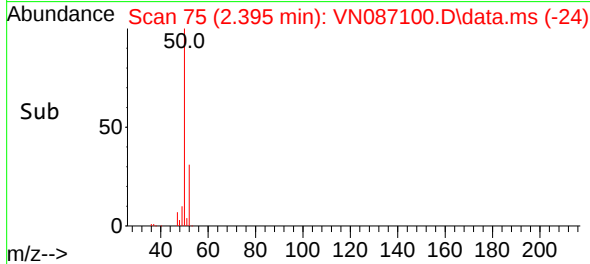
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



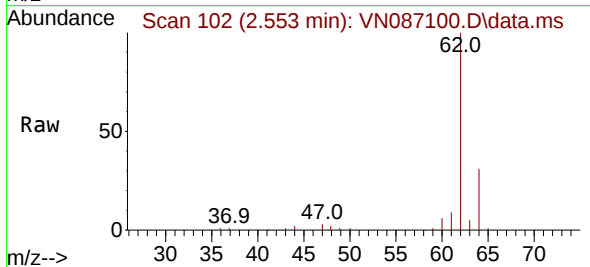
Tgt Ion: 50 Resp: 99602
Ion Ratio Lower Upper
50 100
52 31.0 25.7 38.5

Manual Integrations
APPROVED

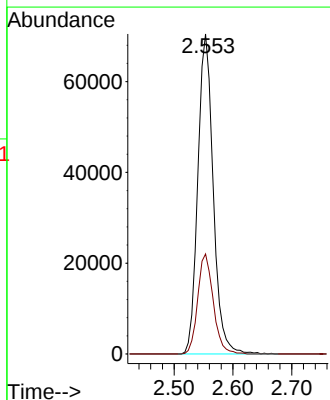
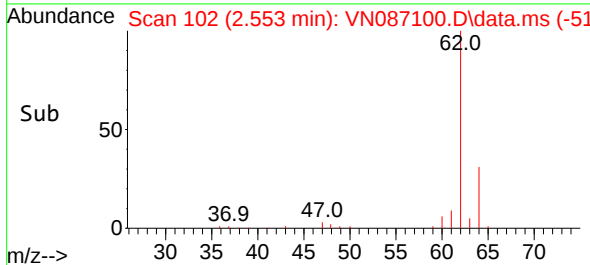
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

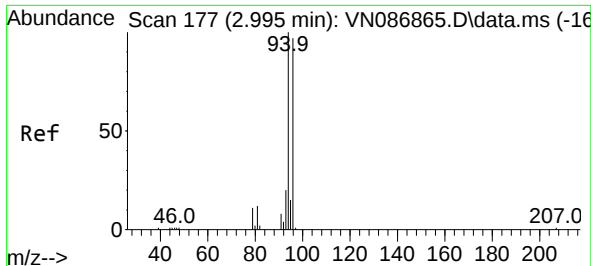


#4
Vinyl Chloride
Concen: 61.379 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



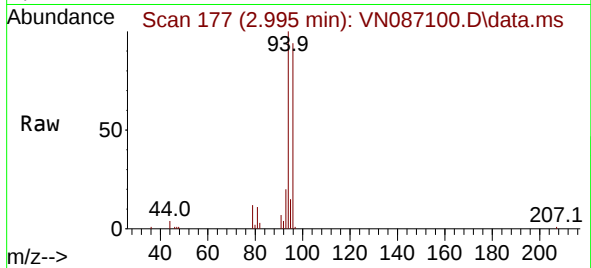
Tgt Ion: 62 Resp: 128030
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5
Bromomethane
Concen: 54.137 ug/l
RT: 2.995 min Scan# 177
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

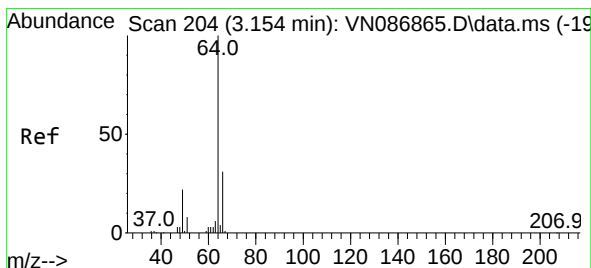
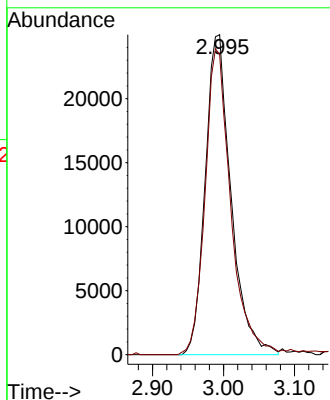
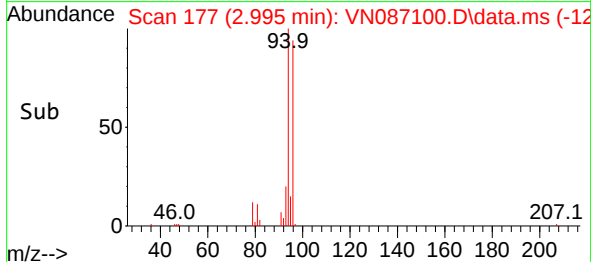
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 63194
Ion Ratio Lower Upper
94 100
96 93.8 77.9 116.9

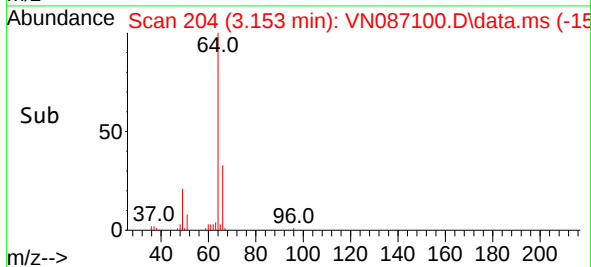
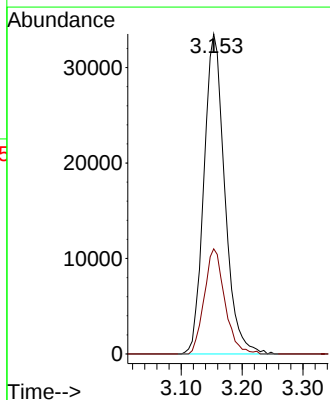
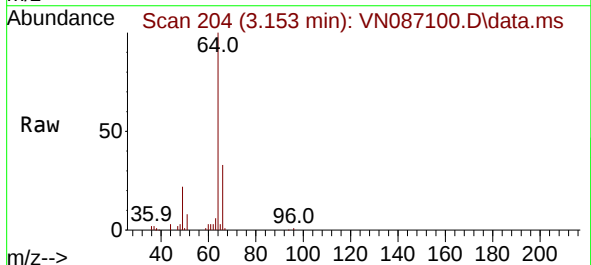
Manual Integrations
APPROVED

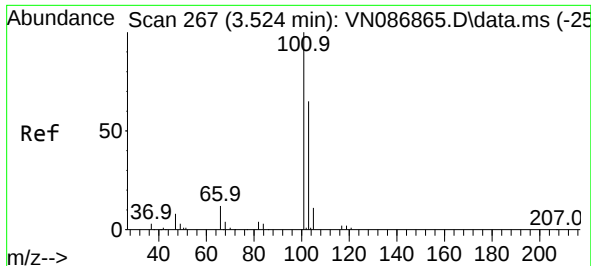
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#6
Chloroethane
Concen: 59.139 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

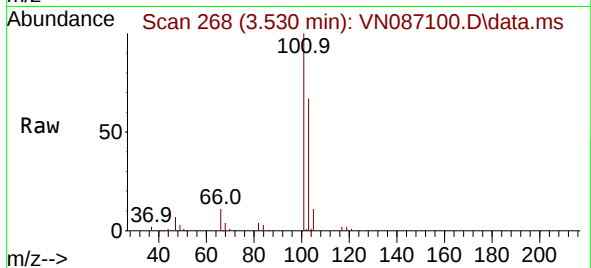
Tgt Ion: 64 Resp: 79682
Ion Ratio Lower Upper
64 100
66 32.8 24.6 36.8





#7
Trichlorofluoromethane
Concen: 58.455 ug/l
RT: 3.530 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

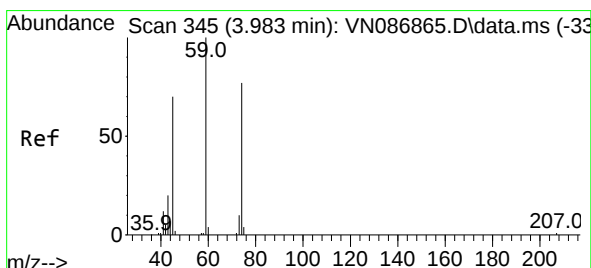
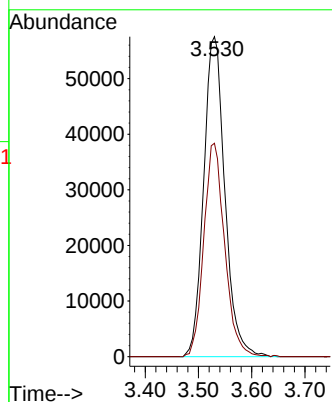
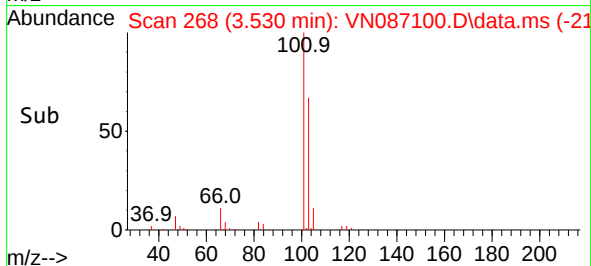
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 101 Resp: 15930
Ion Ratio Lower Upper
101 100
103 66.7 52.2 78.2

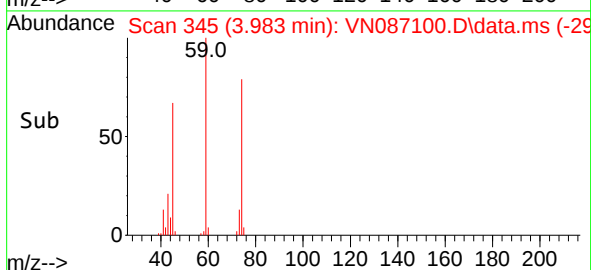
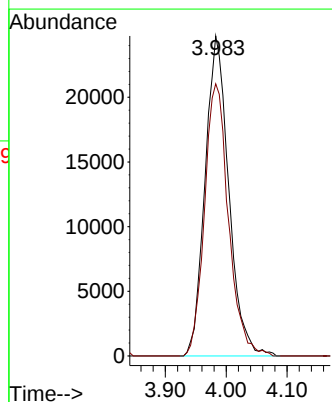
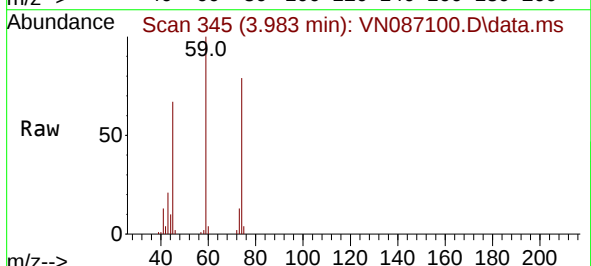
Manual Integrations
APPROVED

Reviewed By : John Carlone 06/20/2025
Supervised By : Mahesh Dadoda 06/21/2025



#8
Diethyl Ether
Concen: 56.344 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Tgt Ion: 74 Resp: 66903
Ion Ratio Lower Upper
74 100
45 86.0 45.5 136.5





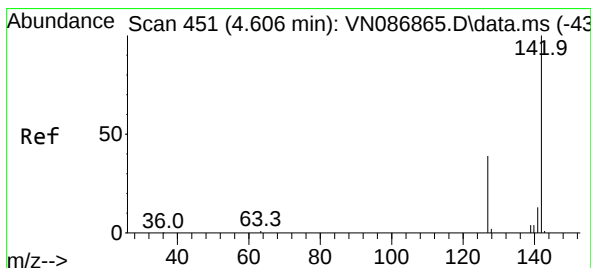
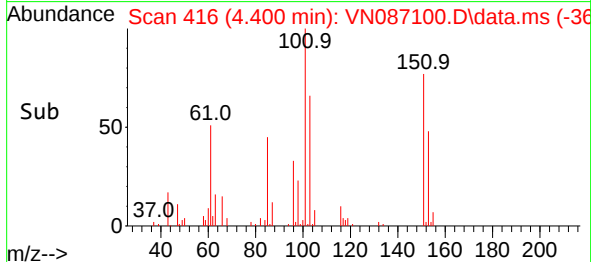
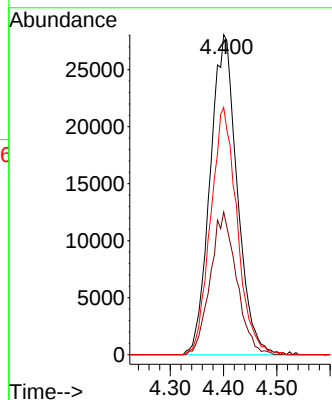
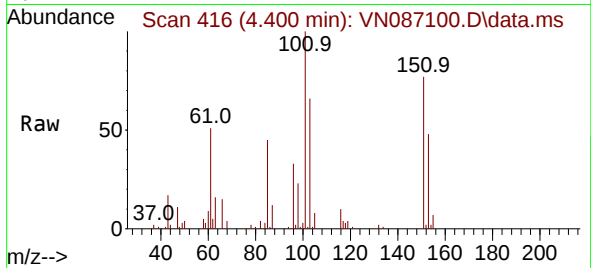
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.825 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 99010
Ion Ratio Lower Upper
101 100
85 43.2 33.8 50.8
151 75.6 58.7 88.1

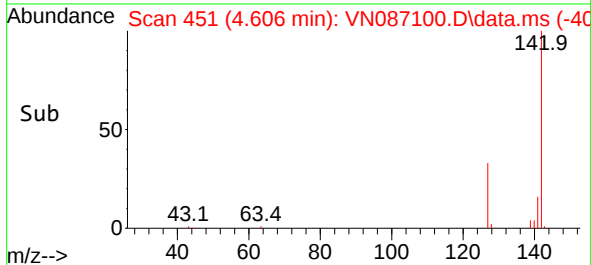
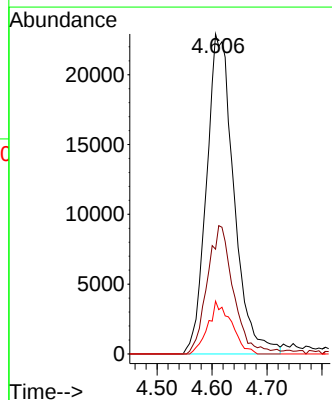
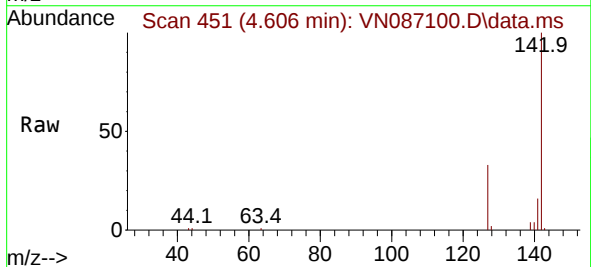
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 35.624 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

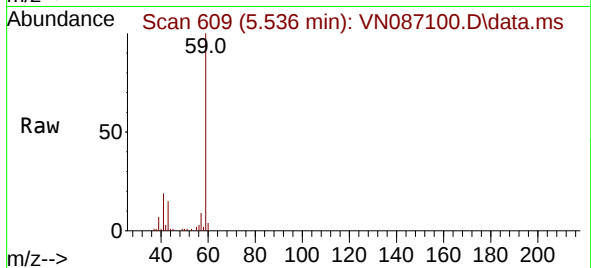
Tgt Ion:142 Resp: 79070
Ion Ratio Lower Upper
142 100
127 32.7 30.9 46.3
141 16.5 10.4 15.6#





#11
Tert butyl alcohol
Concen: 231.693 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

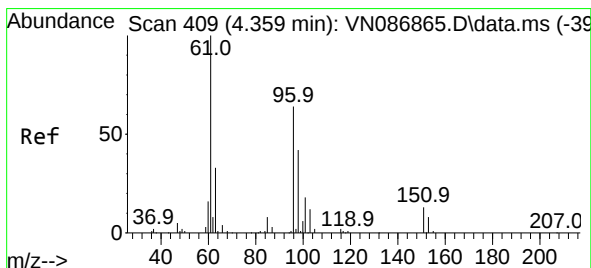
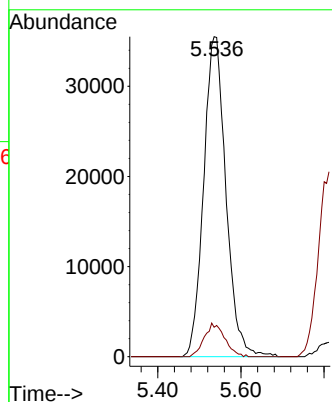
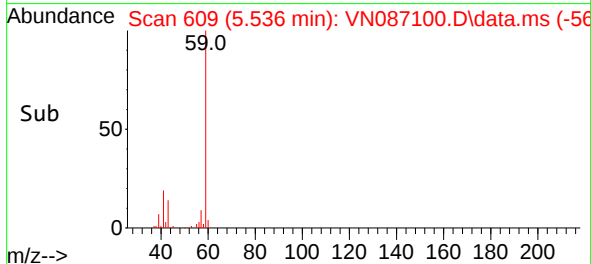
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



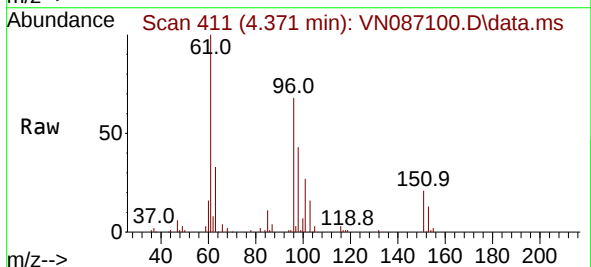
Tgt Ion: 59 Resp: 132190
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1

Manual Integrations
APPROVED

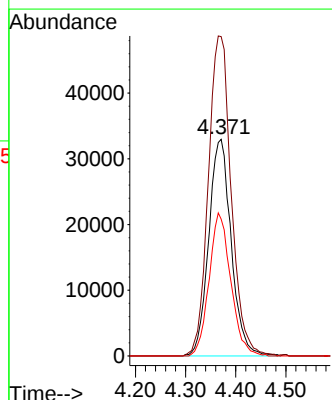
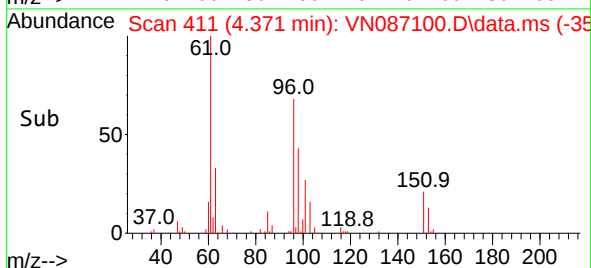
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

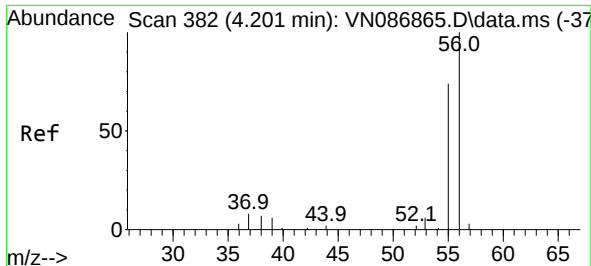


#12
1,1-Dichloroethene
Concen: 58.764 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



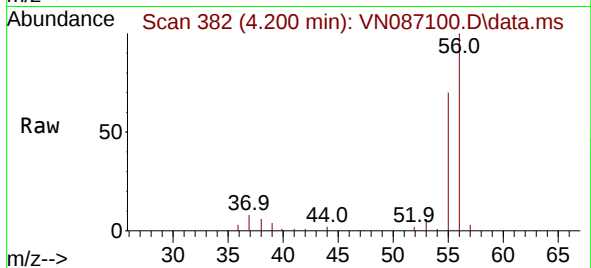
Tgt Ion: 96 Resp: 102722
Ion Ratio Lower Upper
96 100
61 147.4 125.8 188.6
98 63.2 52.5 78.7





#13
Acrolein
Concen: 418.463 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

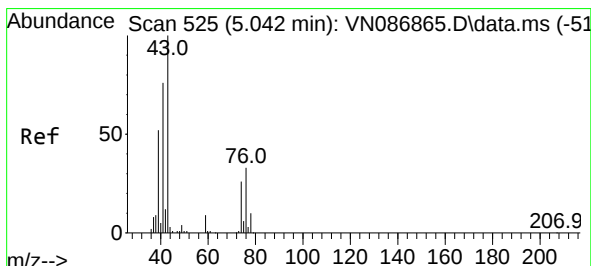
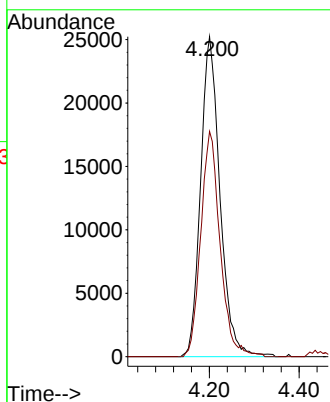
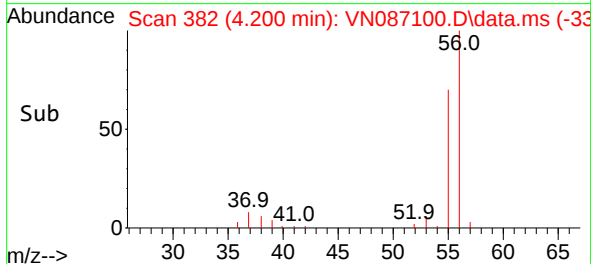
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



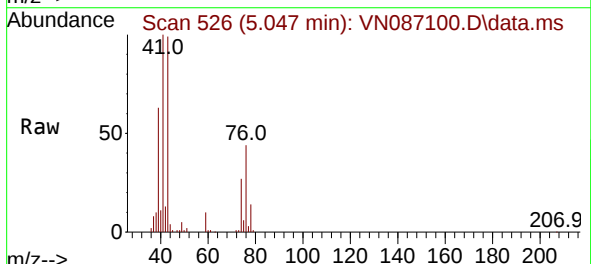
Tgt Ion: 56 Resp: 75570
Ion Ratio Lower Upper
56 100
55 70.1 55.6 83.4

Manual Integrations
APPROVED

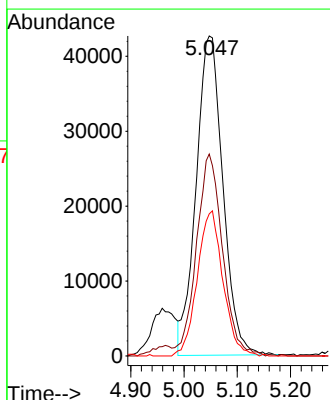
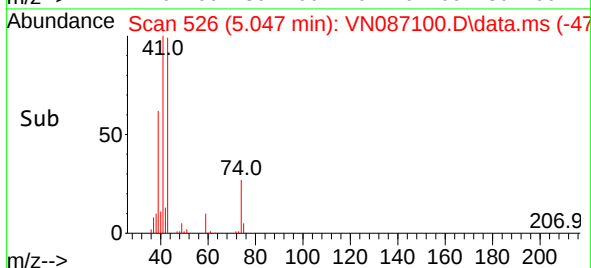
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#14
Allyl chloride
Concen: 51.477 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



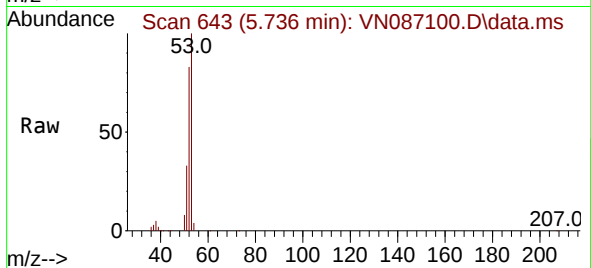
Tgt Ion: 41 Resp: 149234
Ion Ratio Lower Upper
41 100
39 61.6 51.3 76.9
76 43.5 31.4 47.0





#15
Acrylonitrile
Concen: 263.851 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

