

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087593.D
 Acq On : 15 Aug 2025 19:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 18 05:50:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	316356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	633002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	582357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	297595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	312372	58.193	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.380%			
35) Dibromofluoromethane	8.153	113	214997	49.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.480%			
50) Toluene-d8	10.547	98	757769	48.651	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.300%			
62) 4-Bromofluorobenzene	12.829	95	306187	53.209	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	185393	55.175	ug/l	98
3) Chloromethane	2.383	50	187990	44.490	ug/l	98
4) Vinyl Chloride	2.542	62	215094	51.223	ug/l	92
5) Bromomethane	2.965	94	133154	61.233	ug/l	98
6) Chloroethane	3.130	64	142160	51.912	ug/l	98
7) Trichlorofluoromethane	3.506	101	333325	53.682	ug/l	95
8) Diethyl Ether	3.959	74	145573	60.438	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	173190	54.335	ug/l	98
10) Methyl Iodide	4.583	142	140728	43.714	ug/l	98
11) Tert butyl alcohol	5.518	59	274177	269.000	ug/l	99
12) 1,1-Dichloroethene	4.336	96	181150	50.152	ug/l	95
13) Acrolein	4.177	56	165201	201.965	ug/l	99
14) Allyl chloride	5.012	41	311272	47.618	ug/l	93
15) Acrylonitrile	5.712	53	684511	247.488	ug/l	98
16) Acetone	4.424	43	644769	256.181	ug/l	99
17) Carbon Disulfide	4.706	76	445641	41.615	ug/l #	94
18) Methyl Acetate	5.018	43	497401	78.662	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	774329	58.161	ug/l	98
20) Methylene Chloride	5.265	84	217473	51.129	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	197422	48.474	ug/l	95
22) Diisopropyl ether	6.659	45	762521	55.611	ug/l	93
23) Vinyl Acetate	6.594	43	2638639	220.031	ug/l	98
24) 1,1-Dichloroethane	6.559	63	392618	49.632	ug/l	99
25) 2-Butanone	7.477	43	996101	256.148	ug/l	100
26) 2,2-Dichloropropane	7.471	77	254838	41.435	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	250417	53.406	ug/l	98
28) Bromochloromethane	7.800	49	186367	49.226	ug/l	96
29) Tetrahydrofuran	7.830	42	644523	255.130	ug/l	97
30) Chloroform	7.953	83	428288	54.091	ug/l	98
31) Cyclohexane	8.241	56	308122	46.691	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	360123	52.512	ug/l	99
36) 1,1-Dichloropropene	8.353	75	274451	47.575	ug/l	99
37) Ethyl Acetate	7.547	43	366011	43.931	ug/l	98
38) Carbon Tetrachloride	8.347	117	291423	45.858	ug/l	96
39) Methylcyclohexane	9.582	83	296511	47.475	ug/l	96
40) Benzene	8.588	78	881228	47.264	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087593.D
 Acq On : 15 Aug 2025 19:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 05:50:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	218617	50.183	ug/l	98
42) 1,2-Dichloroethane	8.653	62	344487	48.721	ug/l	98