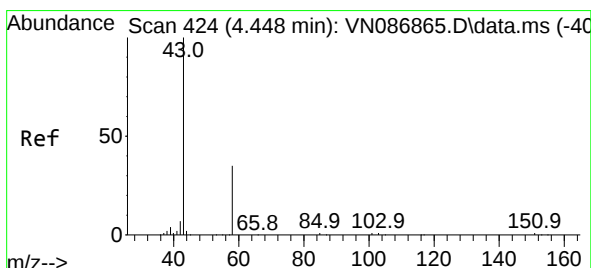
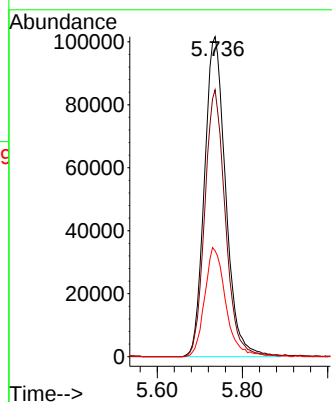
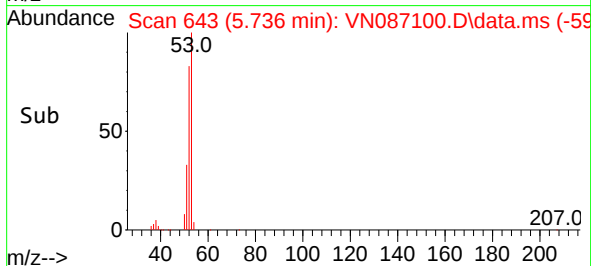
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 351879
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.6
51 34.0 27.2 40.8

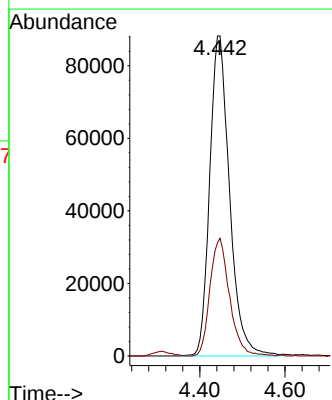
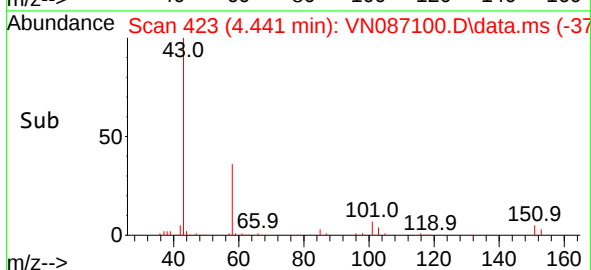
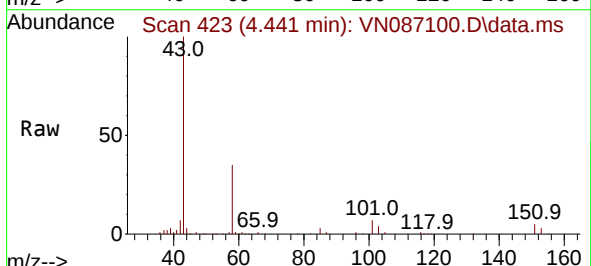
Manual Integrations
APPROVED

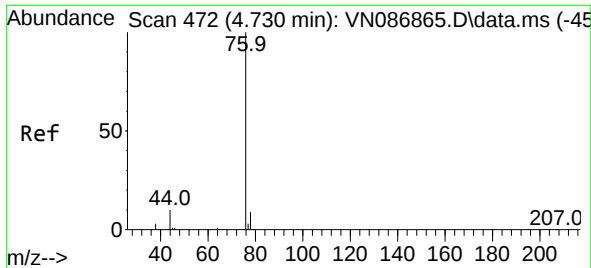
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 255.751 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

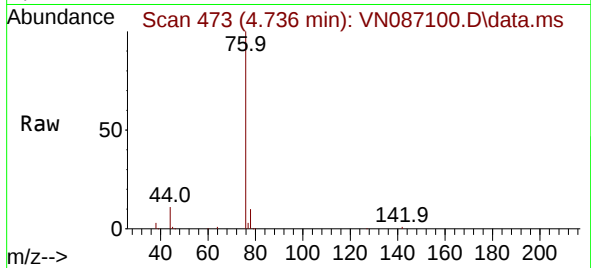
Tgt Ion: 43 Resp: 285191
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0





#17
Carbon Disulfide
Concen: 61.273 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

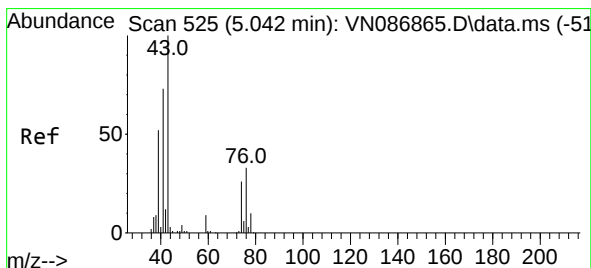
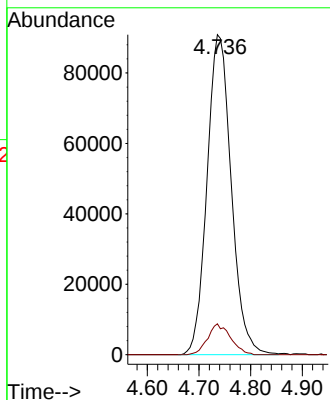
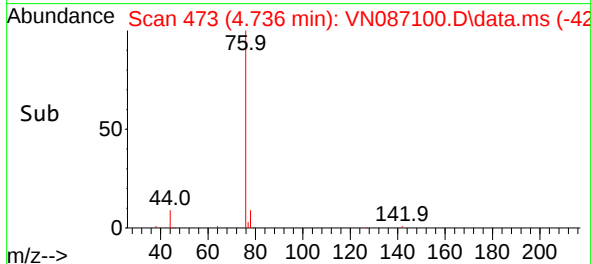
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 29627
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

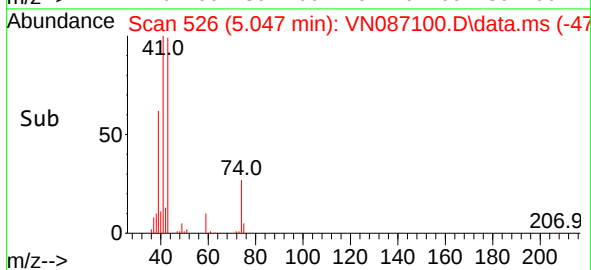
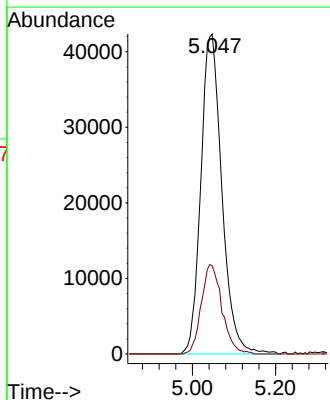
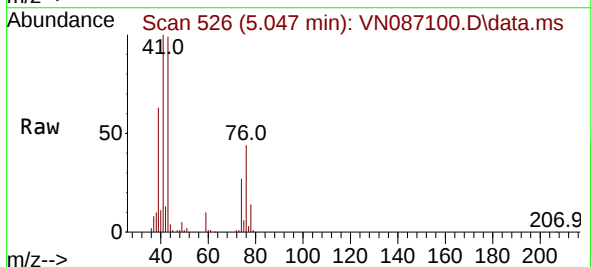
Manual Integrations
APPROVED

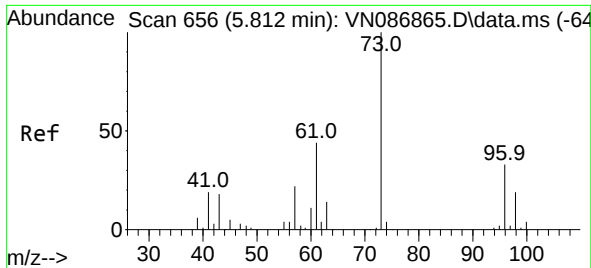
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#18
Methyl Acetate
Concen: 45.799 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Tgt Ion: 43 Resp: 148831
Ion Ratio Lower Upper
43 100
74 27.4 20.7 31.1





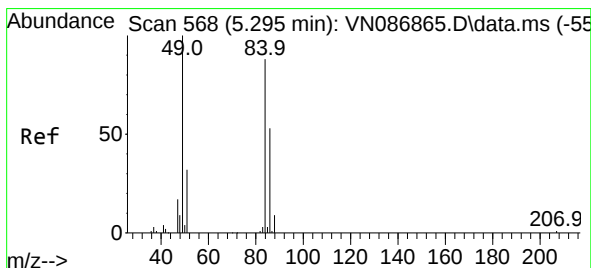
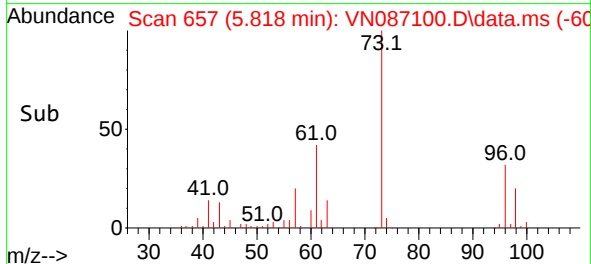
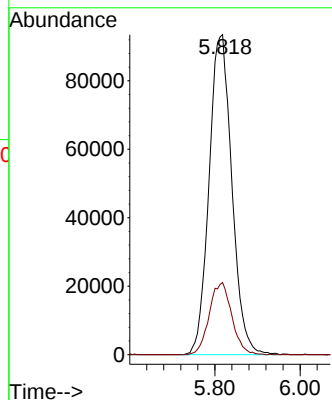
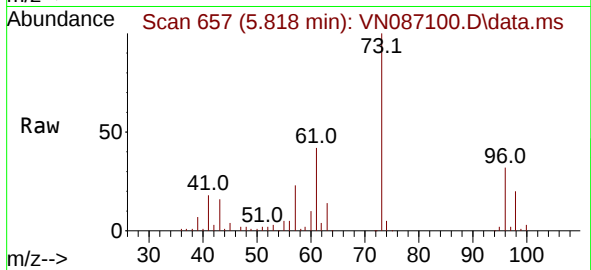
#19
Methyl tert-butyl Ether
Concen: 54.911 ug/l
RT: 5.818 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 347549
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.2

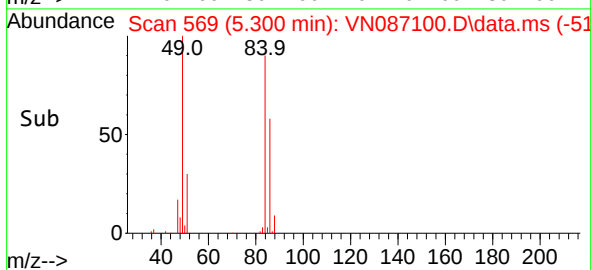
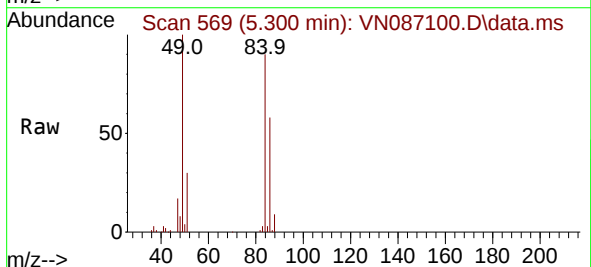
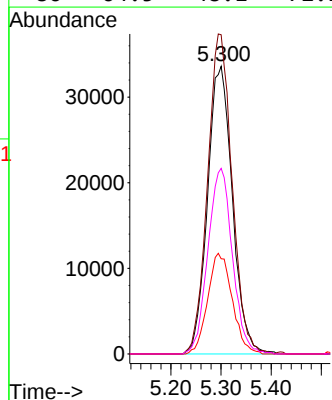
Manual Integrations
APPROVED

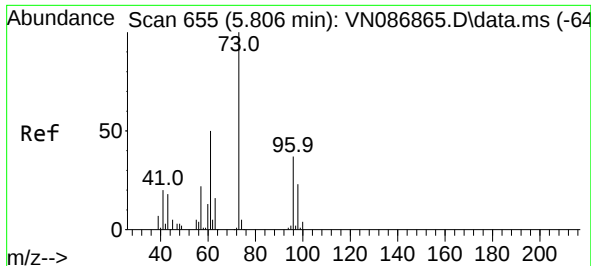
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 55.493 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

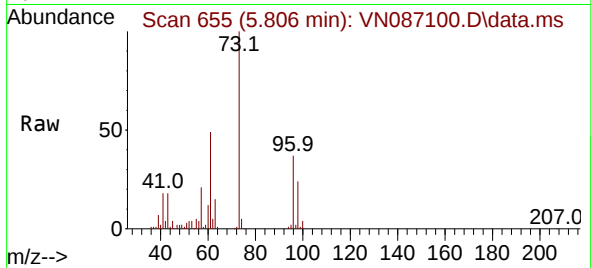
Tgt Ion: 84 Resp: 115852
Ion Ratio Lower Upper
84 100
49 111.0 90.5 135.7
51 33.1 28.5 42.7
86 64.5 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 56.750 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

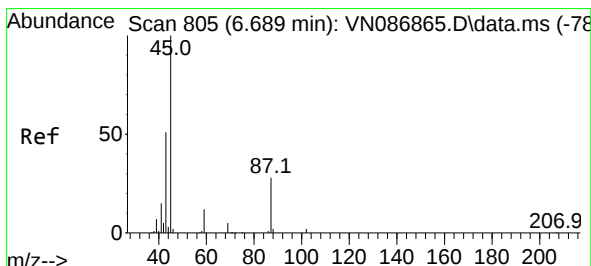
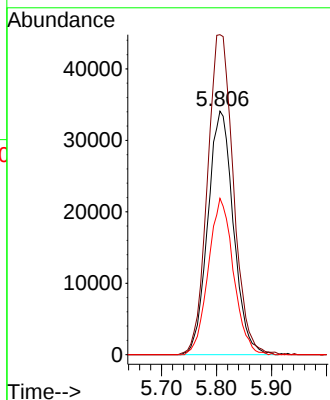
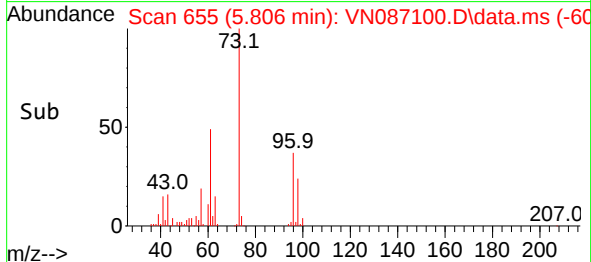
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 11037
Ion Ratio Lower Upper
96 100
61 131.4 109.2 163.8
98 64.2 49.8 74.8

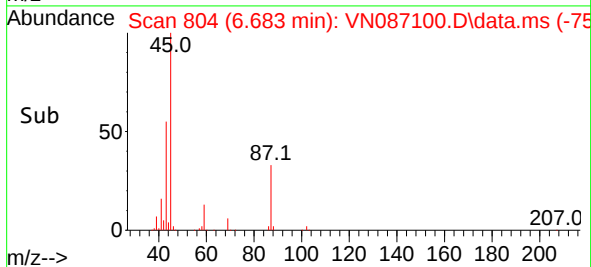
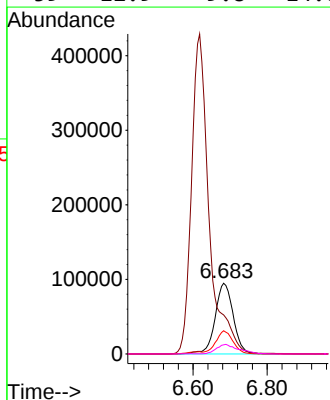
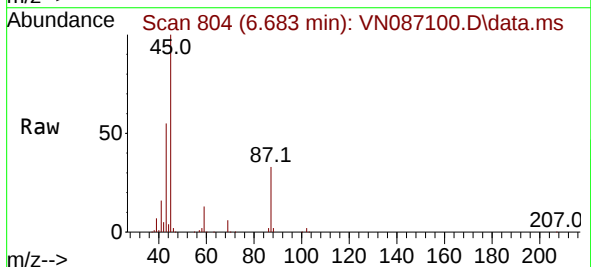
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#22
Diisopropyl ether
Concen: 52.602 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

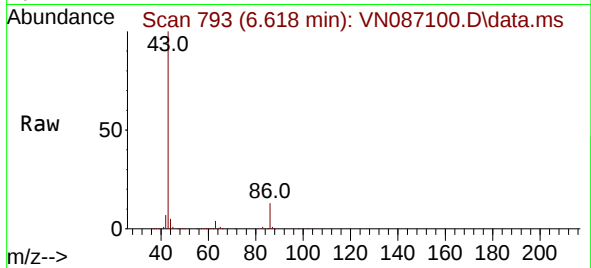
Tgt Ion: 45 Resp: 321446
Ion Ratio Lower Upper
45 100
43 54.5 41.9 62.9
87 32.8 22.4 33.6
59 12.9 9.8 14.6





#23
 Vinyl Acetate
 Concen: 273.362 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087100.D
 Acq: 19 Jun 2025 09:31

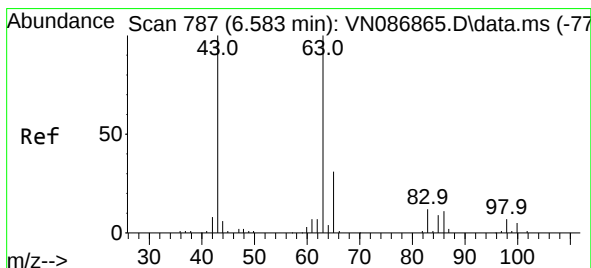
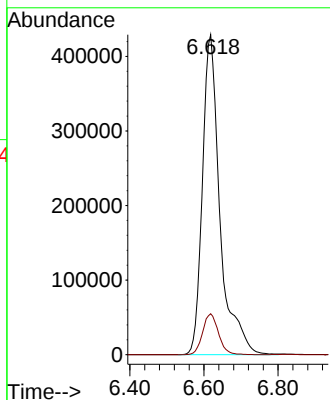
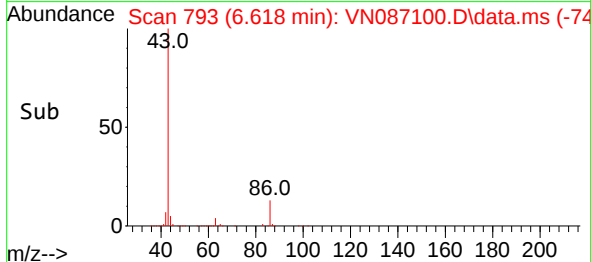
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



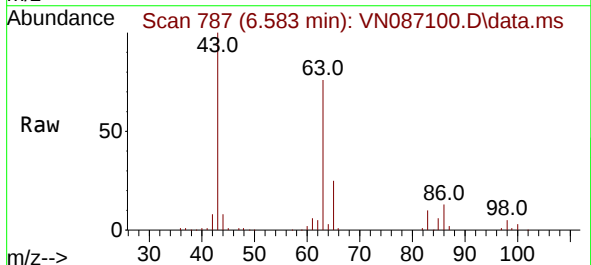
Tgt Ion: 43 Resp: 141138
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.5 14.3

Manual Integrations
 APPROVED

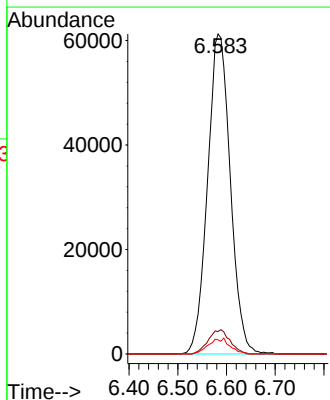
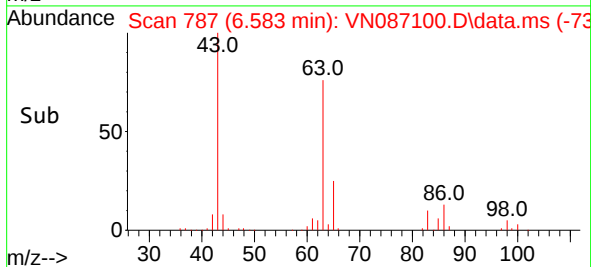
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#24
 1,1-Dichloroethane
 Concen: 56.526 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087100.D
 Acq: 19 Jun 2025 09:31



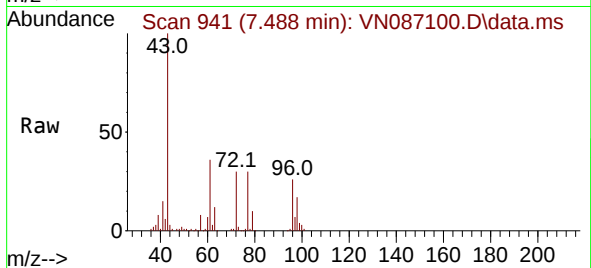
Tgt Ion: 63 Resp: 198785
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.4 2.6 7.8





#25
2-Butanone
Concen: 243.615 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

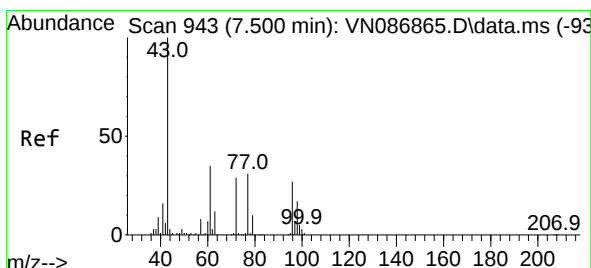
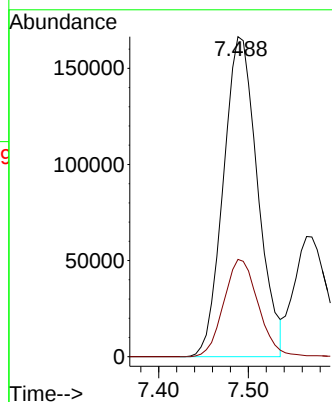
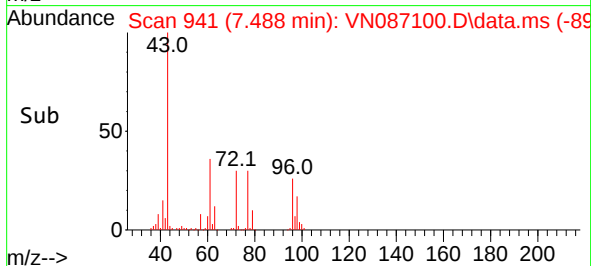
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 441572
Ion Ratio Lower Upper
43 100
72 30.4 23.0 34.6

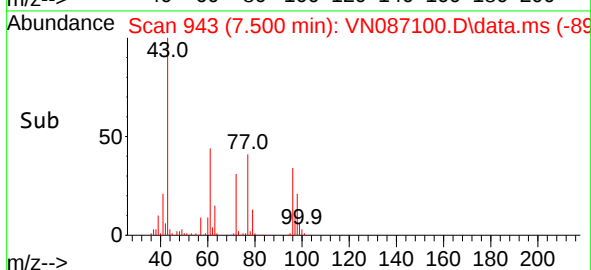
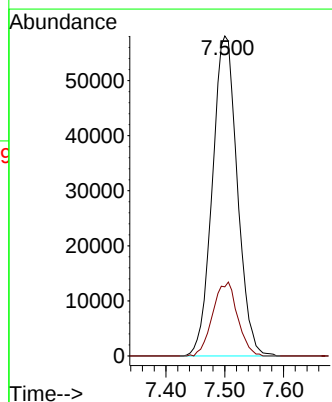
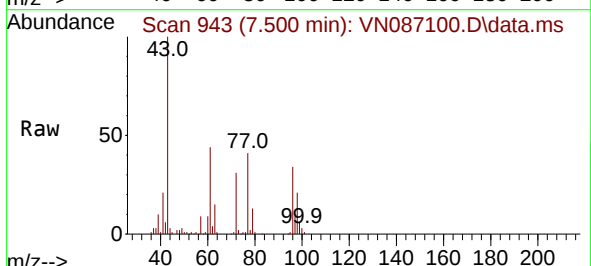
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#26
2,2-Dichloropropane
Concen: 62.543 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Tgt Ion: 77 Resp: 171090
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 56.366 ug/l