43) Isopropyl Acetate	8.677	43	635441	49.132	ug/l	99
44) Trichloroethene	9.335	130	198572	45.073	ug/l	95
45) 1,2-Dichloropropane	9.606	63	218341	46.088	ug/l	98
46) Dibromomethane	9.694	93	167579	47.245	ug/l	97
47) Bromodichloromethane	9.871	83	341805	47.840	ug/l	96
48) Methyl methacrylate	9.665	41	304901	52.366	ug/l #	93
49) 1,4-Dioxane	9.682	88	82193	921.675	ug/l #	95
51) 4-Methyl-2-Pentanone	10.429	43	1978636	241.884	ug/l	99
52) Toluene	10.612	92	542102	47.835	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	353025	48.823	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	359369	48.115	ug/l #	91
55) 1,1,2-Trichloroethane	10.994	97	218430	47.608	ug/l	97
56) Ethyl methacrylate	10.859	69	379344	49.215	ug/l #	91
57) 1,3-Dichloropropane	11.141	76	389041	49.043	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	1012104	268.913	ug/l	99
59) 2-Hexanone	11.176	43	1371155	252.646	ug/l	100
60) Dibromochloromethane	11.341	129	248701	47.530	ug/l	97
61) 1,2-Dibromoethane	11.453	107	236510	49.026	ug/l	95
64) Tetrachloroethene	11.082	164	158751	42.355	ug/l	93
65) Chlorobenzene	11.870	112	604380	46.226	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	208283	46.850	ug/l	99
67) Ethyl Benzene	11.941	91	1073482	49.875	ug/l	99
68) m/p-Xylenes	12.053	106	794573	98.585	ug/l	94
69) o-Xylene	12.376	106	390322	50.698	ug/l	94
70) Styrene	12.394	104	683157	52.748	ug/l	99
71) Bromoform	12.559	173	153501	42.738	ug/l #	96
73) Isopropylbenzene	12.676	105	1011241	53.990	ug/l	98
74) N-amyl acetate	12.500	43	353978m	45.487	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	347537	49.312	ug/l	98
76) 1,2,3-Trichloropropane	12.976	75	286800m	42.977	ug/l	
77) Bromobenzene	12.959	156	239435	49.292	ug/l	97
78) n-propylbenzene	13.017	91	1213888	51.511	ug/l	98
79) 2-Chlorotoluene	13.106	91	743185	51.315	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	853451	53.480	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.717	75	97998	40.181	ug/l	96
82) 4-Chlorotoluene	13.200	91	767539	50.903	ug/l	97
83) tert-Butylbenzene	13.417	119	723749	54.301	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	871046	53.448	ug/l	97
85) sec-Butylbenzene	13.594	105	1039752	51.790	ug/l	99
86) p-Isopropyltoluene	13.706	119	874684	54.365	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	451207	47.329	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	463695	45.541	ug/l	98
89) n-Butylbenzene	14.035	91	836409	54.443	ug/l	99
90) Hexachloroethane	14.312	117	153370	44.991	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	435871	48.261	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	83038	44.877	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	263479	49.664	ug/l	97
94) Hexachlorobutadiene	15.476	225	85980	43.616	ug/l	98
95) Naphthalene	15.617	128	1030862	54.849	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	263139	49.447	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
Data File : VN087593.D
Acq On : 15 Aug 2025 19:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