RT: 7.500 min Scan# 943

Delta R.T. -0.000 min

Lab File: VN087100.D

Acq: 19 Jun 2025 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 13110

Ion Ratio Lower Upper

96 100

61 137.1 0.0 278.0

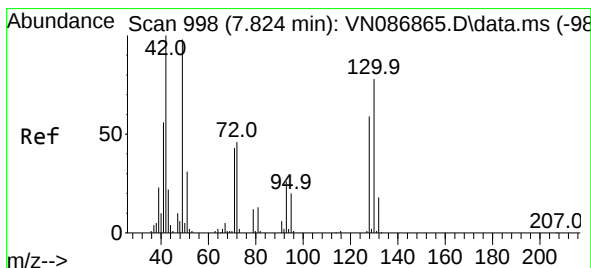
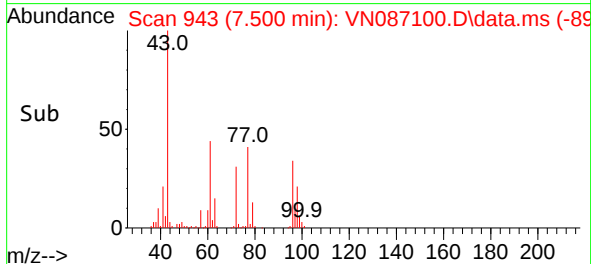
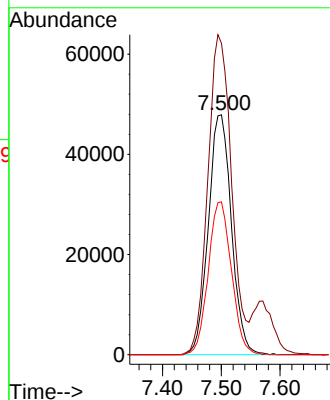
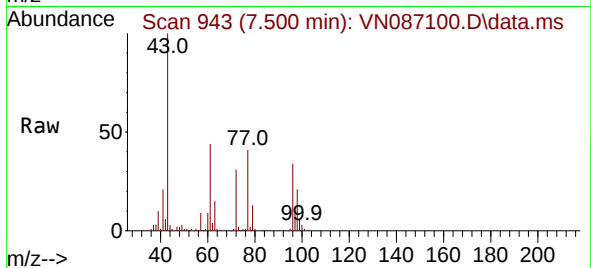
98 63.8 0.0 128.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#28

Bromochloromethane

Concen: 46.941 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087100.D

Acq: 19 Jun 2025 09:31

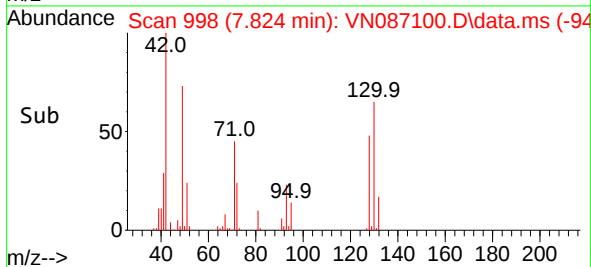
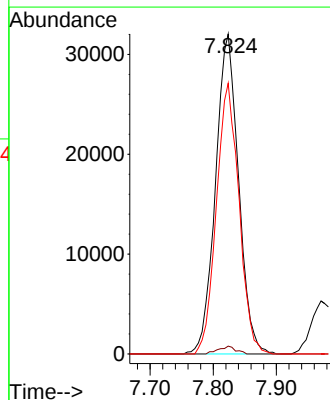
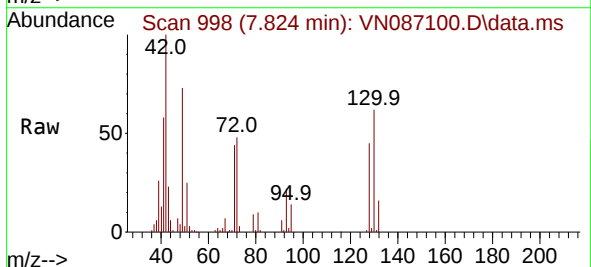
Tgt Ion: 49 Resp: 81165

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 82.9 62.2 93.2





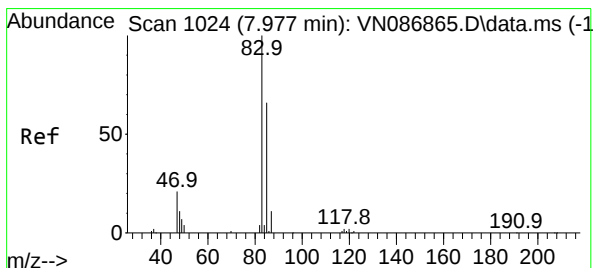
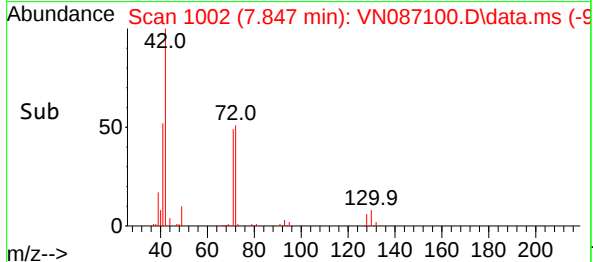
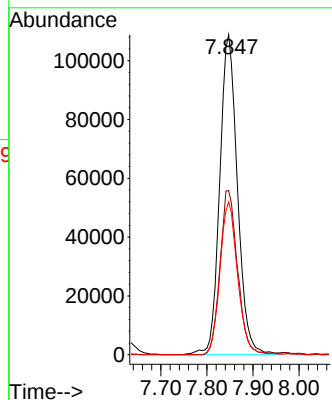
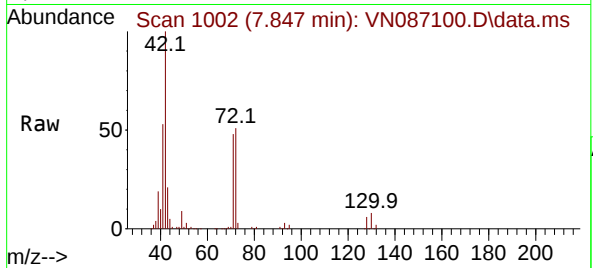
#29
Tetrahydrofuran
Concen: 245.546 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 28993
Ion Ratio Lower Upper
42 100
72 50.7 37.8 56.6
71 47.5 35.6 53.4

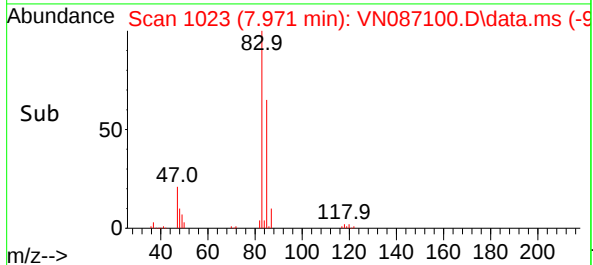
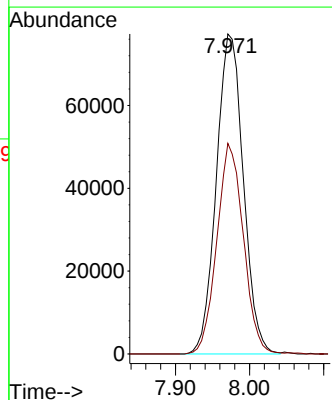
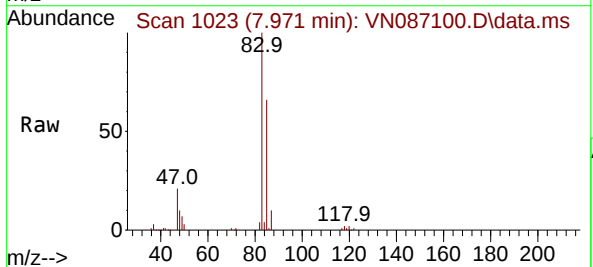
Manual Integrations
APPROVED

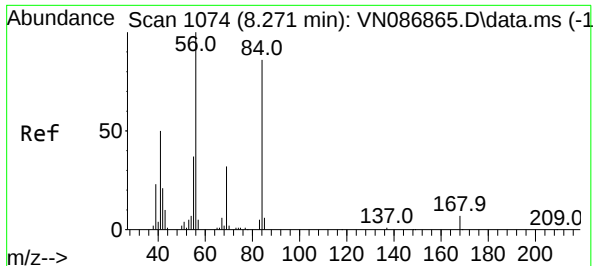
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#30
Chloroform
Concen: 55.695 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

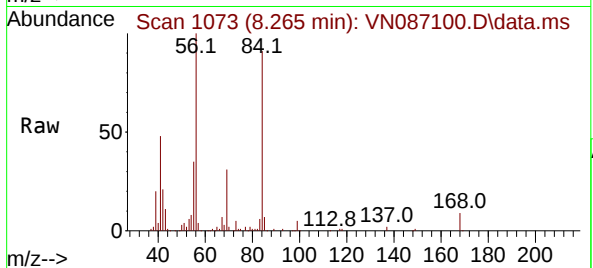
Tgt Ion: 83 Resp: 195599
Ion Ratio Lower Upper
83 100
85 65.8 52.9 79.3





#31
Cyclohexane
Concen: 51.646 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

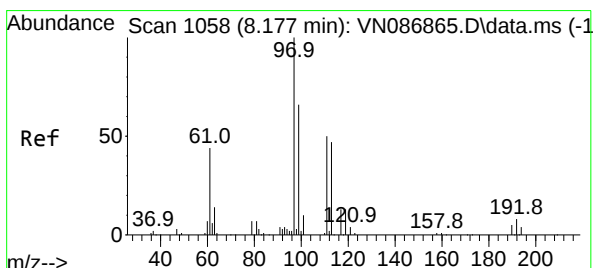
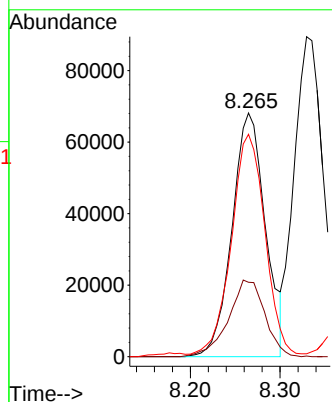
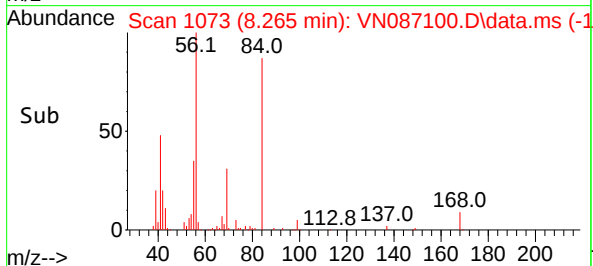
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



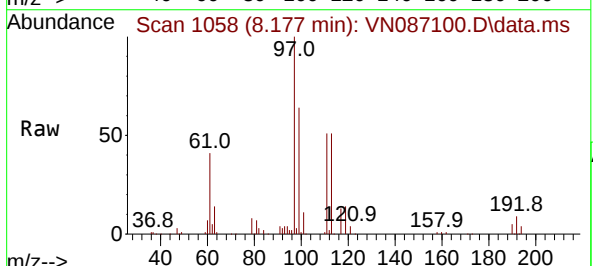
Tgt Ion: 56 Resp: 176130
Ion Ratio Lower Upper
56 100
69 30.5 25.4 38.0
84 90.0 68.8 103.2

Manual Integrations
APPROVED

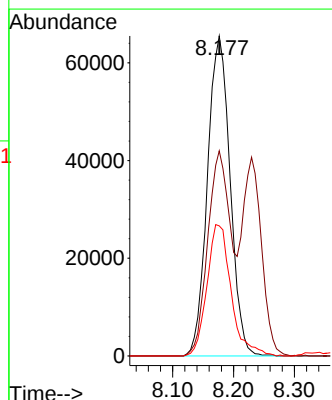
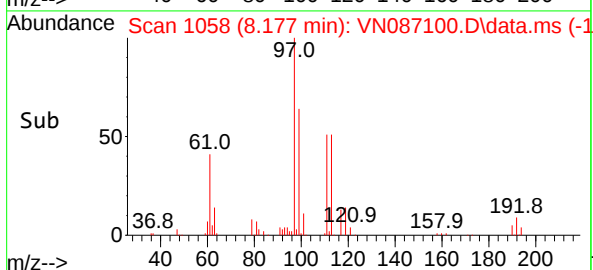
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

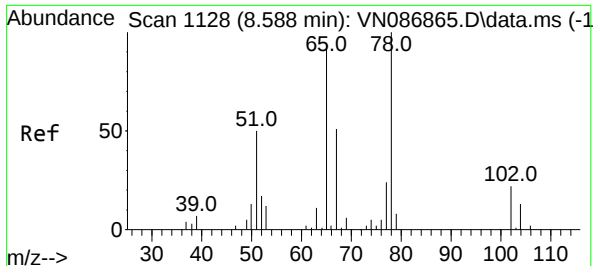


#32
1,1,1-Trichloroethane
Concen: 56.618 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



Tgt Ion: 97 Resp: 169121
Ion Ratio Lower Upper
97 100
99 66.1 52.0 78.0
61 43.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 45.107 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087100.D

Acq: 19 Jun 2025 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 94849

Ion Ratio Lower Upper

65 100

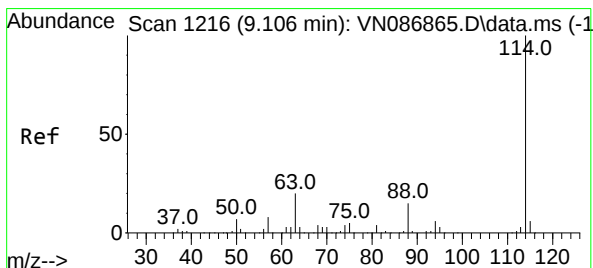
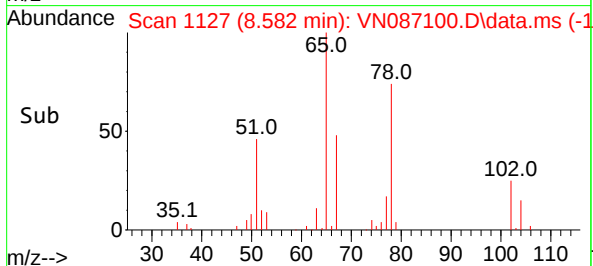
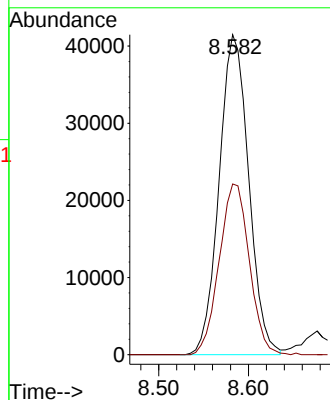
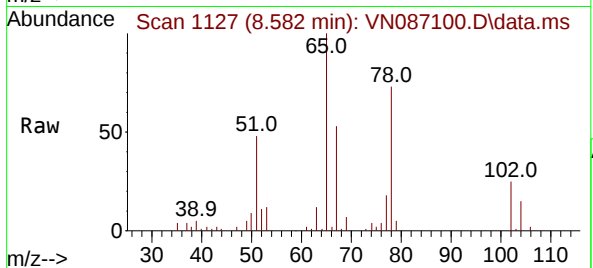
67 54.3 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087100.D

Acq: 19 Jun 2025 09:31

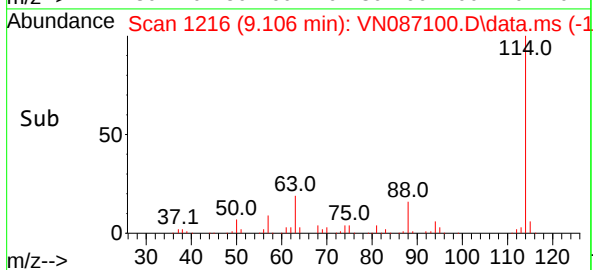
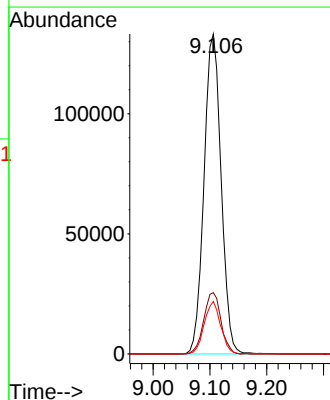
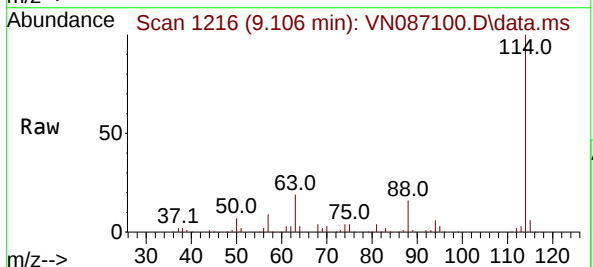
Tgt Ion:114 Resp: 278046

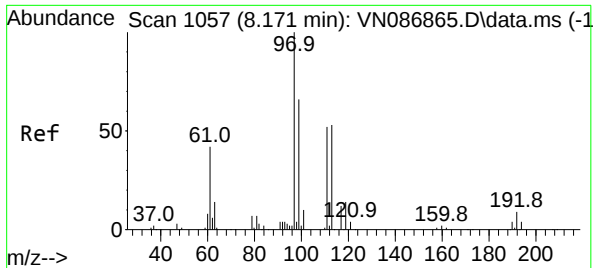
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

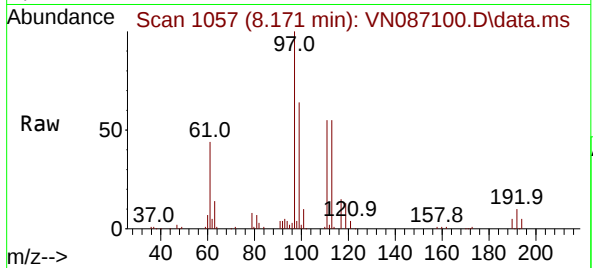
88 16.4 0.0 30.2





#35
Dibromofluoromethane
Concen: 49.979 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

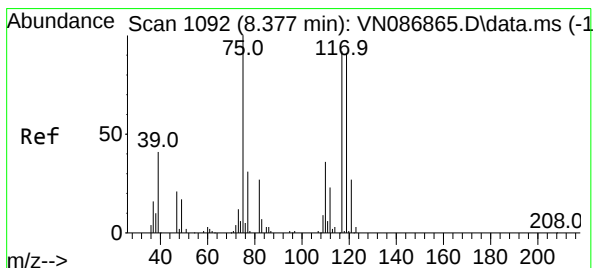
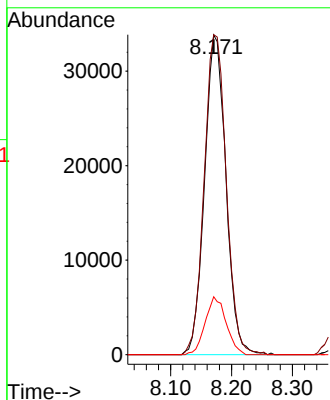
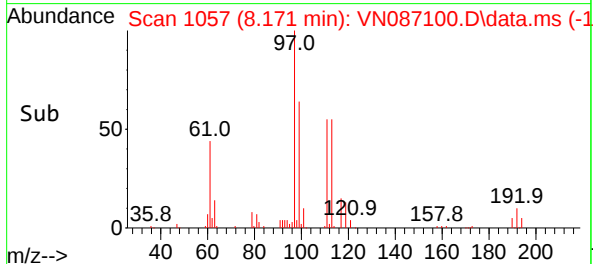
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



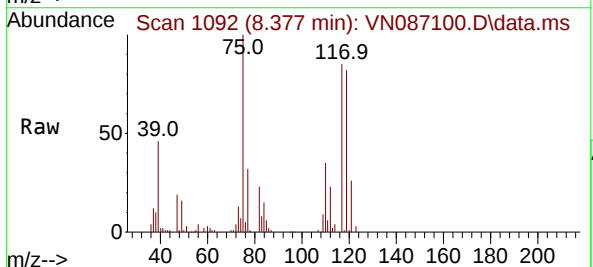
Tgt Ion: 113 Resp: 82354
Ion Ratio Lower Upper
113 100
111 103.4 84.2 126.2
192 17.8 14.2 21.4

Manual Integrations
APPROVED

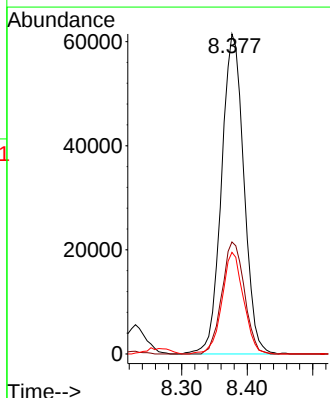
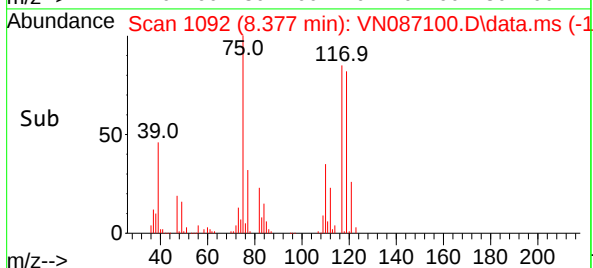
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#36
1,1-Dichloropropene
Concen: 59.187 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



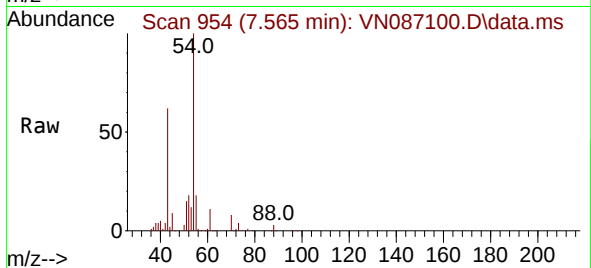
Tgt Ion: 75 Resp: 145323
Ion Ratio Lower Upper
75 100
110 35.1 17.6 52.9
77 30.6 25.3 37.9





#37
Ethyl Acetate
Concen: 52.938 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

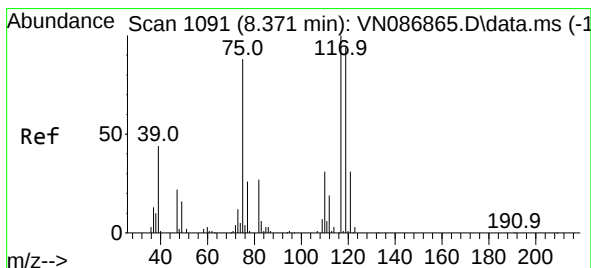
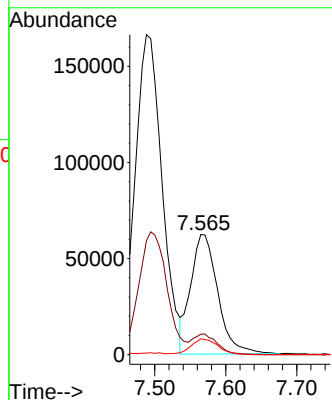
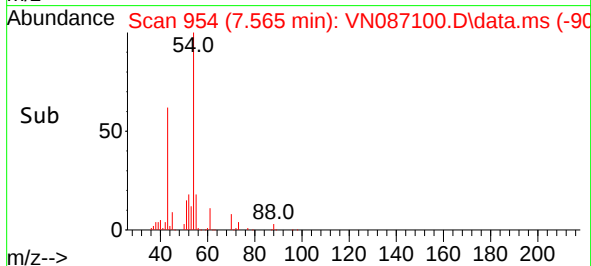
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 165460
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 13.3 9.8 14.6

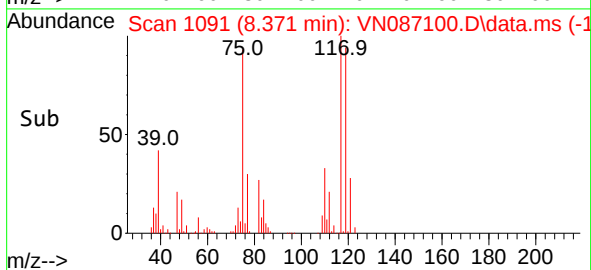
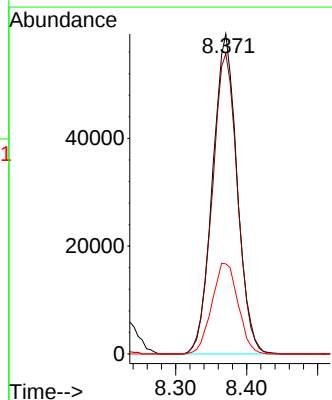
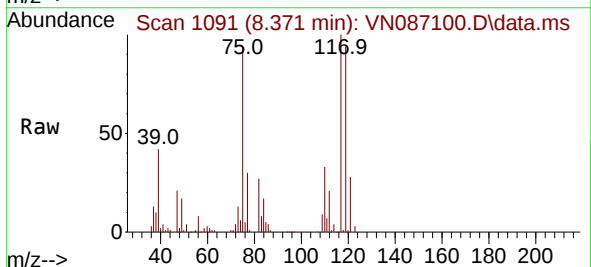
Manual Integrations
APPROVED

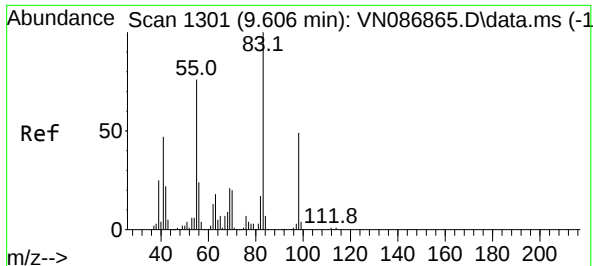
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38
Carbon Tetrachloride
Concen: 59.026 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

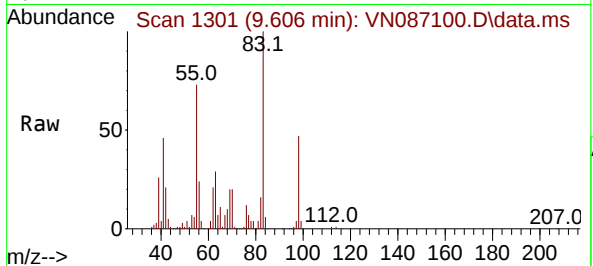
Tgt Ion:117 Resp: 142286
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 28.2 24.9 37.3





#39
Methylcyclohexane
Concen: 49.607 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

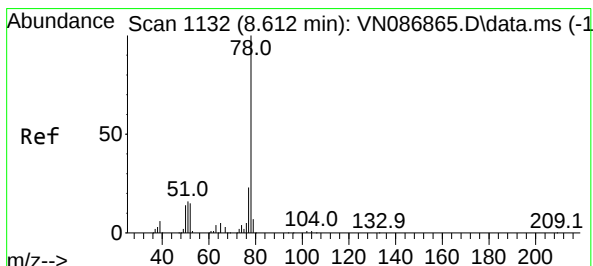
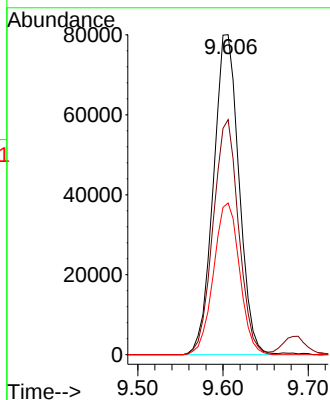
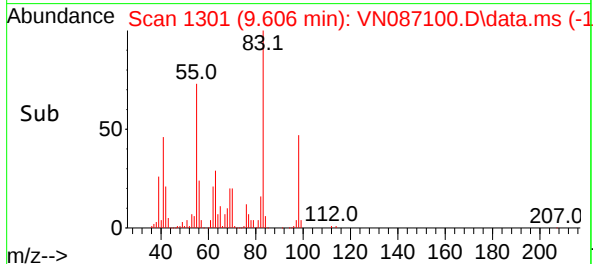
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 166872
Ion Ratio Lower Upper
83 100
55 73.5 61.0 91.6
98 47.4 38.9 58.3

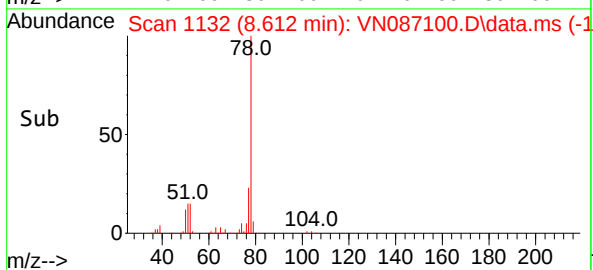
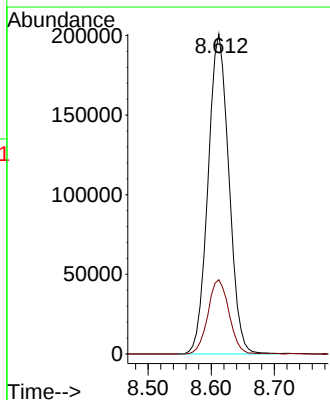
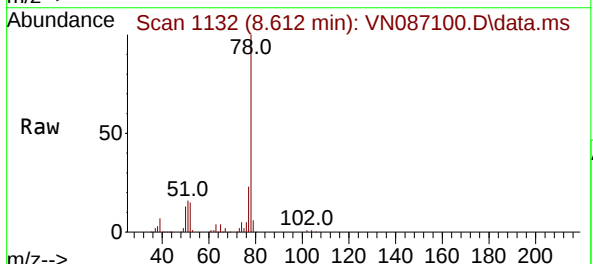
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#40
Benzene
Concen: 57.353 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

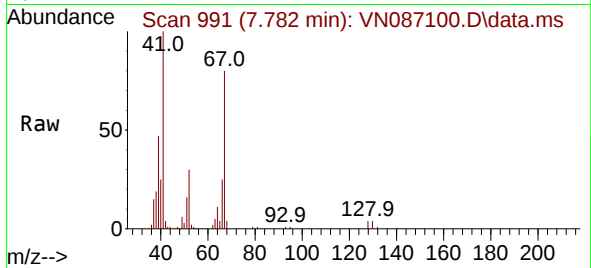
Tgt Ion: 78 Resp: 460485
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1





#41
Methacrylonitrile
Concen: 51.098 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

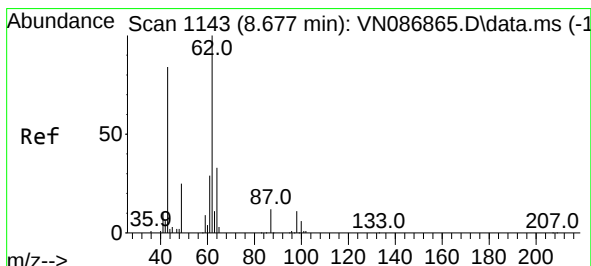
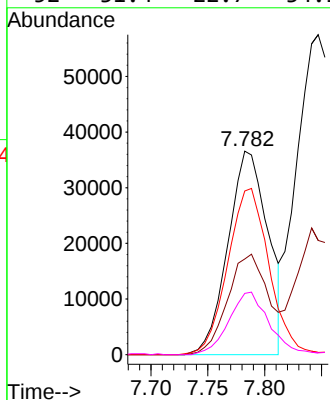
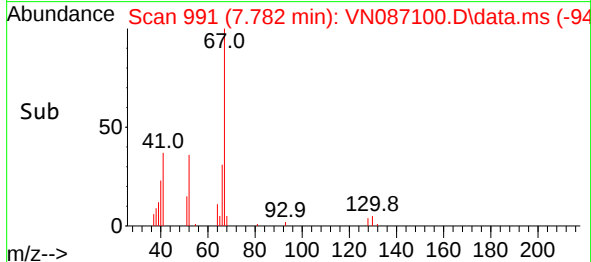
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	89690
Ion Ratio	100	Lower	Upper
39	49.6	41.2	61.8
67	85.1	61.4	92.2
52	31.4	22.7	34.1

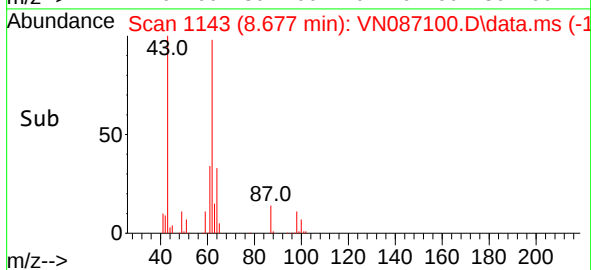
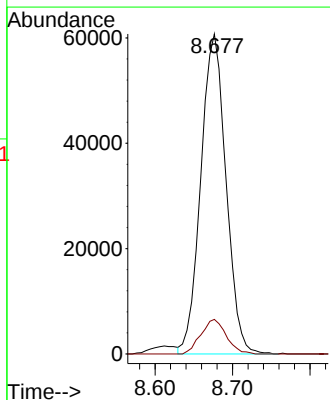
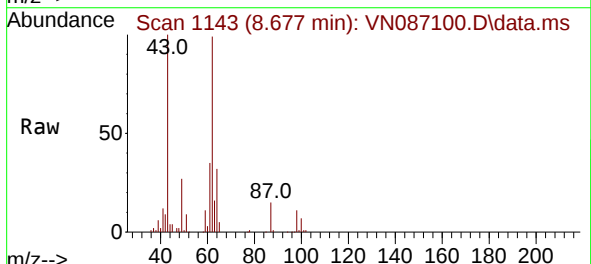
Manual Integrations
APPROVED

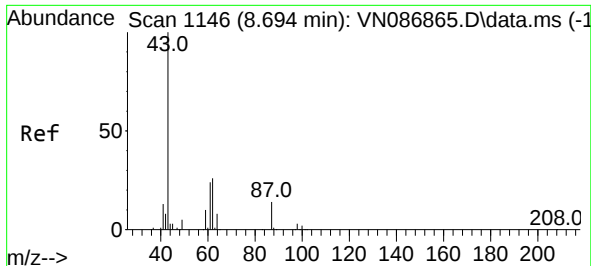
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 56.372 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

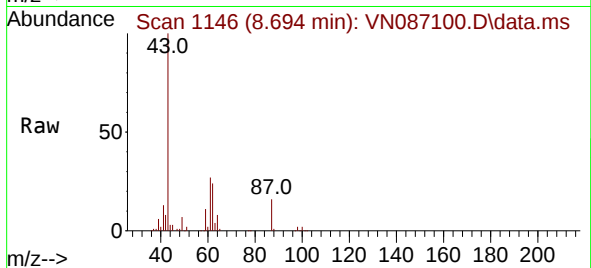
Tgt Ion:	62	Resp:	137283
Ion Ratio	100	Lower	Upper
98	10.8	0.0	21.2





#43
Isopropyl Acetate
Concen: 50.874 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

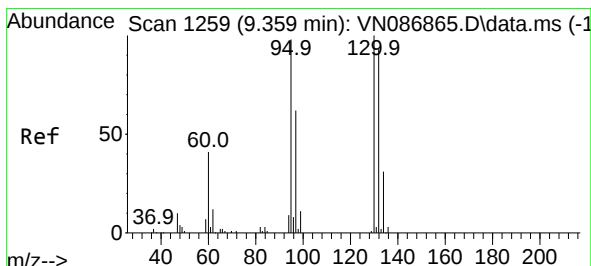
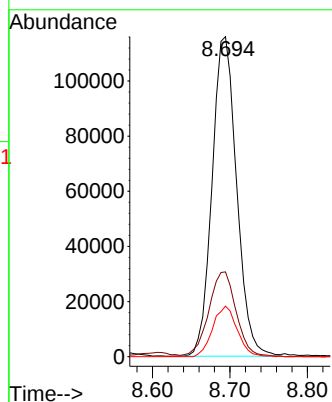
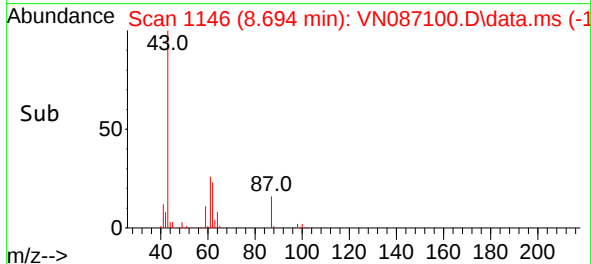
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 255218
Ion Ratio Lower Upper
43 100
61 29.7 22.1 33.1
87 15.8 11.8 17.6

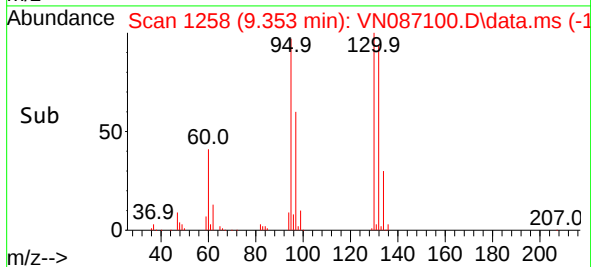
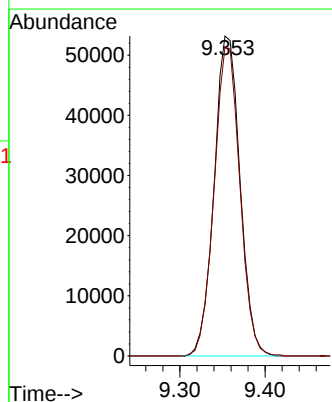
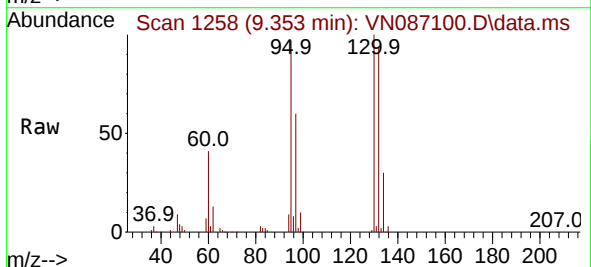
Manual Integrations
APPROVED

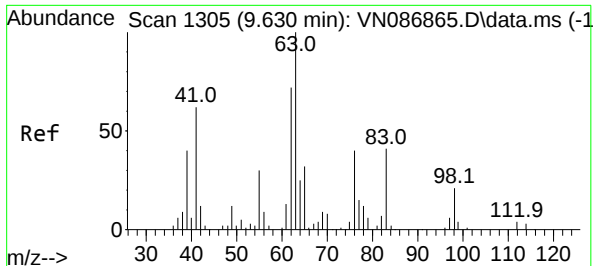
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#44
Trichloroethene
Concen: 58.955 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Tgt Ion:130 Resp: 112240
Ion Ratio Lower Upper
130 100
95 96.6 0.0 196.2





#45

1,2-Dichloropropane

Concen: 57.050 ug/l

RT: 9.624 min Scan# 111438

Delta R.T. -0.006 min

Lab File: VN087100.D

Acq: 19 Jun 2025 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 111438

Ion Ratio Lower Upper

63 100

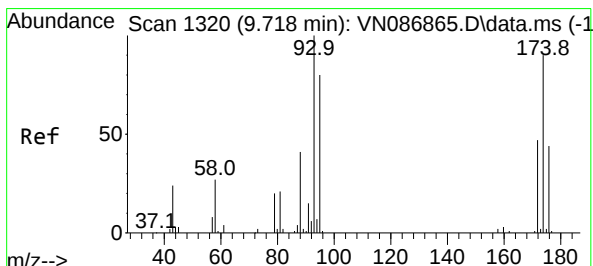
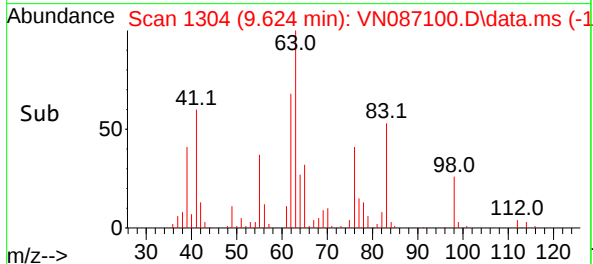
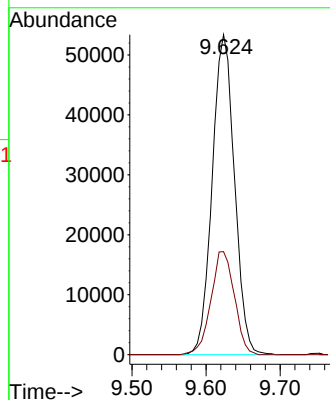
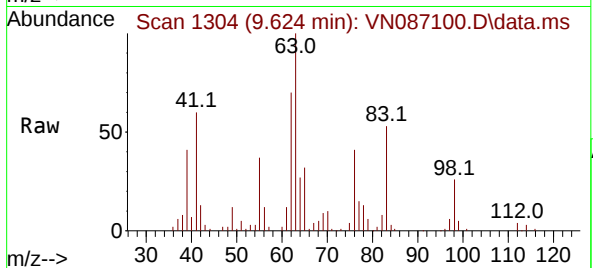
65 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#46

Dibromomethane

Concen: 59.155 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087100.D

Acq: 19 Jun 2025 09:31

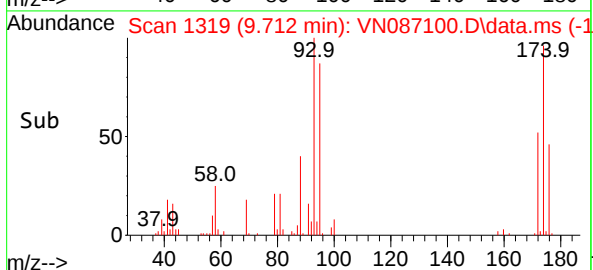
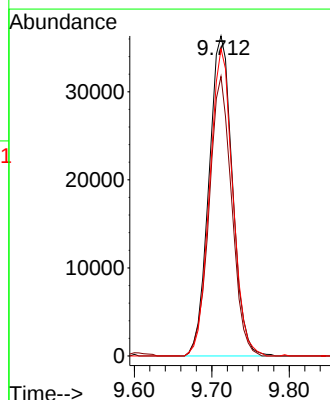
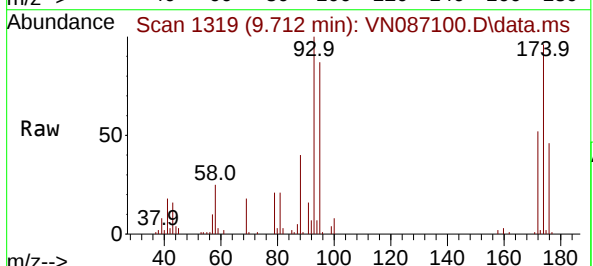
Tgt Ion: 93 Resp: 76751

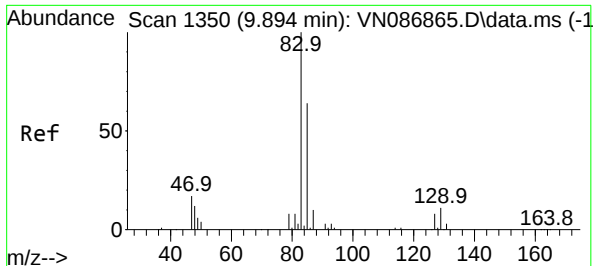
Ion Ratio Lower Upper

93 100

95 83.6 67.1 100.7

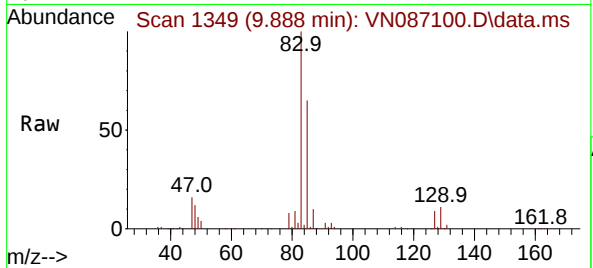
174 93.9 74.2 111.4





#47
Bromodichloromethane
Concen: 57.289 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

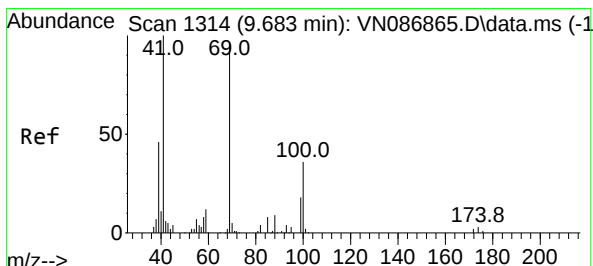
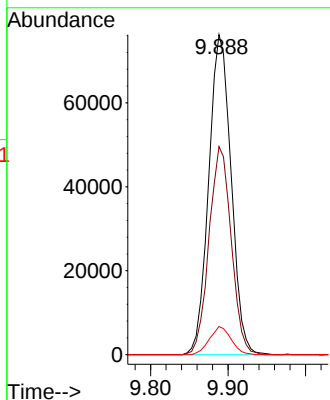
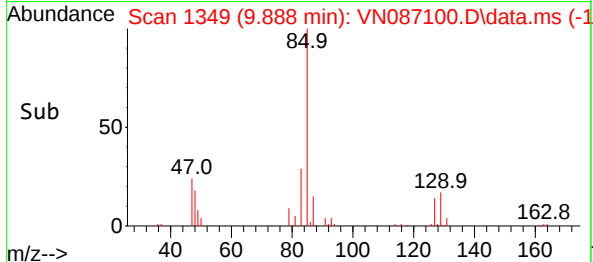
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



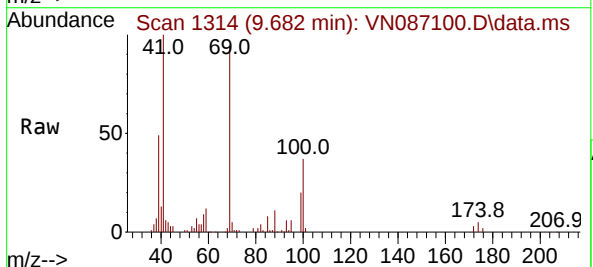
Tgt Ion: 83 Resp: 15293
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3
127 8.8 6.6 10.0

Manual Integrations
APPROVED

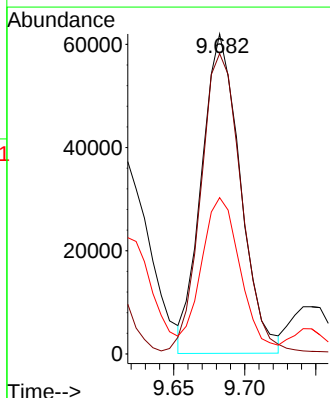
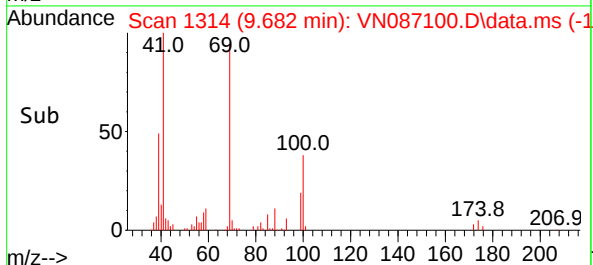
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

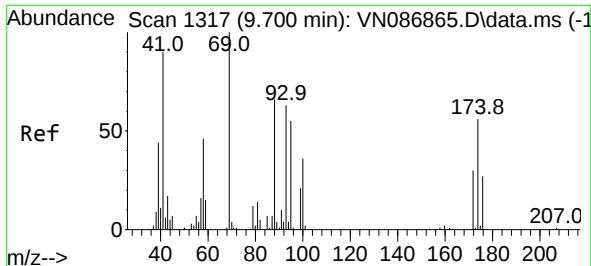


#48
Methyl methacrylate
Concen: 50.770 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



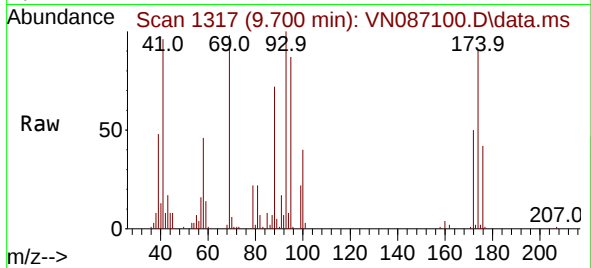
Tgt Ion: 41 Resp: 117229
Ion Ratio Lower Upper
41 100
69 99.7 74.6 112.0
39 49.8 40.2 60.4





#49
1,4-Dioxane
Concen: 1044.593 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

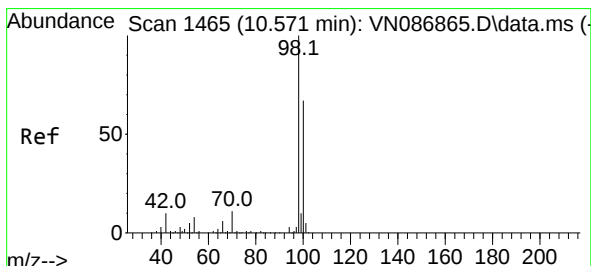
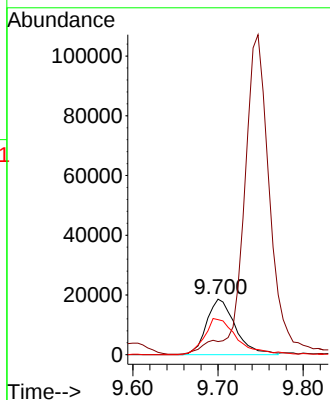
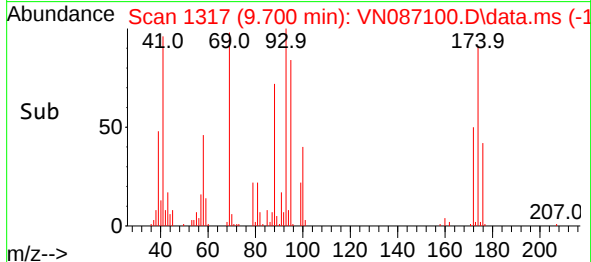
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 43879
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.0 57.7 86.5

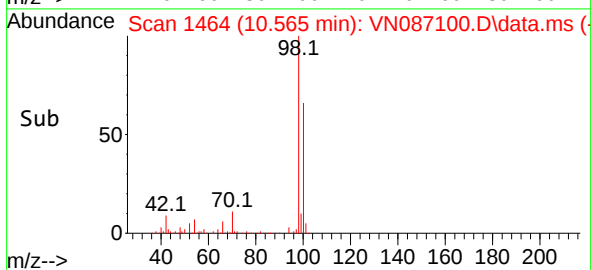
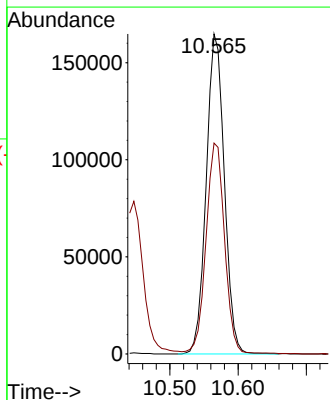
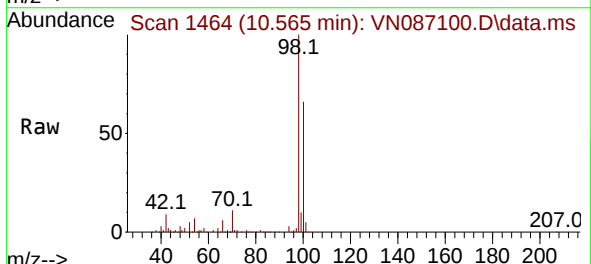
Manual Integrations
APPROVED