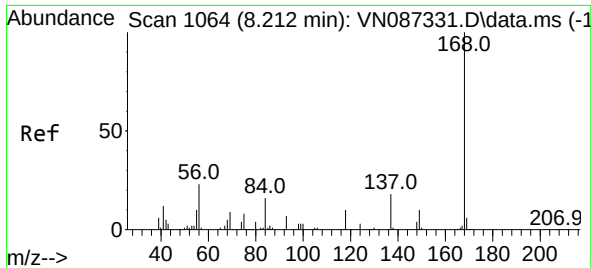
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 05:50:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

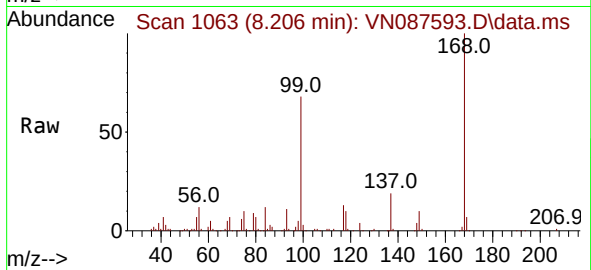
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

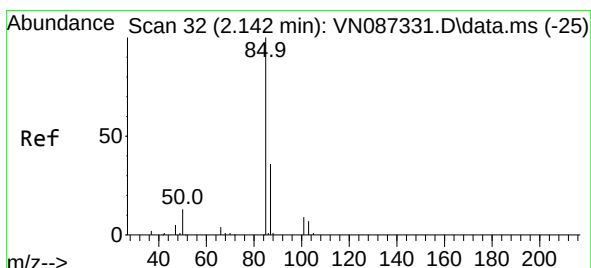
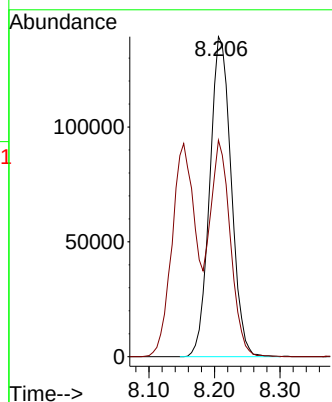
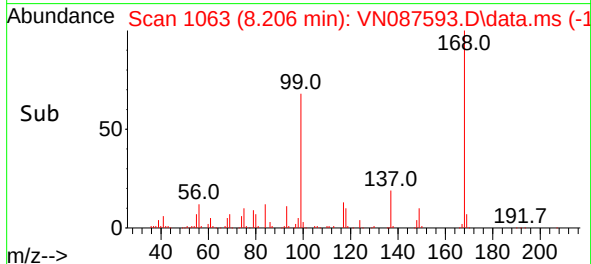
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 316350
Ion Ratio Lower Upper
168 100
99 67.6 47.9 71.9

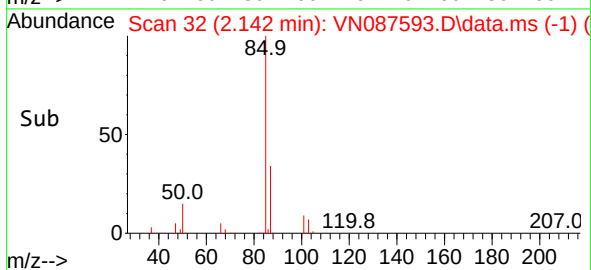
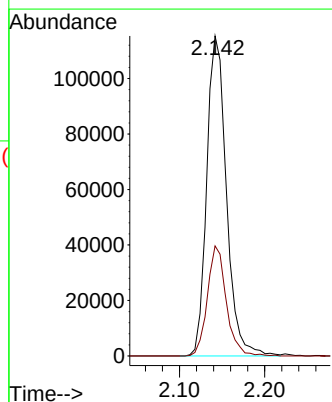
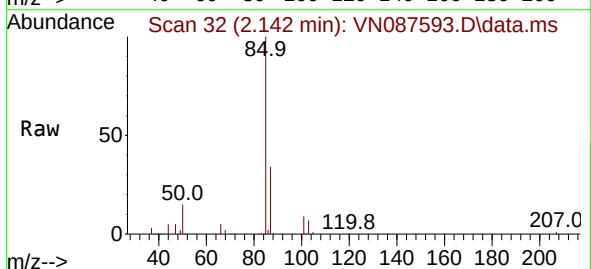
Manual Integrations
APPROVED

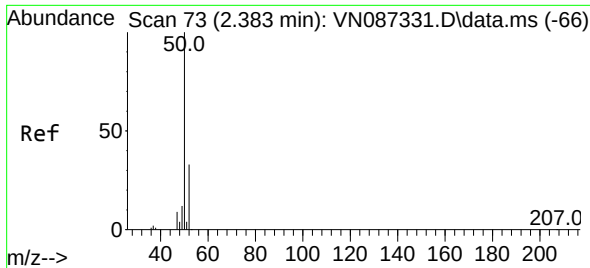
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#2
Dichlorodifluoromethane
Concen: 55.175 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

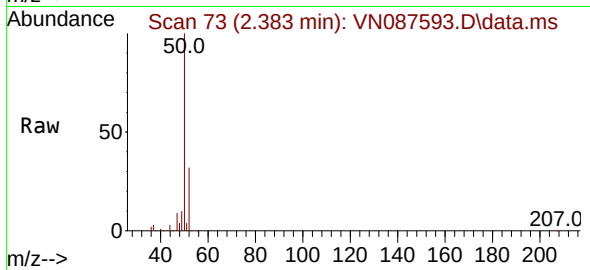
Tgt Ion: 85 Resp: 185393
Ion Ratio Lower Upper
85 100
87 34.4 17.8 53.3