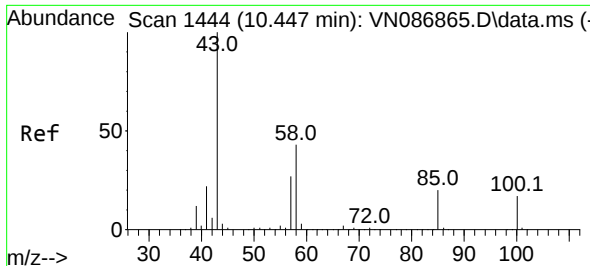
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#50
Toluene-d8
Concen: 46.633 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

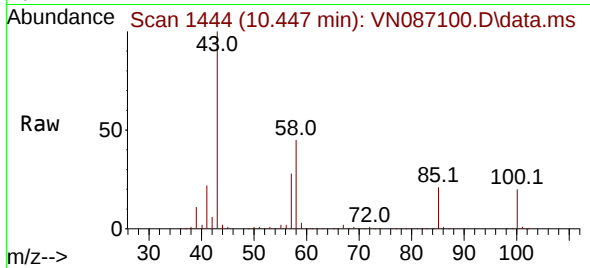
Tgt Ion: 98 Resp: 304189
Ion Ratio Lower Upper
98 100
100 68.0 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 266.633 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

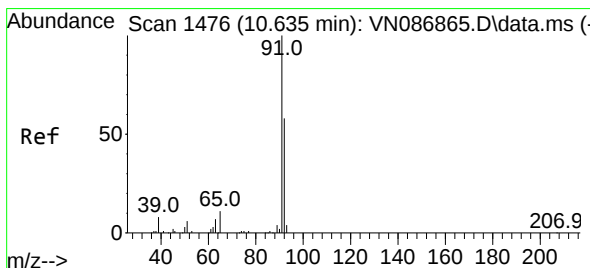
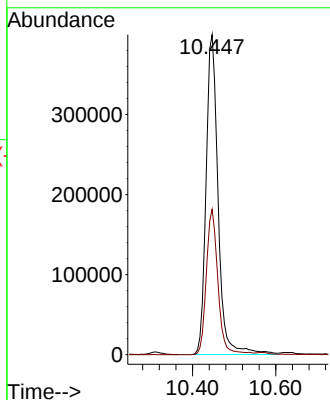
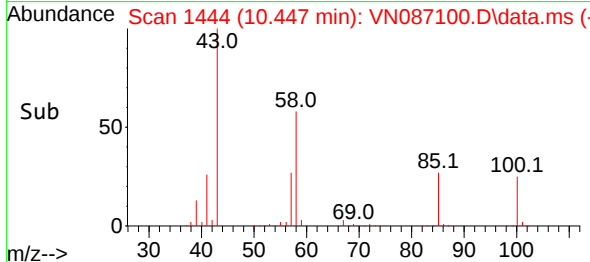
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



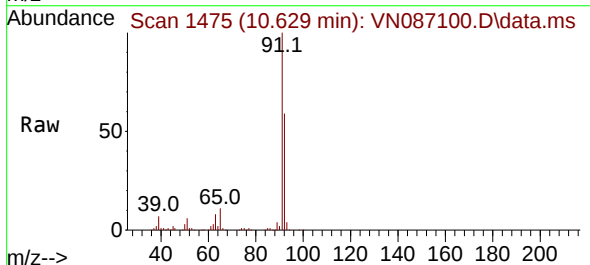
Tgt Ion: 43 Resp: 80525
Ion Ratio Lower Upper
43 100
58 44.0 34.2 51.4

Manual Integrations
APPROVED

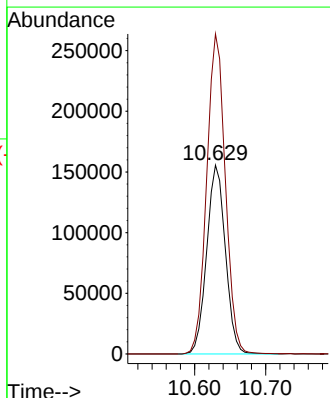
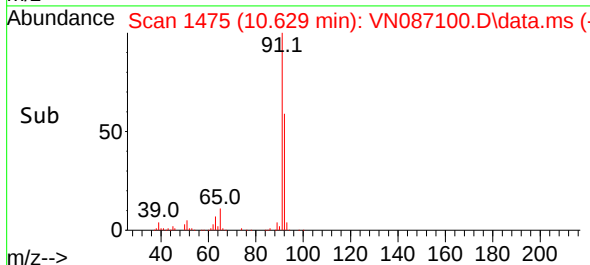
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

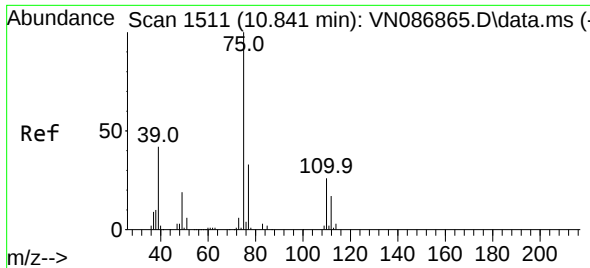


#52
Toluene
Concen: 57.958 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



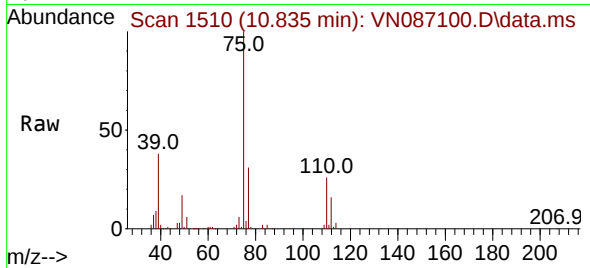
Tgt Ion: 92 Resp: 284384
Ion Ratio Lower Upper
92 100
91 169.3 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 58.623 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

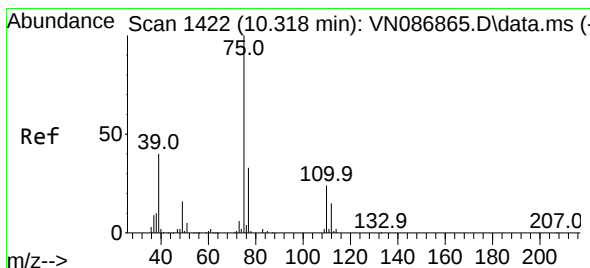
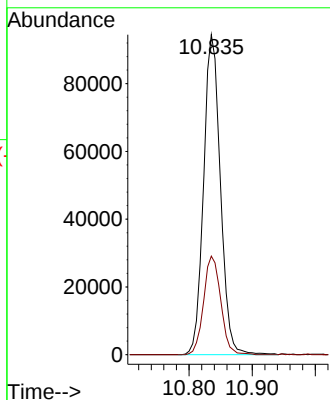
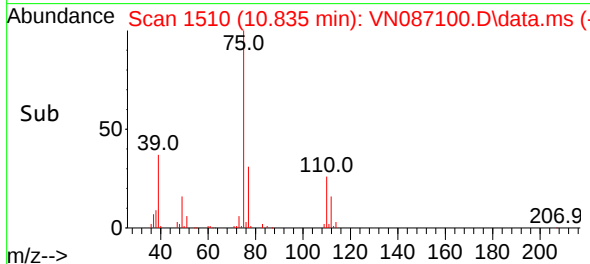
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 174988
Ion Ratio Lower Upper
75 100
77 30.8 26.4 39.6

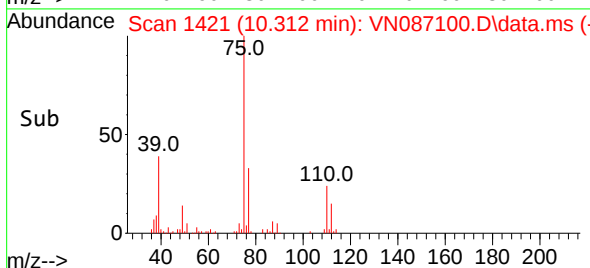
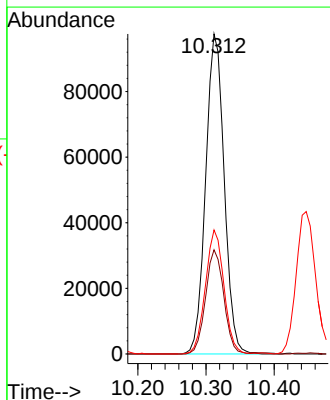
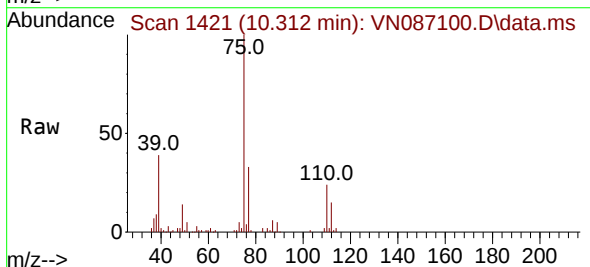
Manual Integrations
APPROVED

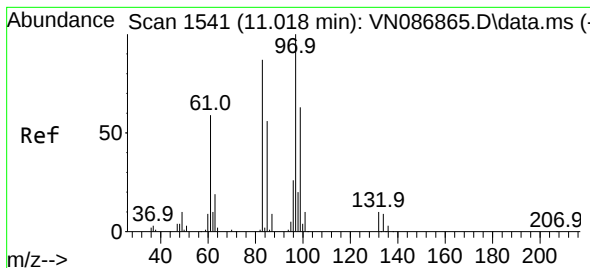
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#54
cis-1,3-Dichloropropene
Concen: 57.936 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

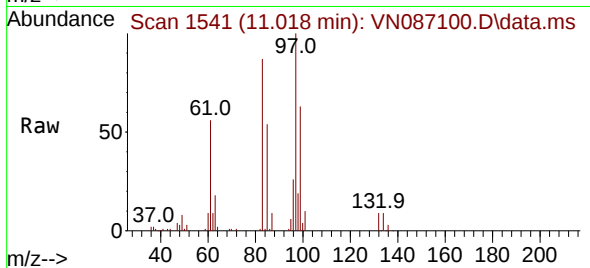
Tgt Ion: 75 Resp: 185041
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
39 38.7 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 57.171 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

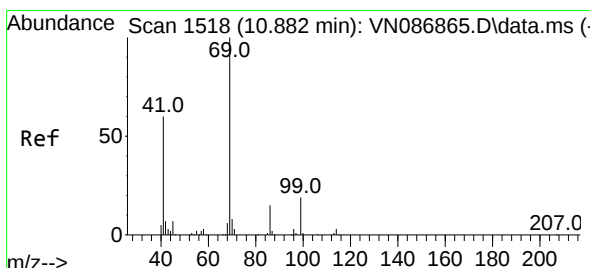
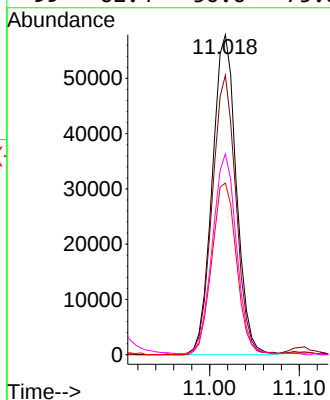
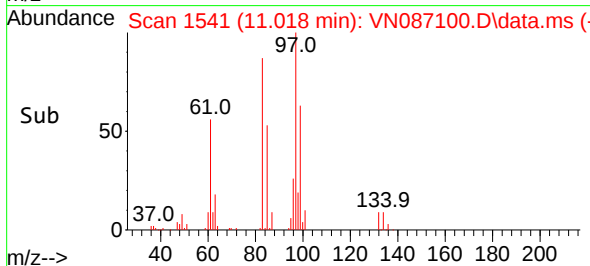
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



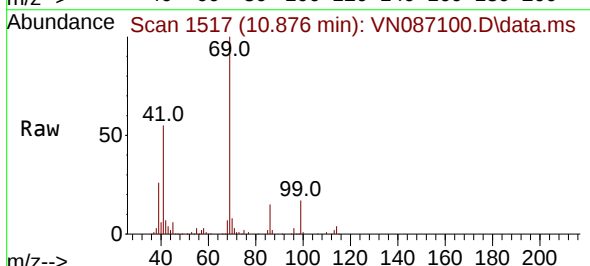
Tgt Ion: 97 Resp: 107940
Ion Ratio Lower Upper
97 100
83 87.3 69.7 104.5
85 53.6 45.1 67.7
99 62.4 50.6 75.8

Manual Integrations
APPROVED

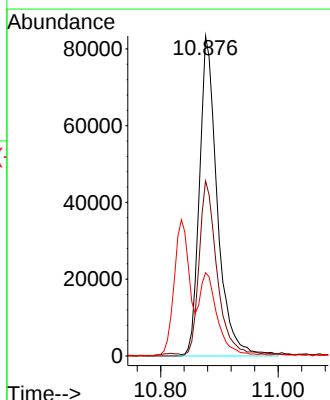
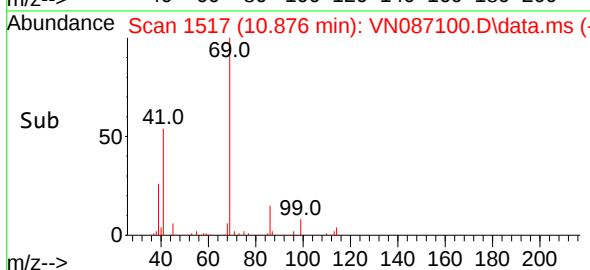
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

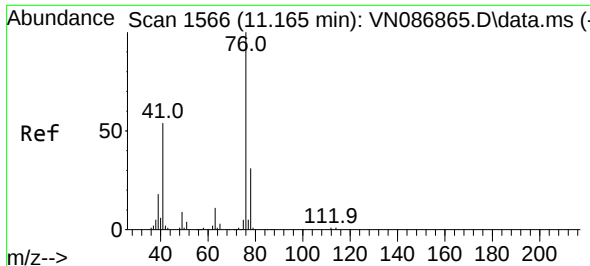


#56
Ethyl methacrylate
Concen: 58.668 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



Tgt Ion: 69 Resp: 176425
Ion Ratio Lower Upper
69 100
41 54.8 47.2 70.8
39 25.3 23.0 34.6





#57

1,3-Dichloropropane

Concen: 56.867 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087100.D

Acq: 19 Jun 2025 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 186250

Ion Ratio Lower Upper

76 100

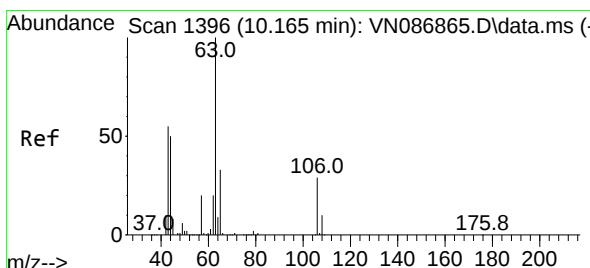
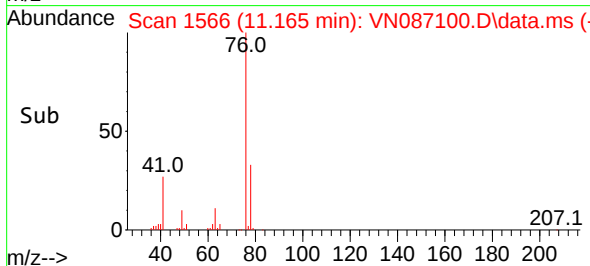
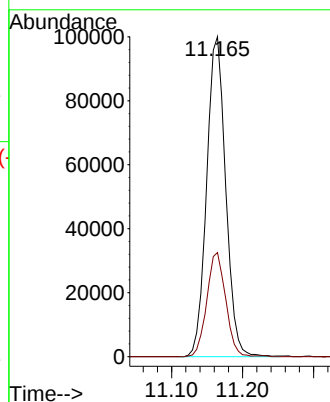
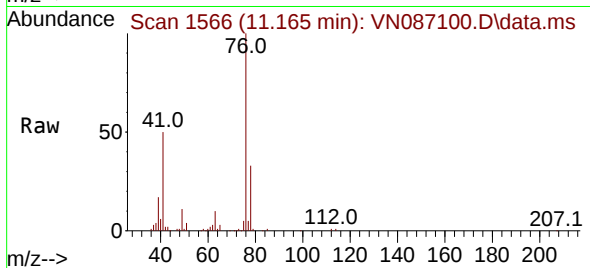
78 32.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 284.937 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN087100.D

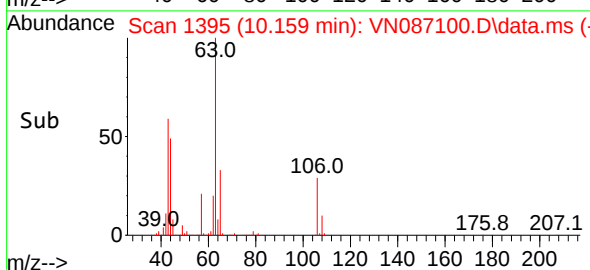
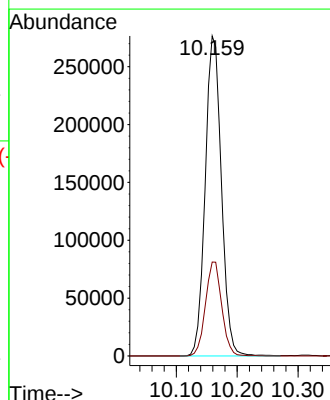
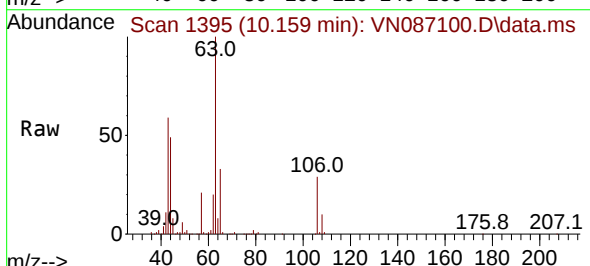
Acq: 19 Jun 2025 09:31

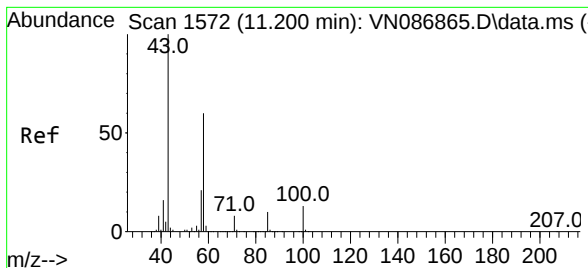
Tgt Ion: 63 Resp: 511071

Ion Ratio Lower Upper

63 100

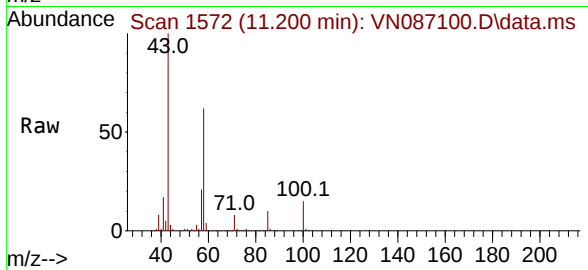
106 29.5 23.0 34.6





#59
2-Hexanone
Concen: 273.673 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

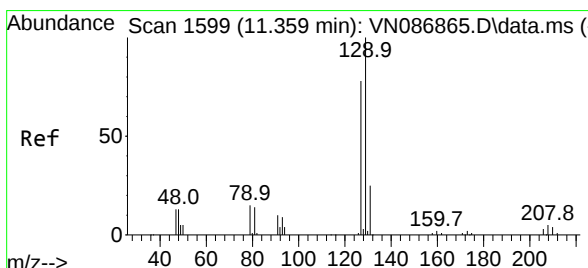
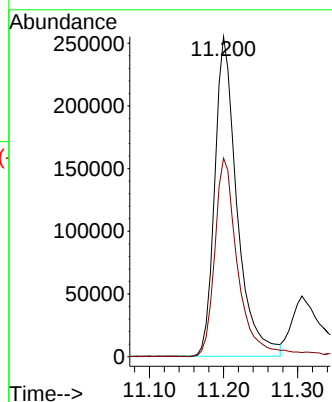
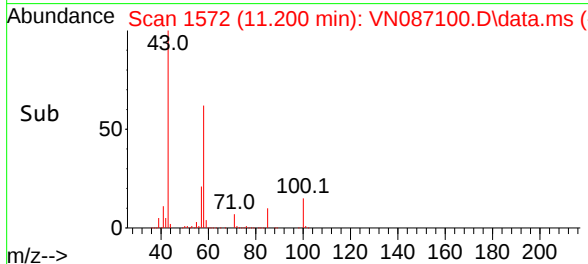
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 53238
Ion Ratio Lower Upper
43 100
58 65.2 30.4 91.3

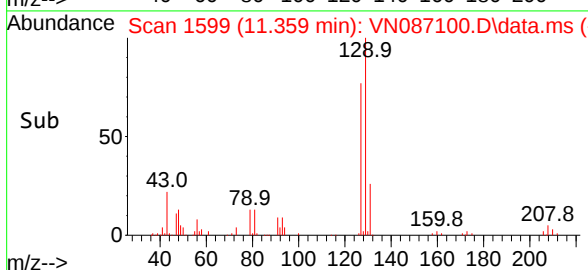
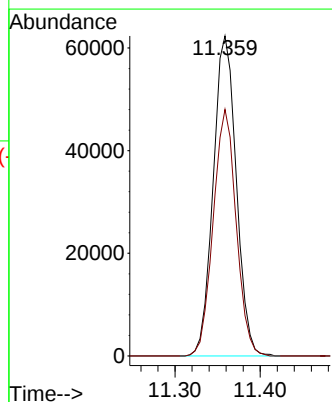
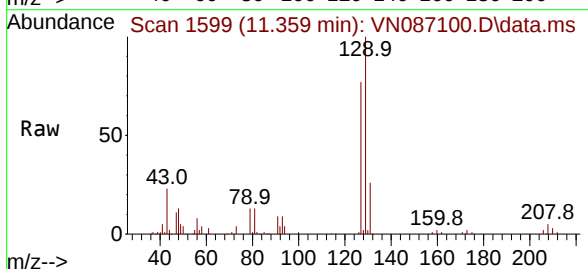
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#60
Dibromochloromethane
Concen: 59.583 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

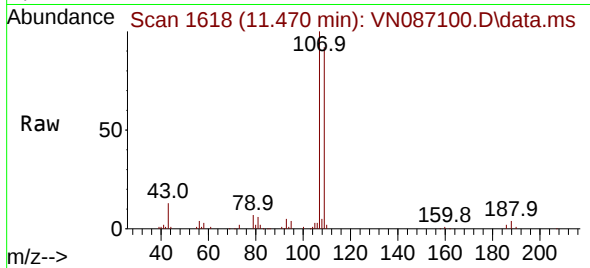
Tgt Ion:129 Resp: 117206
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 57.064 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

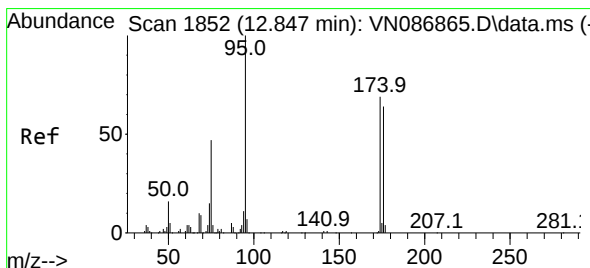
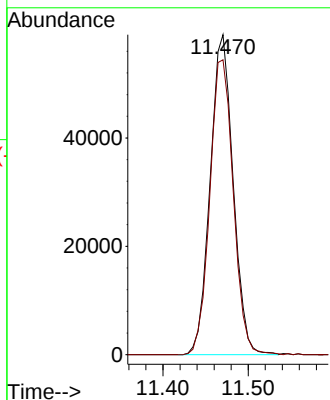
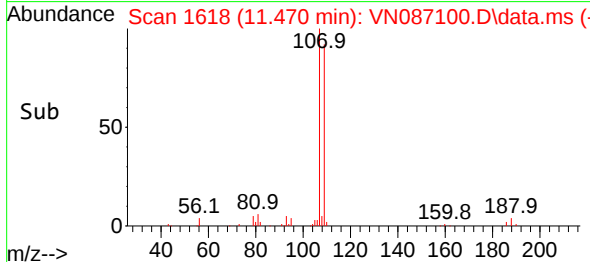
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