#3
Chloromethane
Concen: 44.490 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

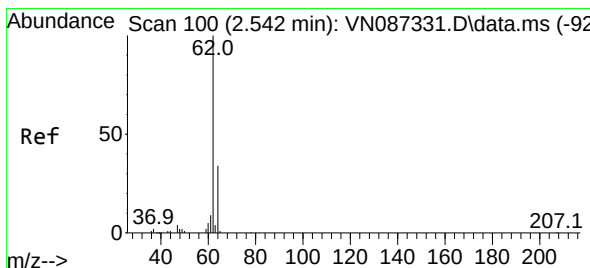
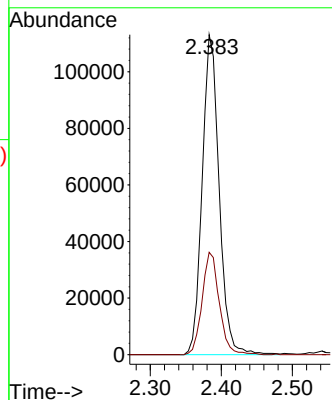
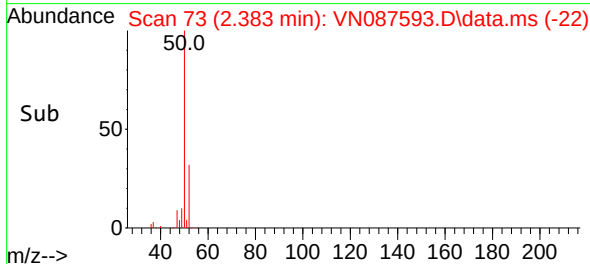
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



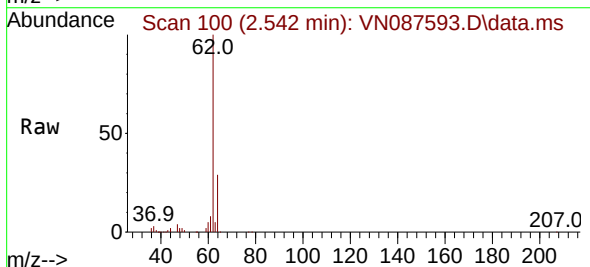
Tgt Ion: 50 Resp: 187990
Ion Ratio Lower Upper
50 100
52 32.0 26.3 39.5

Manual Integrations
APPROVED

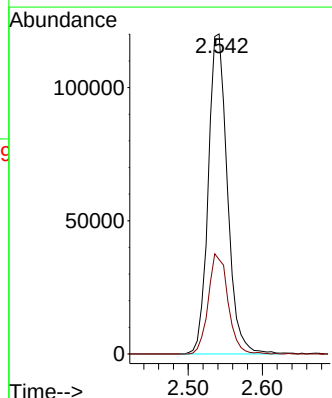
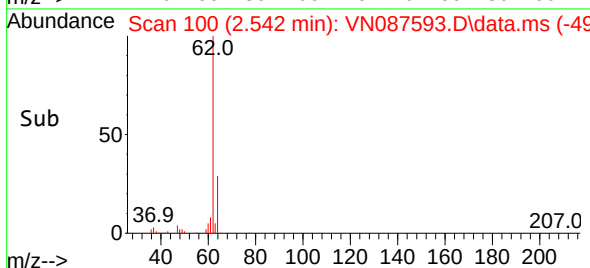
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

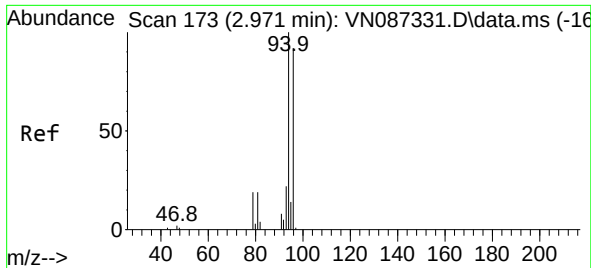


#4
Vinyl Chloride
Concen: 51.223 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



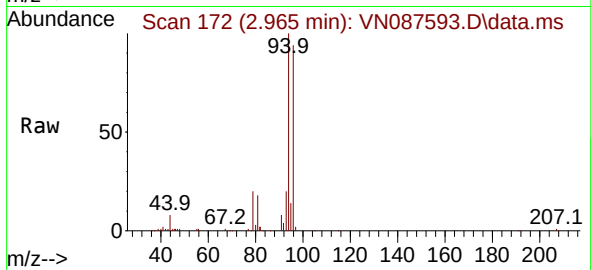
Tgt Ion: 62 Resp: 215094
Ion Ratio Lower Upper
62 100
64 29.5 27.0 40.6





#5
Bromomethane
Concen: 61.233 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

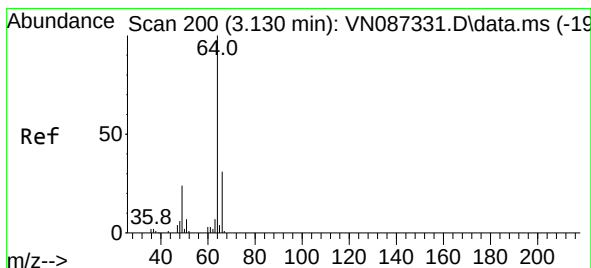
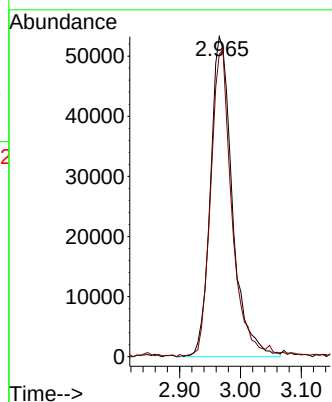
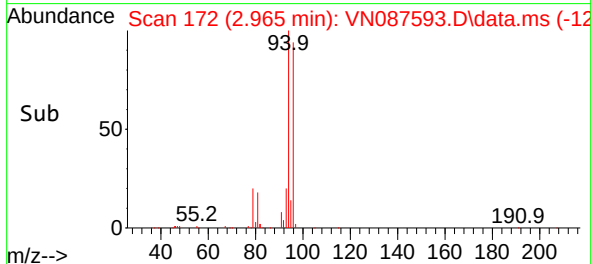
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 133154
Ion Ratio Lower Upper
94 100
96 93.8 73.4 110.2

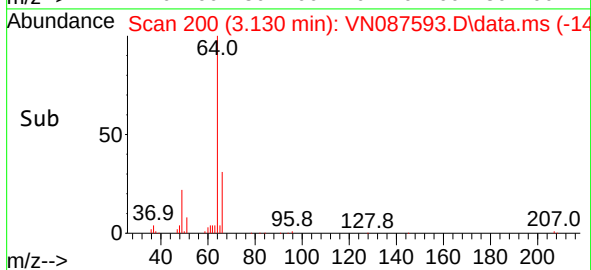
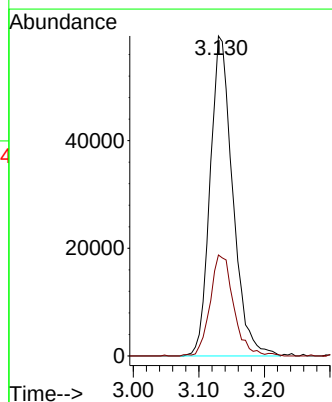
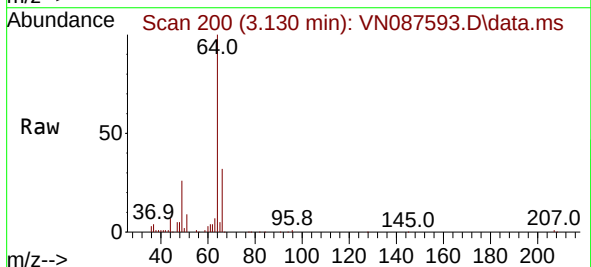
Manual Integrations
APPROVED