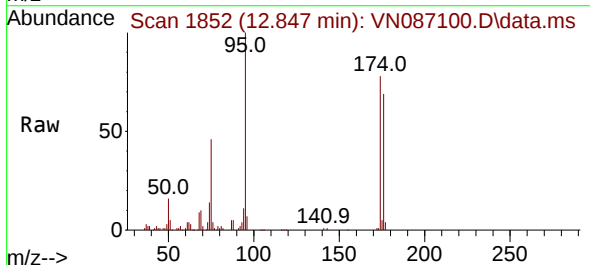
Tgt Ion:107 Resp: 110430
Ion Ratio Lower Upper
107 100
109 94.2 76.3 114.5

Manual Integrations
APPROVED

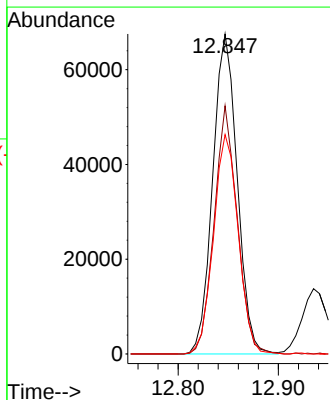
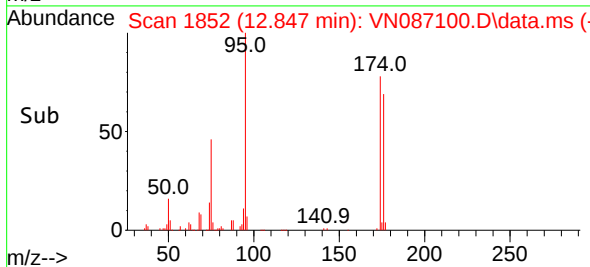
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

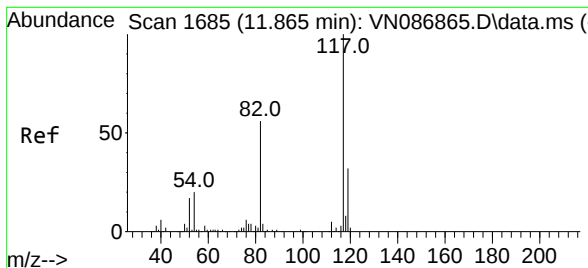


#62
4-Bromofluorobenzene
Concen: 47.149 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



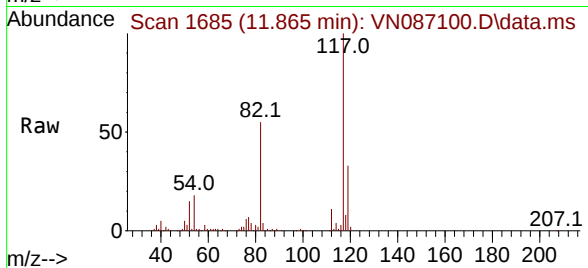
Tgt Ion: 95 Resp: 114266
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.8
176 69.3 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

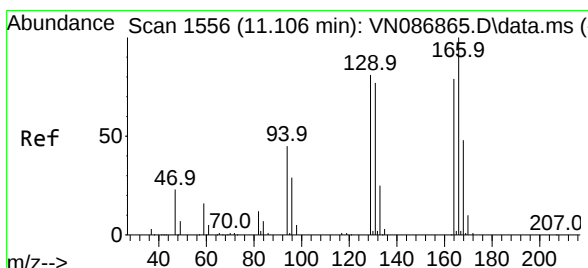
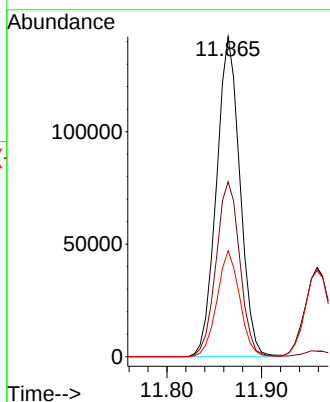
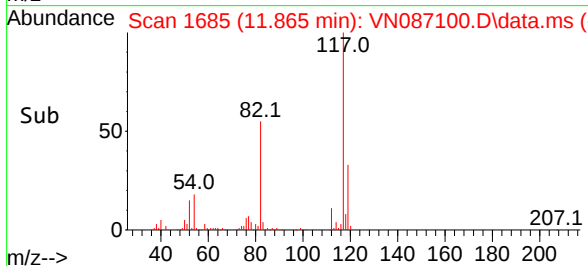
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 245272
Ion Ratio Lower Upper
117 100
82 54.6 44.6 67.0
119 33.1 25.5 38.3

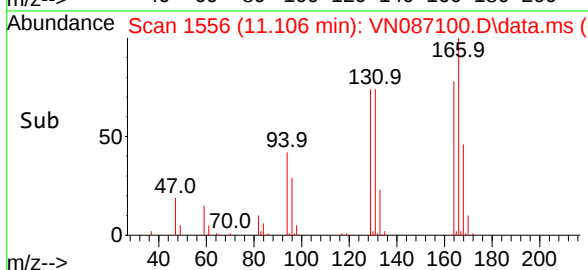
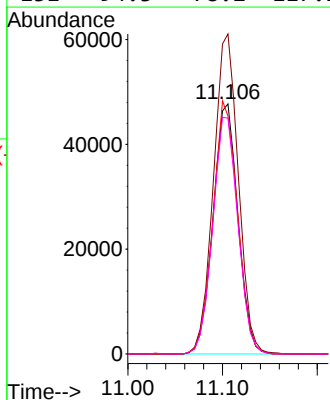
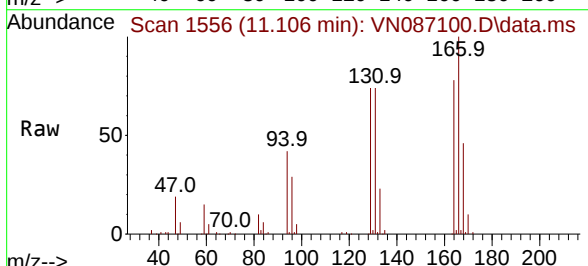
Manual Integrations
APPROVED

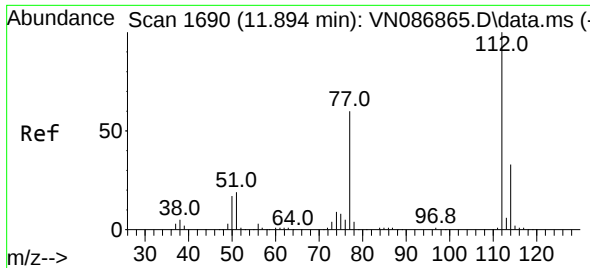
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#64
Tetrachloroethene
Concen: 56.223 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

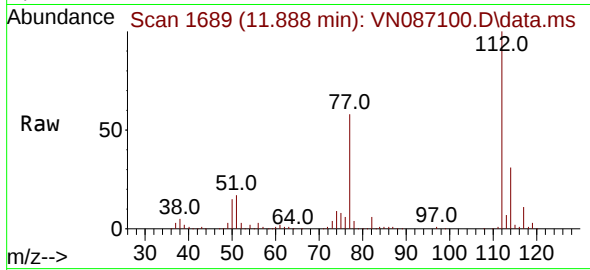
Tgt Ion:164 Resp: 87272
Ion Ratio Lower Upper
164 100
166 127.9 101.8 152.8
129 95.1 83.0 124.4
131 94.3 78.2 117.2





#65
Chlorobenzene
Concen: 57.431 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

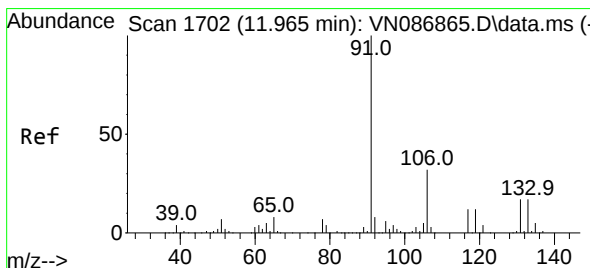
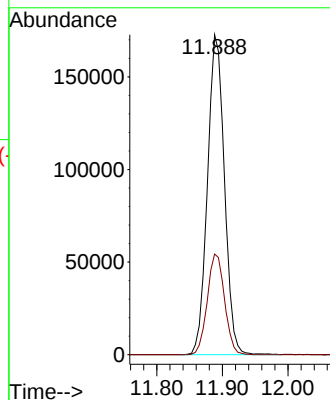
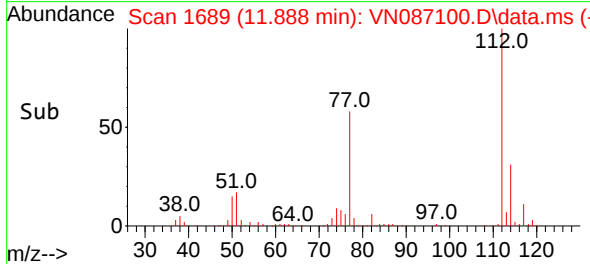
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



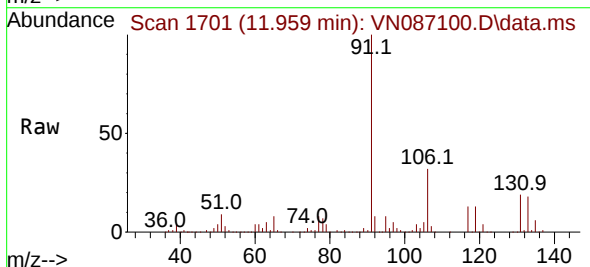
Tgt Ion:112 Resp: 31067
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.2

Manual Integrations
APPROVED

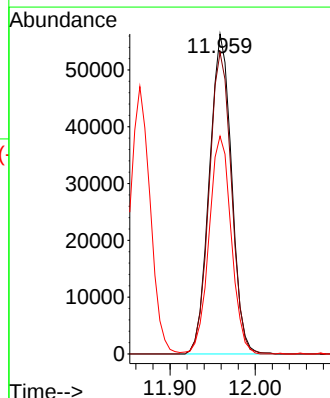
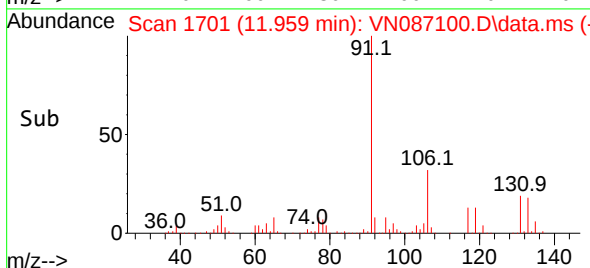
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

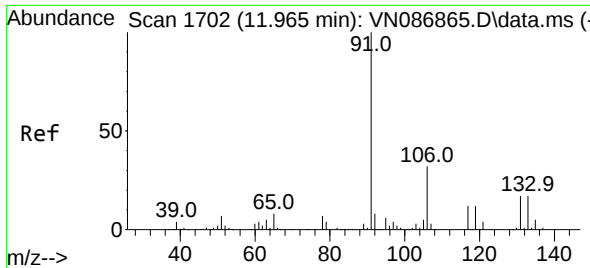


#66
1,1,1,2-Tetrachloroethane
Concen: 58.485 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



Tgt Ion:131 Resp: 101699
Ion Ratio Lower Upper
131 100
133 95.0 48.3 144.8
119 68.1 34.0 101.8





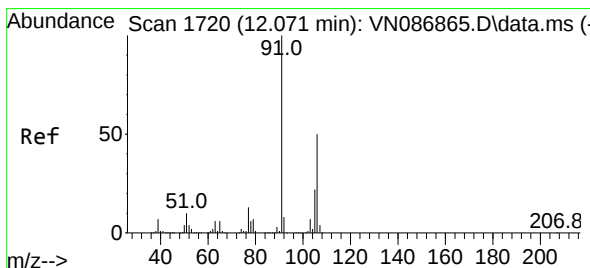
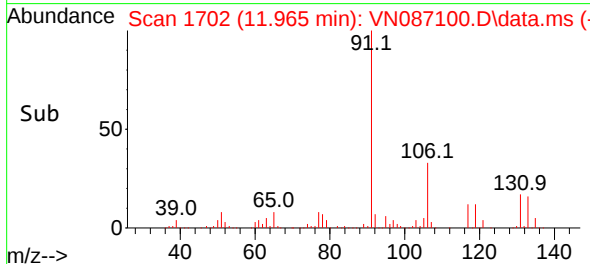
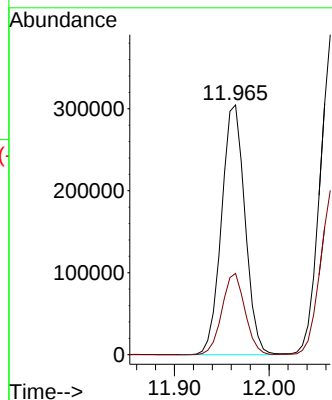
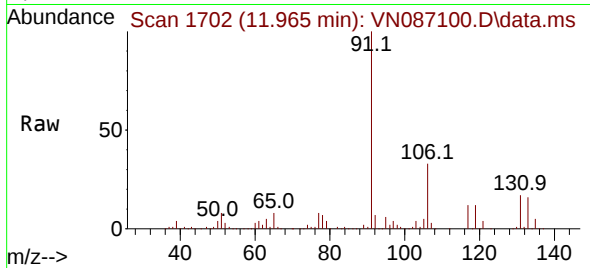
#67
Ethyl Benzene
Concen: 56.340 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 52496
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2

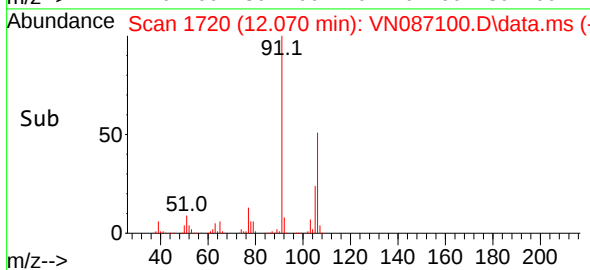
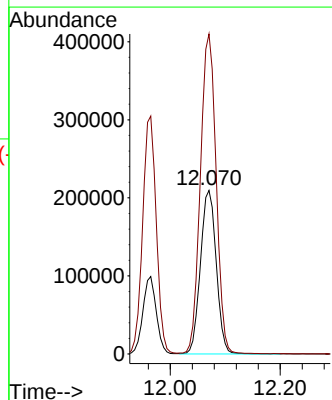
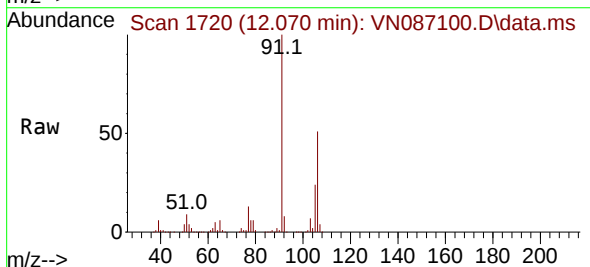
Manual Integrations
APPROVED

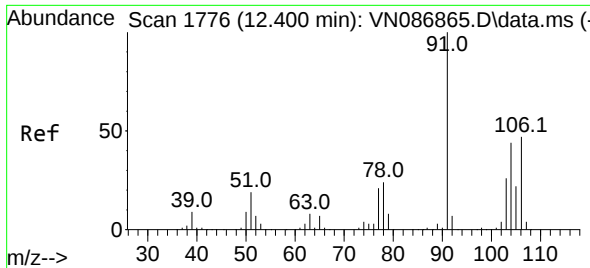
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#68
m/p-Xylenes
Concen: 117.113 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Tgt Ion:106 Resp: 417726
Ion Ratio Lower Upper
106 100
91 195.4 159.4 239.0





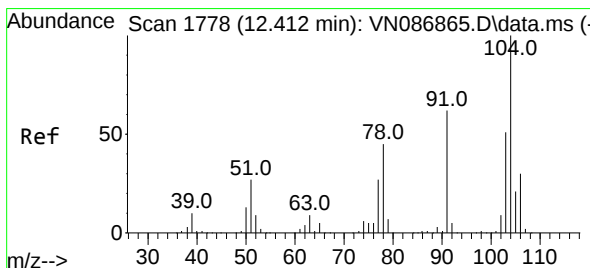
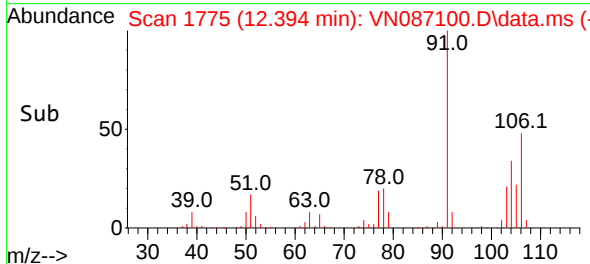
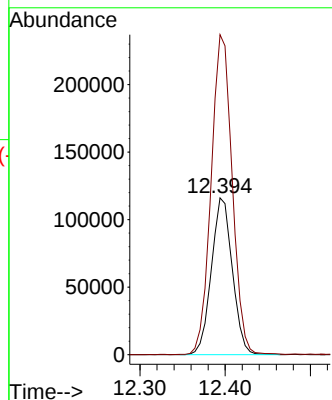
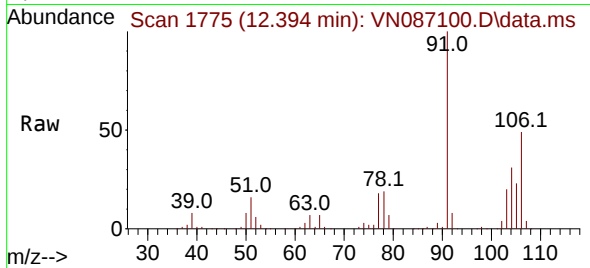
#69
o-Xylene
Concen: 57.962 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 198000
Ion Ratio Lower Upper
106 100
91 205.7 106.1 318.1

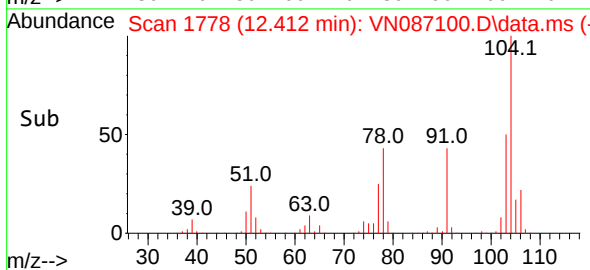
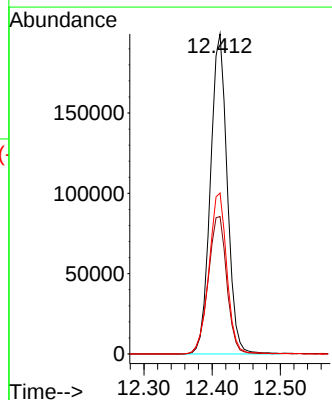
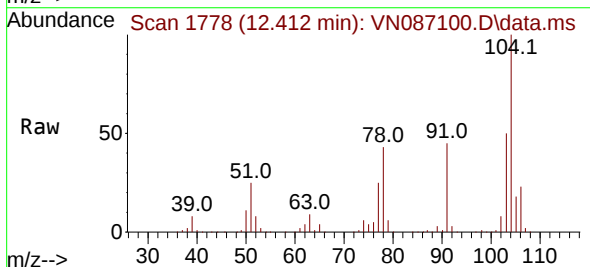
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#70
Styrene
Concen: 58.606 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

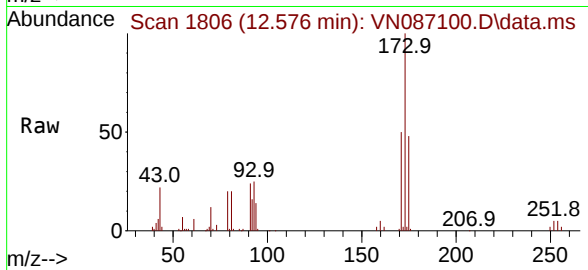
Tgt Ion:104 Resp: 342586
Ion Ratio Lower Upper
104 100
78 47.4 38.5 57.7
103 53.6 43.1 64.7





#71
Bromoform
Concen: 61.270 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

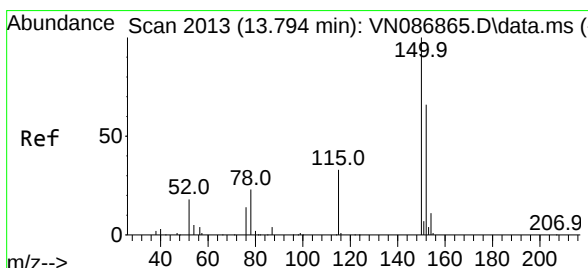
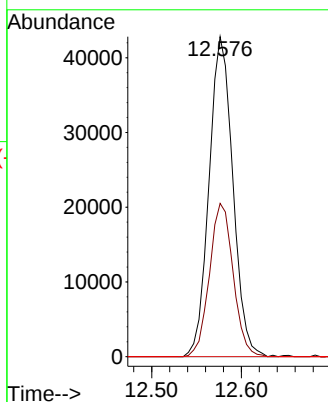
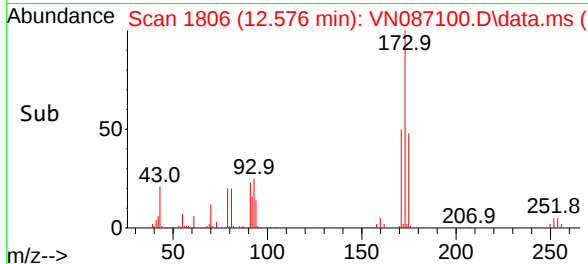
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



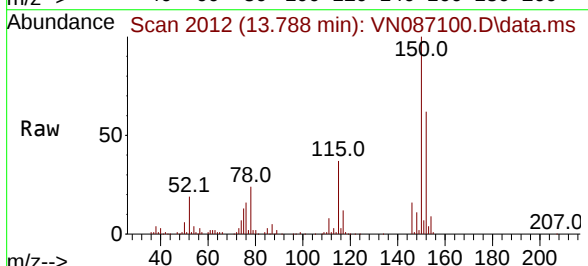
Tgt Ion:173 Resp: 7894
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

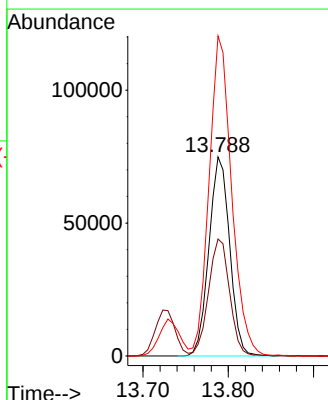
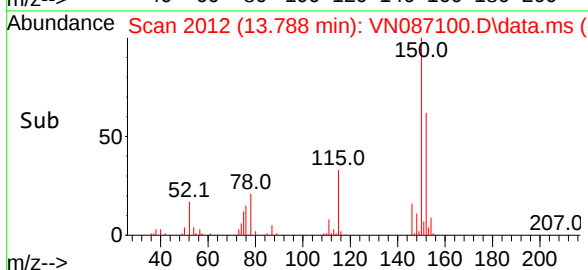
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

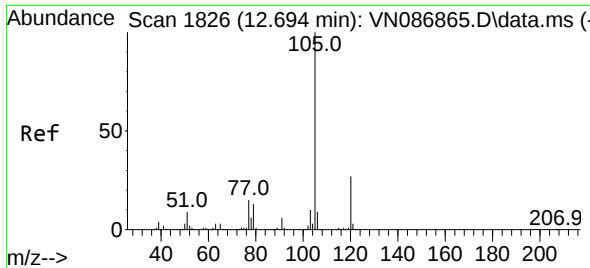


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



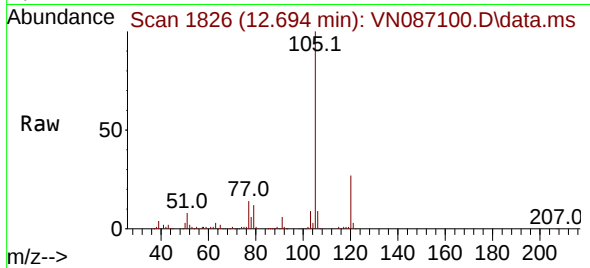
Tgt Ion:152 Resp: 126484
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.5
150 175.4 0.0 345.0





#73
Isopropylbenzene
Concen: 53.235 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

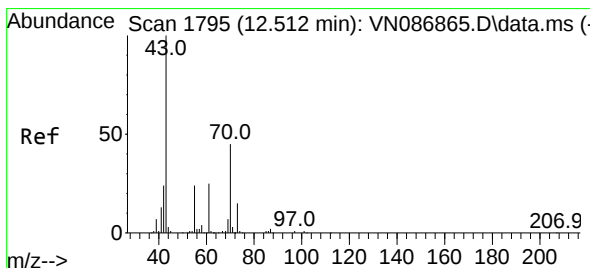
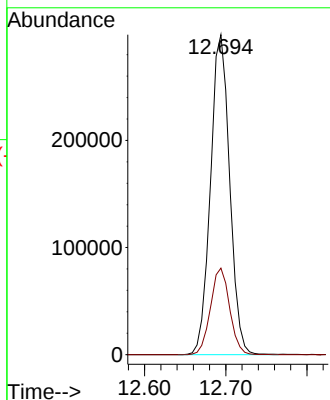
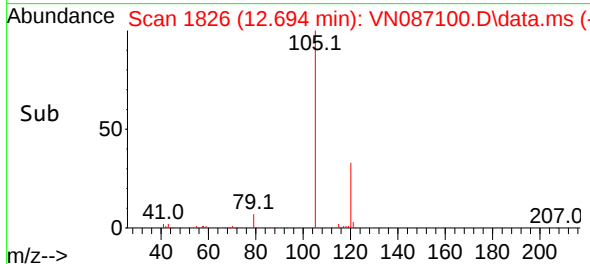
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



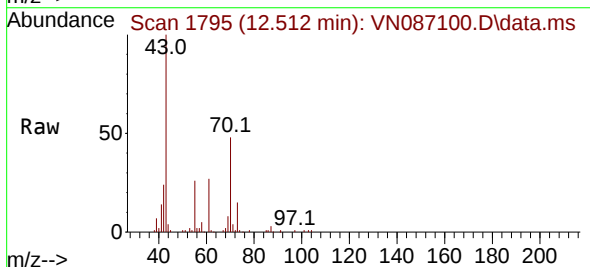
Tgt Ion:105 Resp: 490532
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

Manual Integrations
APPROVED

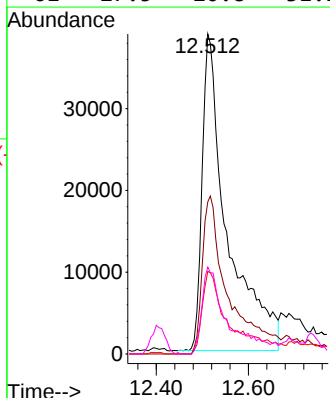
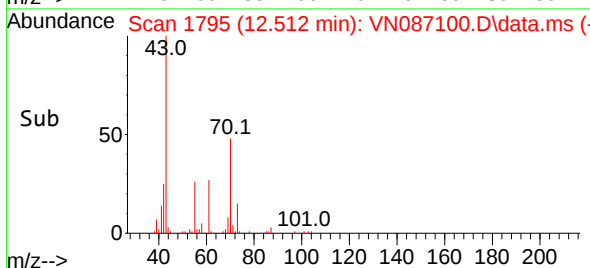
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

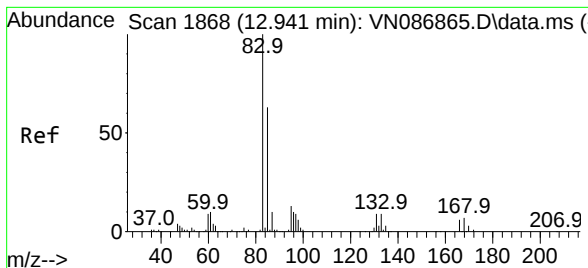


#74
N-ethyl acetate
Concen: 45.622 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



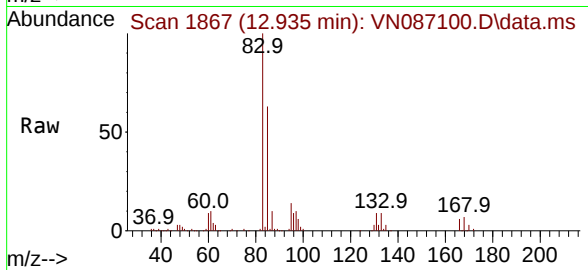
Tgt Ion: 43 Resp: 146899
Ion Ratio Lower Upper
43 100
70 51.7 37.6 56.4
55 28.8 19.0 28.6#
61 27.5 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.402 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

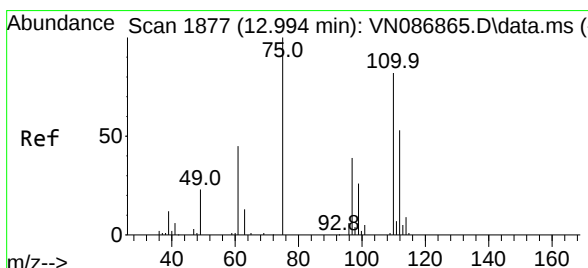
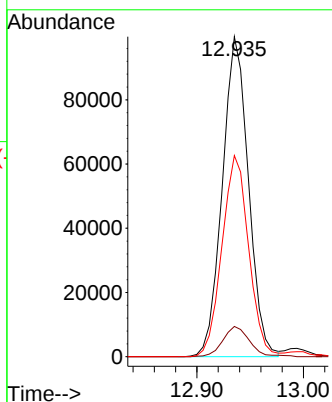
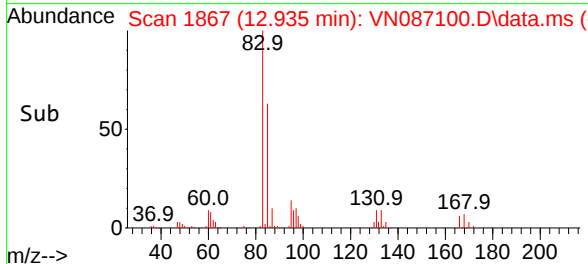
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 169825
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 64.2 32.0 96.0

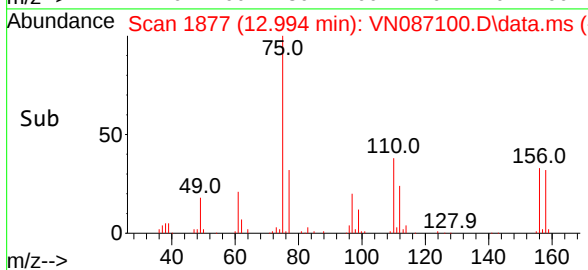
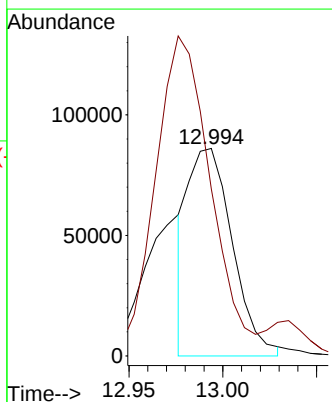
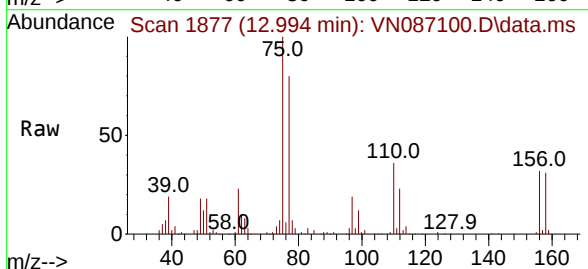
Manual Integrations
APPROVED

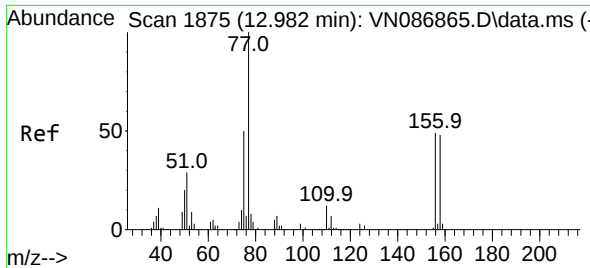
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#76
1,2,3-Trichloropropane
Concen: 47.004 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Tgt Ion: 75 Resp: 141322
Ion Ratio Lower Upper
75 100
77 192.7 79.3 237.9





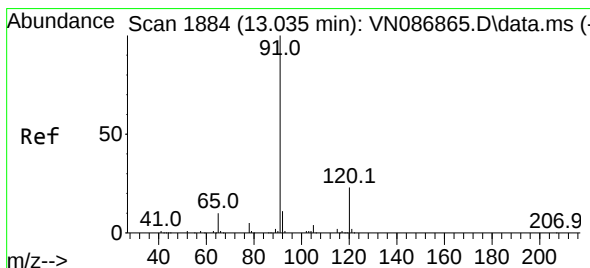
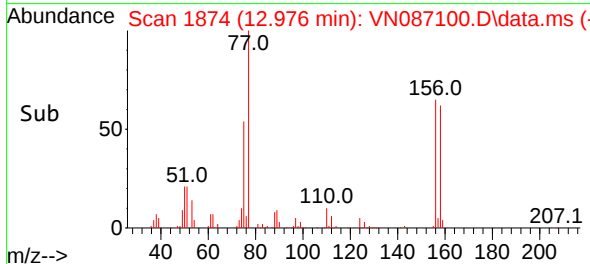
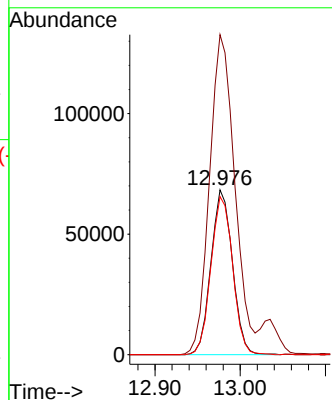
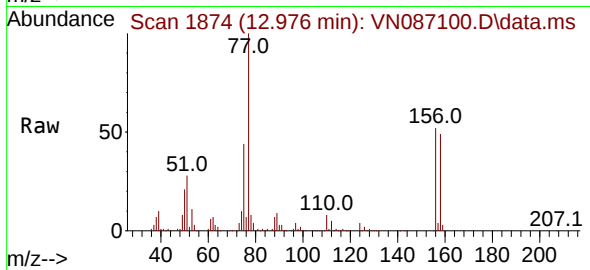
#77
Bromobenzene
Concen: 56.782 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 11999
Ion Ratio Lower Upper
156 100
77 226.9 117.7 353.1
158 96.7 48.1 144.4

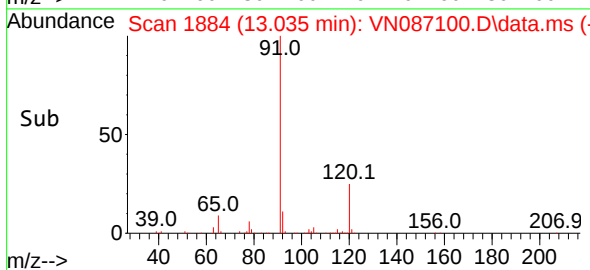
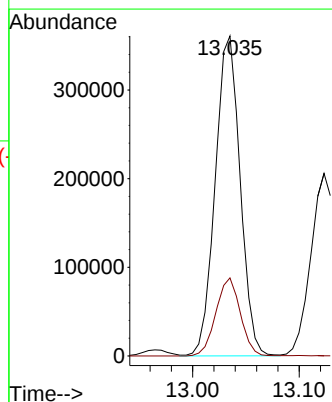
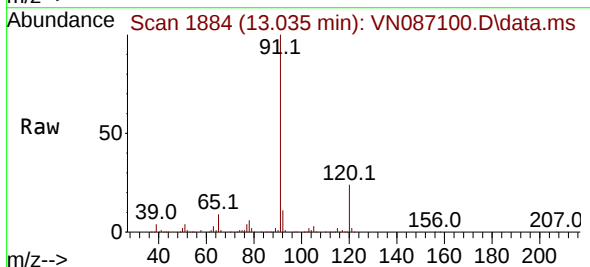
Manual Integrations
APPROVED

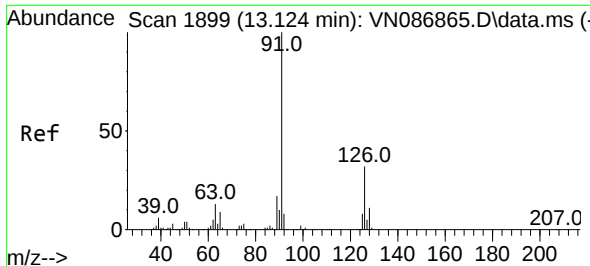
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#78
n-propylbenzene
Concen: 52.332 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

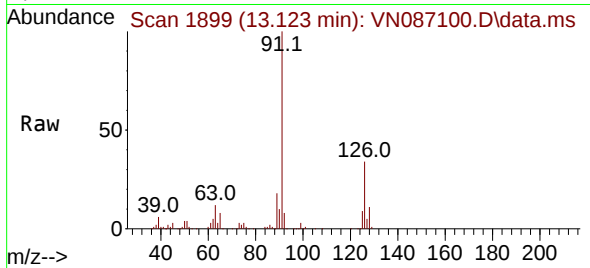
Tgt Ion: 91 Resp: 586015
Ion Ratio Lower Upper
91 100
120 23.9 11.4 34.2





#79
2-Chlorotoluene
Concen: 52.556 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

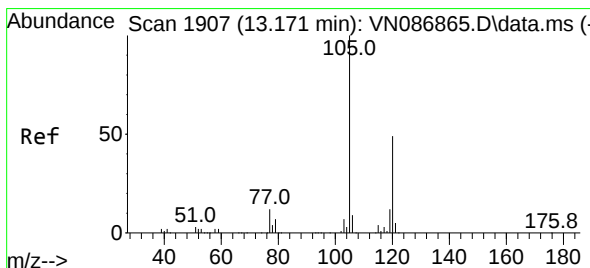
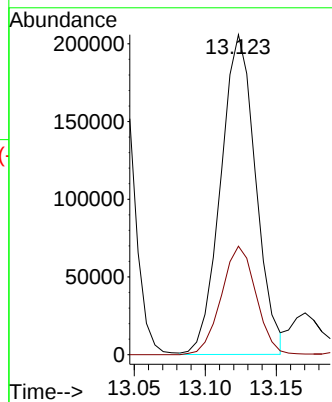
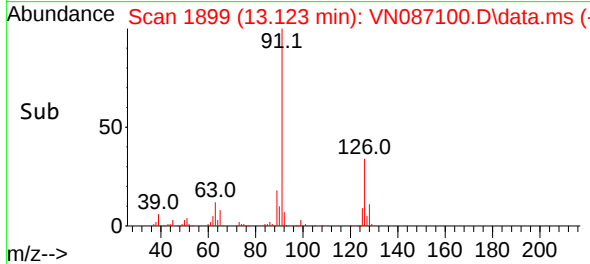
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



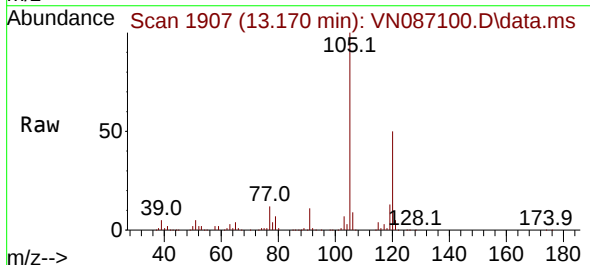
Tgt Ion: 91 Resp: 352940
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.5

Manual Integrations
APPROVED

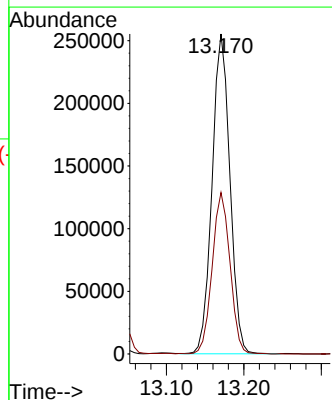
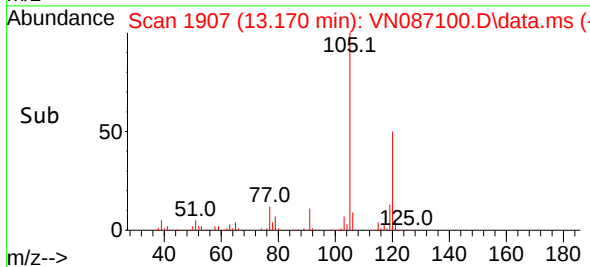
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

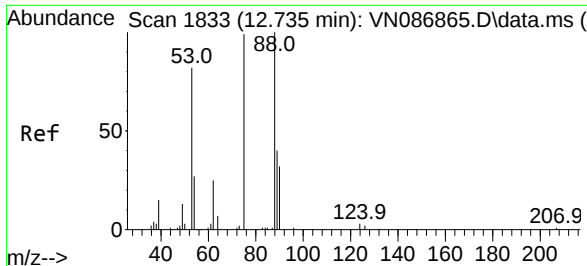


#80
1,3,5-Trimethylbenzene
Concen: 53.568 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



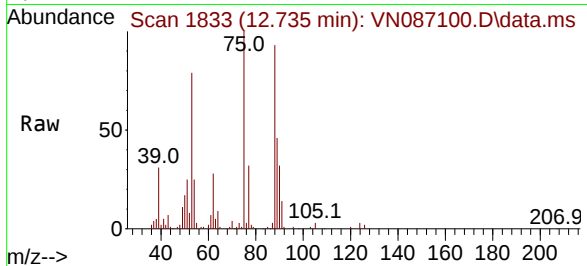
Tgt Ion:105 Resp: 407528
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.097 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

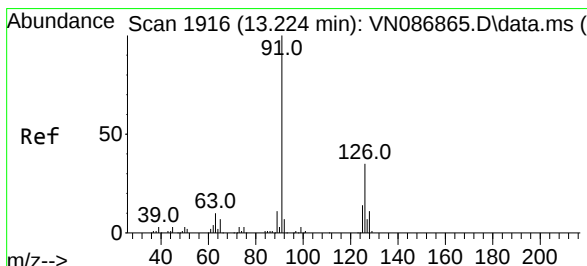
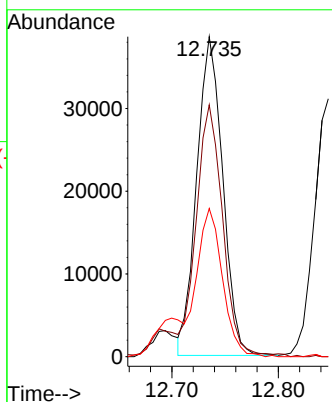
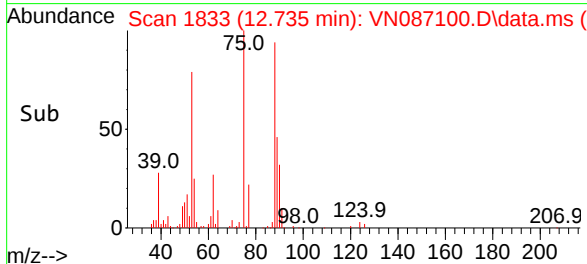
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 6543
Ion Ratio Lower Upper
75 100
53 80.6 66.6 99.8
89 45.5 36.7 55.1

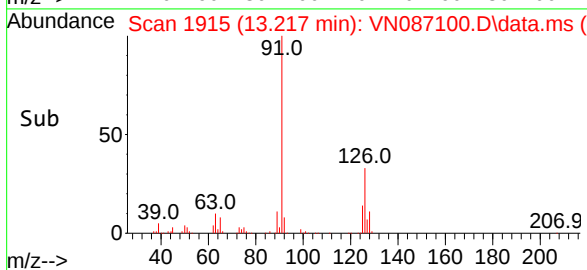
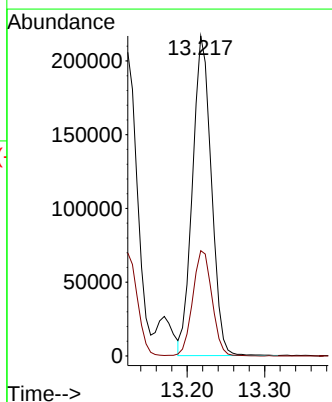
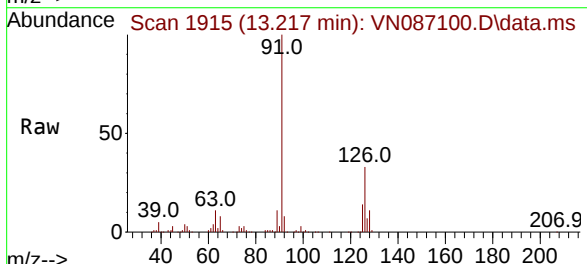
Manual Integrations
APPROVED

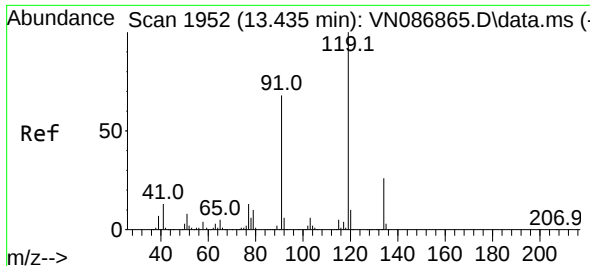
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#82
4-Chlorotoluene
Concen: 53.692 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

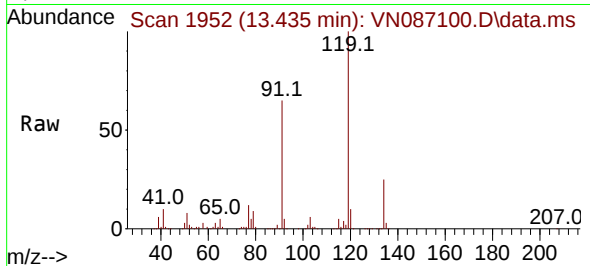
Tgt Ion: 91 Resp: 364837
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.1





#83
 tert-Butylbenzene
 Concen: 49.305 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087100.D
 Acq: 19 Jun 2025 09:31

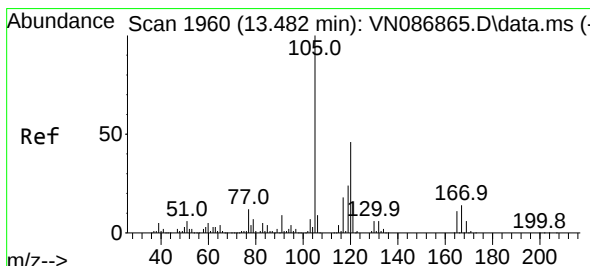
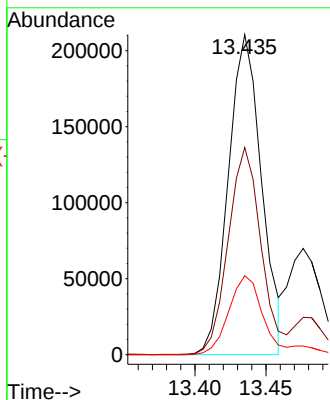
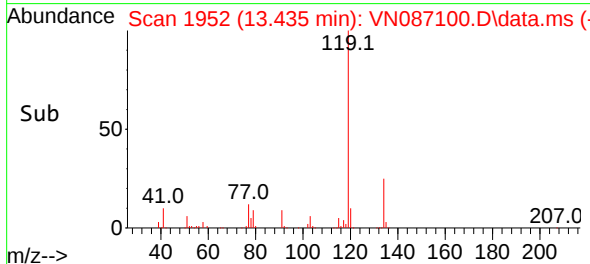
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



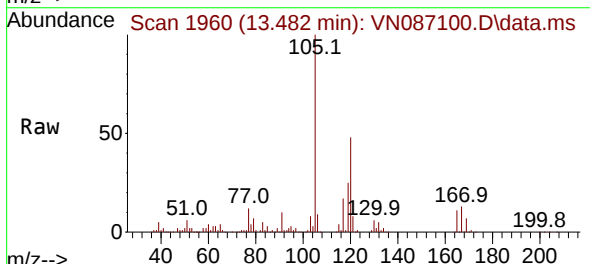
Tgt Ion:119 Resp: 34335
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.1 96.5
 134 26.9 13.4 40.1

Manual Integrations
 APPROVED

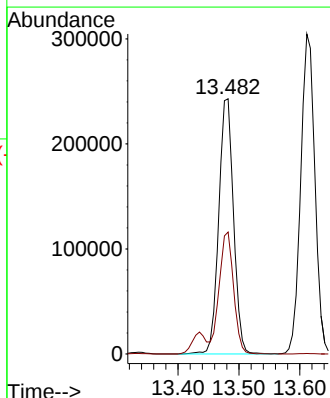
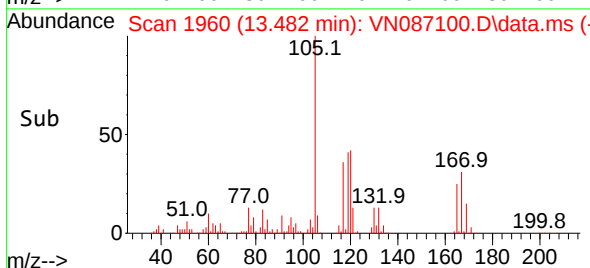
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

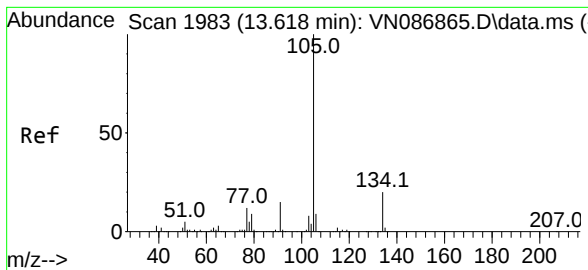


#84
 1,2,4-Trimethylbenzene
 Concen: 53.720 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN087100.D
 Acq: 19 Jun 2025 09:31



Tgt Ion:105 Resp: 409813
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.6





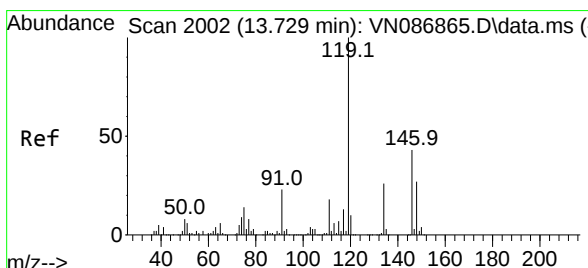
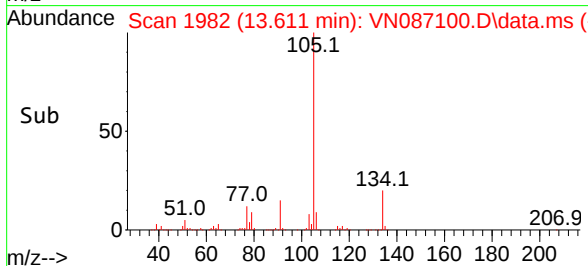
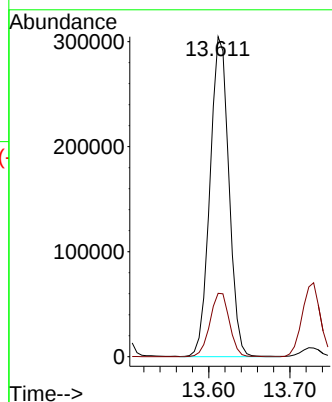
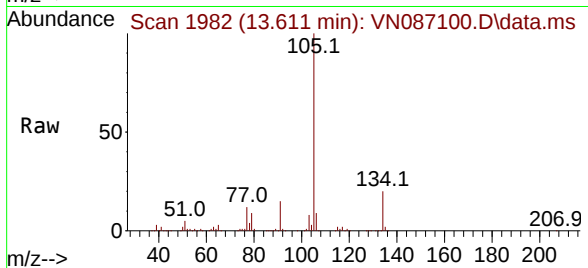
#85
 sec-Butylbenzene
 Concen: 48.691 ug/l
 RT: 13.611 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087100.D
 Acq: 19 Jun 2025 09:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 49241
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 30.0

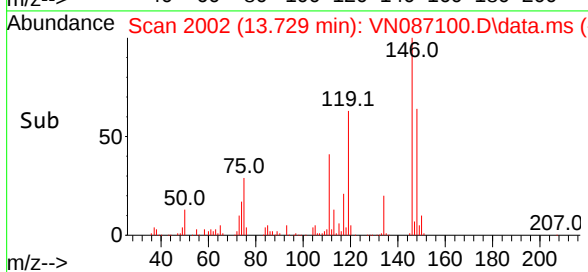
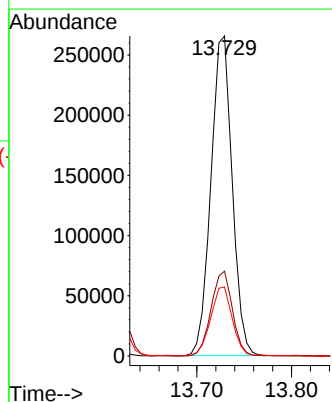
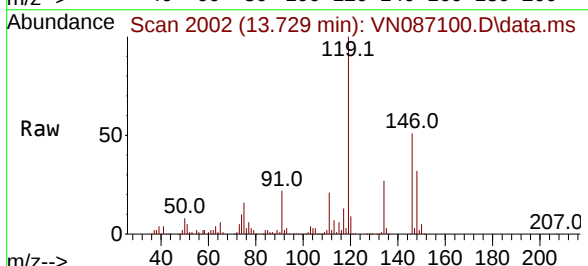
Manual Integrations
 APPROVED

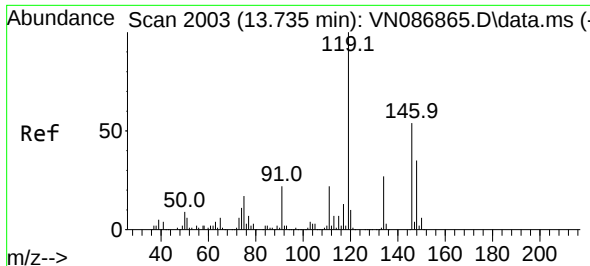
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#86
 p-Isopropyltoluene
 Concen: 49.610 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087100.D
 Acq: 19 Jun 2025 09:31

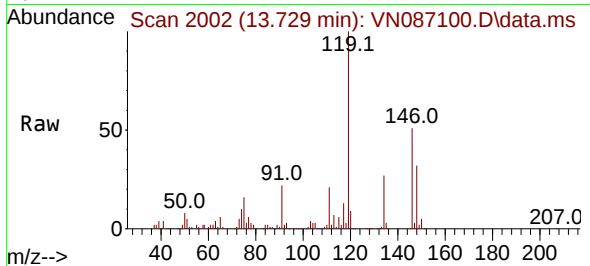
Tgt Ion:119 Resp: 414725
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 22.1 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 55.899 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

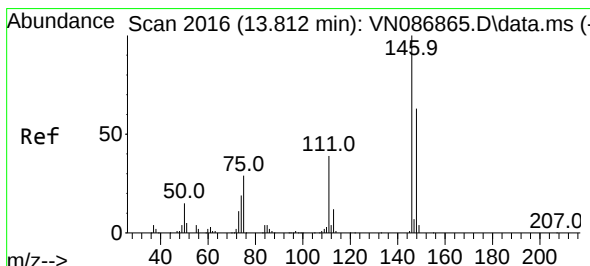
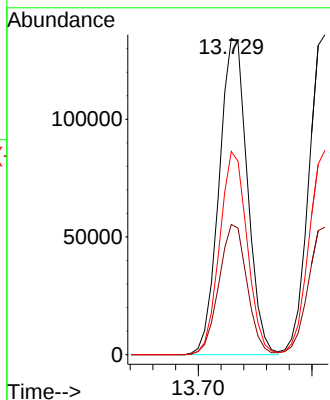
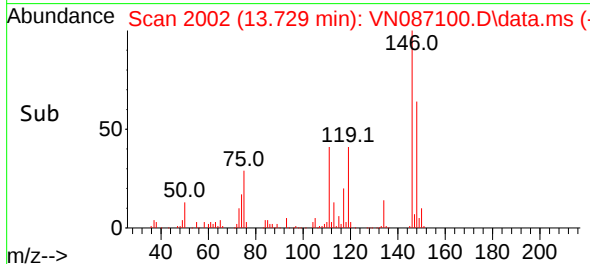
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



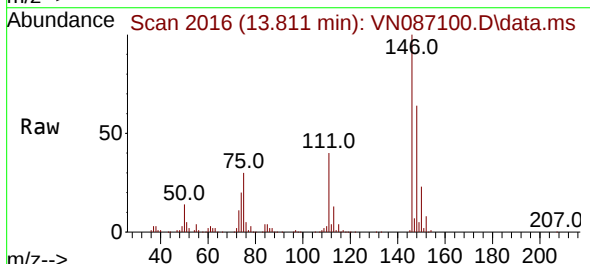
Tgt Ion:146 Resp: 232408
Ion Ratio Lower Upper
146 100
111 40.9 20.9 62.8
148 62.6 32.0 96.2

Manual Integrations
APPROVED

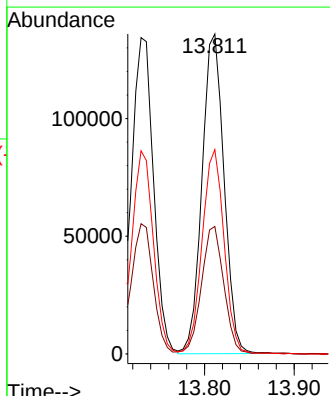
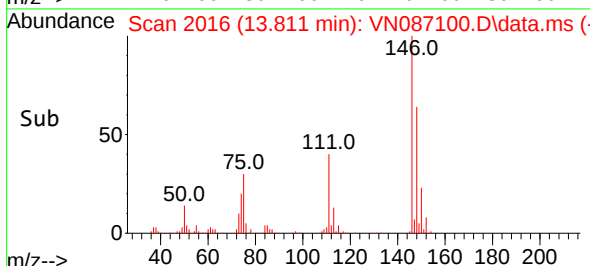
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

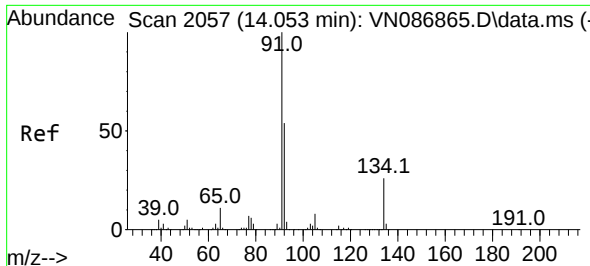


#88
1,4-Dichlorobenzene
Concen: 54.637 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



Tgt Ion:146 Resp: 231597
Ion Ratio Lower Upper
146 100
111 39.8 19.9 59.7
148 63.9 31.8 95.4





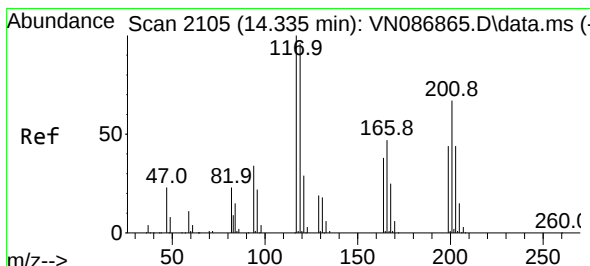
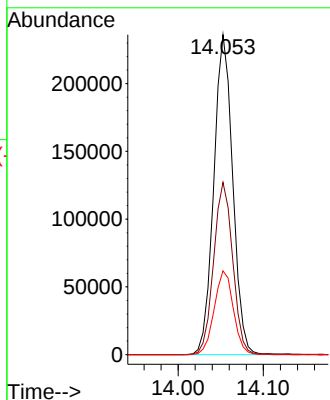
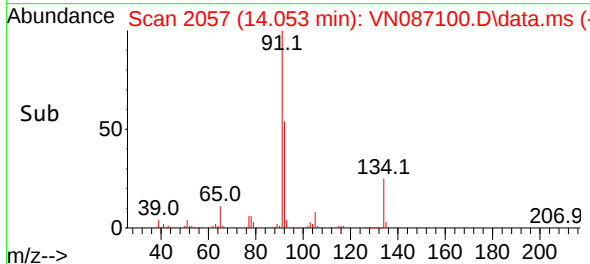
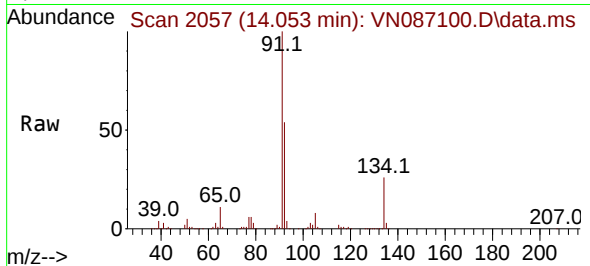
#89
n-Butylbenzene
Concen: 45.078 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 36501
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.4
134 26.5 13.0 39.0

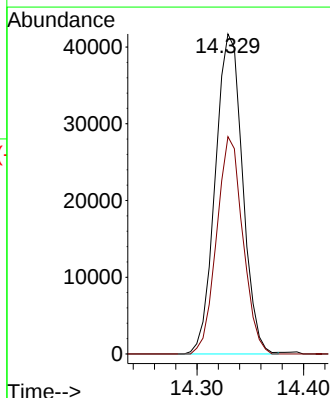
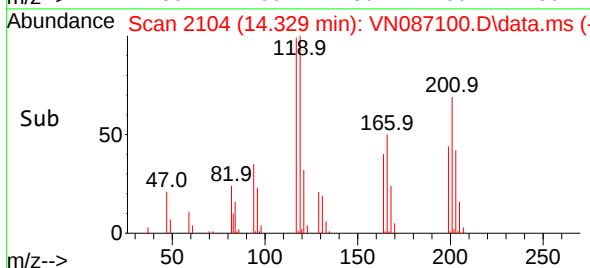
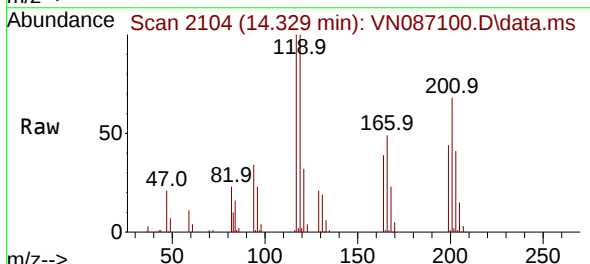
Manual Integrations
APPROVED

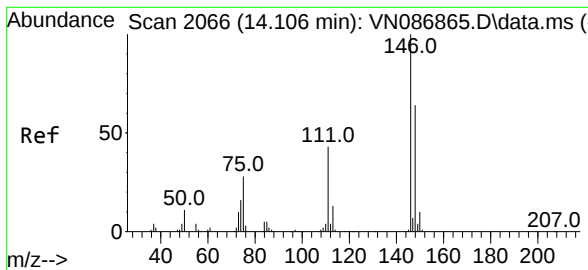
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#90
Hexachloroethane
Concen: 52.332 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Tgt Ion:117 Resp: 74155
Ion Ratio Lower Upper
117 100
201 65.2 33.2 99.6





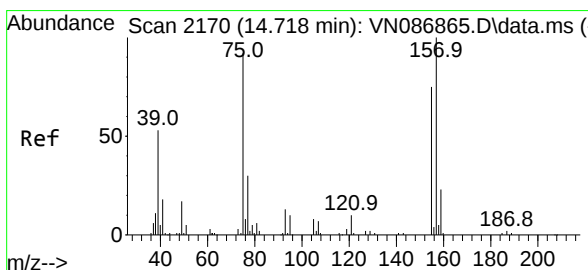
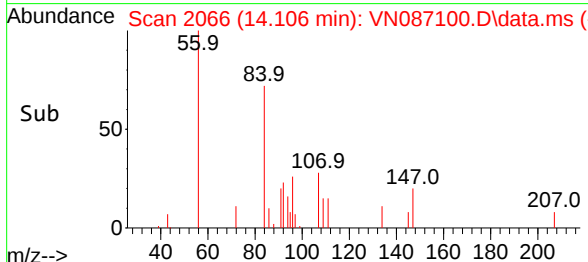
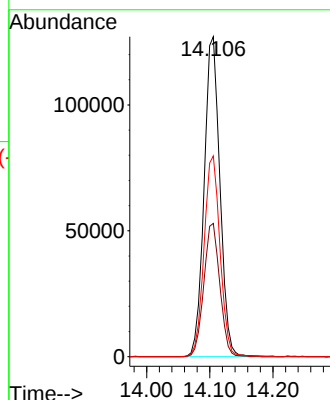
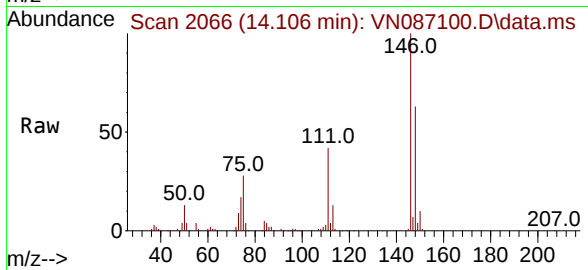
#91
1,2-Dichlorobenzene
Concen: 55.265 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 22075
Ion Ratio Lower Upper
146 100
111 42.2 21.6 64.6
148 63.5 31.7 95.1

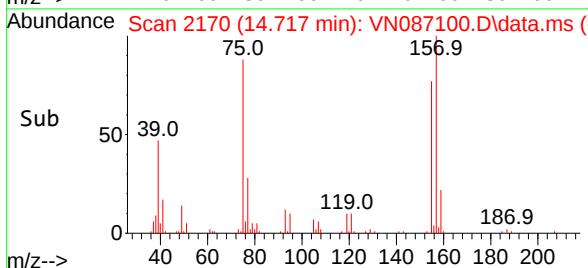
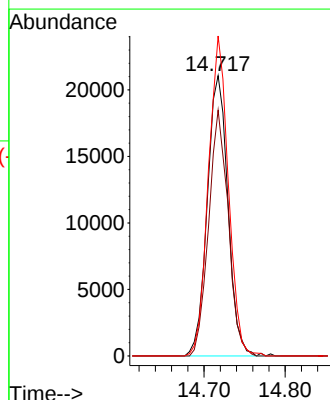
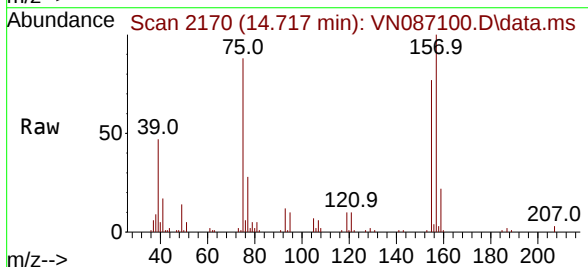
Manual Integrations
APPROVED

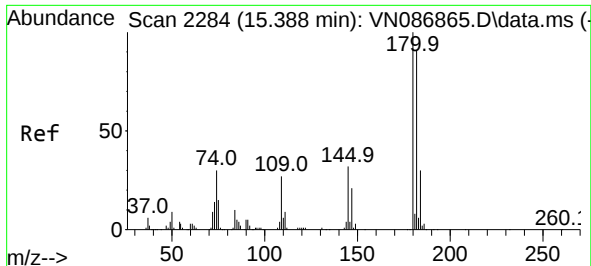
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.901 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

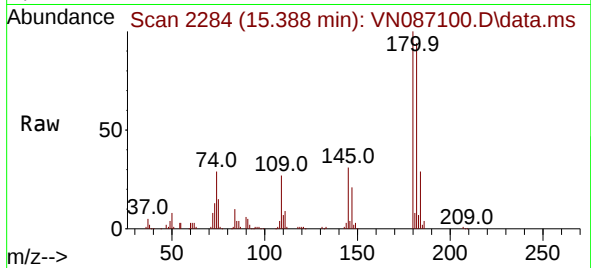
Tgt Ion: 75 Resp: 37254
Ion Ratio Lower Upper
75 100
155 83.1 41.1 123.4
157 110.0 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 47.138 ug/l
RT: 15.388 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

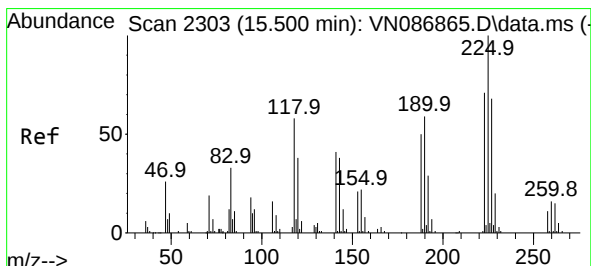
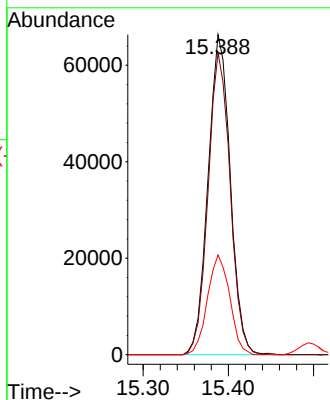
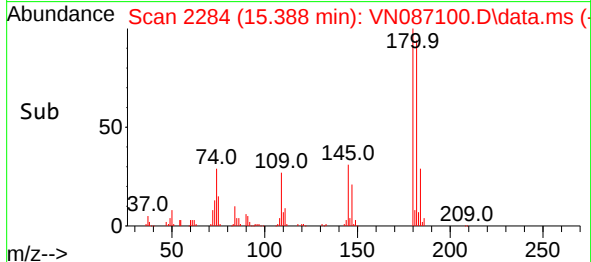
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



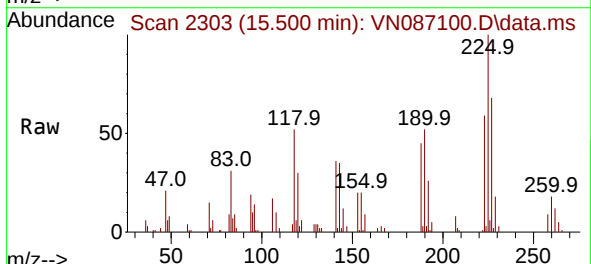
Tgt Ion:180 Resp: 120230
Ion Ratio Lower Upper
180 100
182 93.6 46.9 140.7
145 31.3 16.0 47.9

Manual Integrations
APPROVED

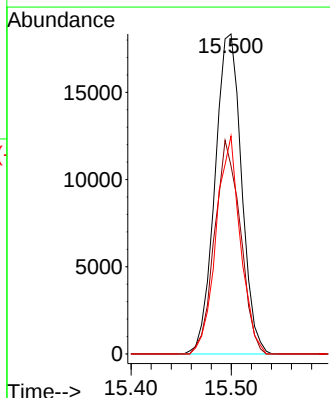
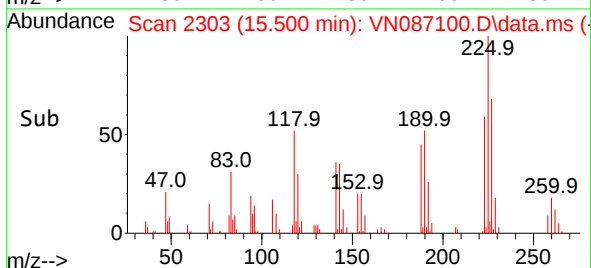
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

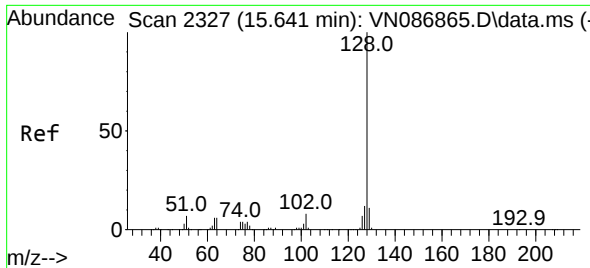


#94
Hexachlorobutadiene
Concen: 35.548 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31



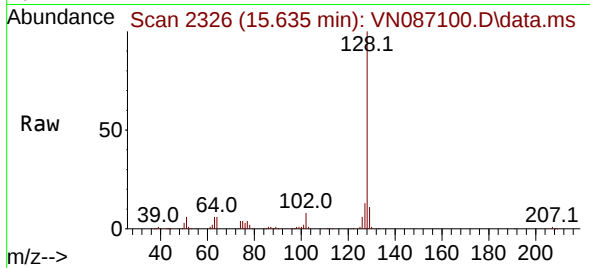
Tgt Ion:225 Resp: 33782
Ion Ratio Lower Upper
225 100
223 64.8 33.5 100.4
227 62.2 31.1 93.5





#95
Naphthalene
Concen: 50.063 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

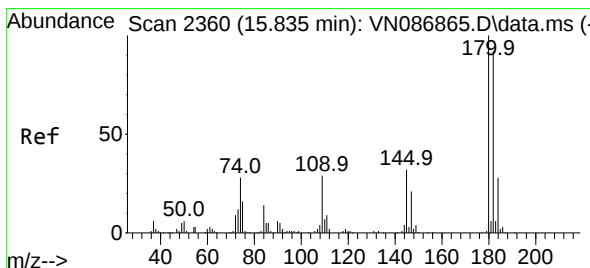
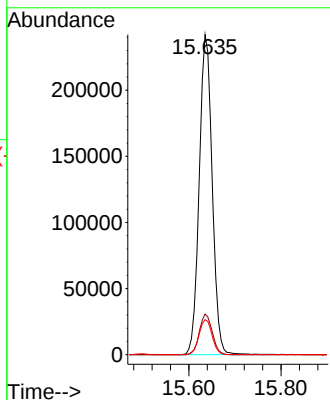
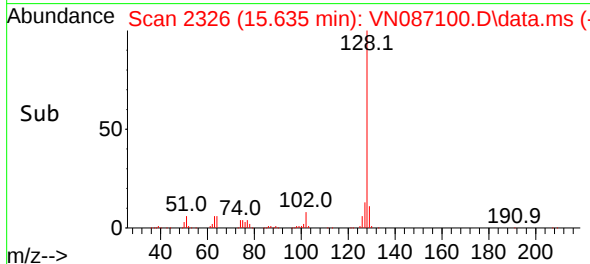
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 47531
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.251 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087100.D
Acq: 19 Jun 2025 09:31

Tgt Ion:180 Resp: 114676
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 34.1 16.6 49.8