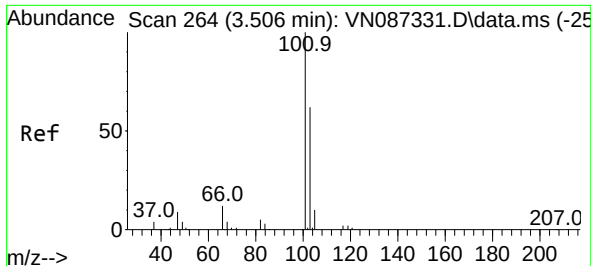
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#6
Chloroethane
Concen: 51.912 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

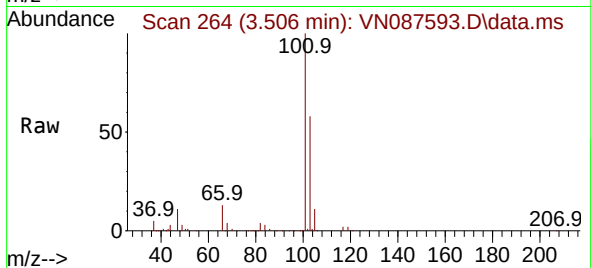
Tgt Ion: 64 Resp: 142160
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 53.682 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

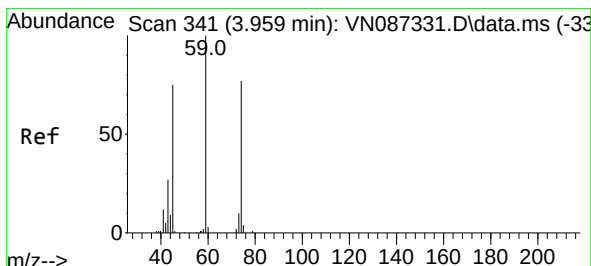
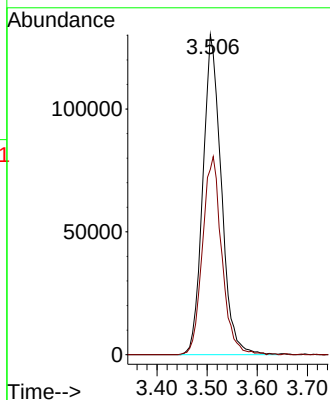
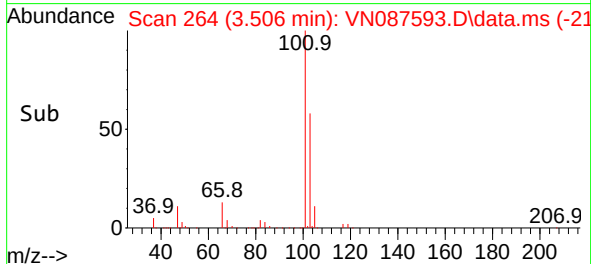
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 333325
 Ion Ratio Lower Upper
 101 100
 103 58.0 49.8 74.6

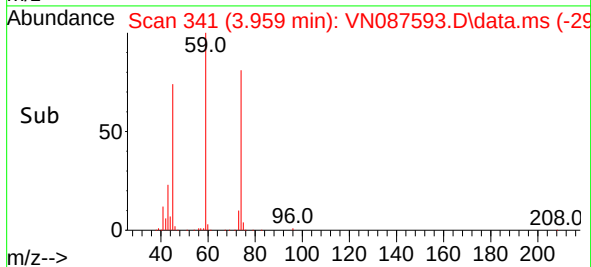
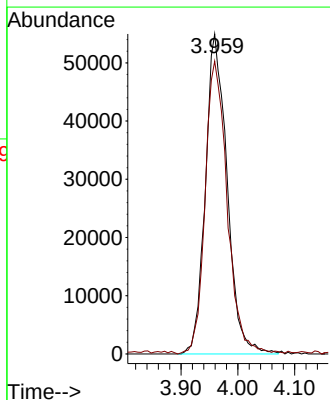
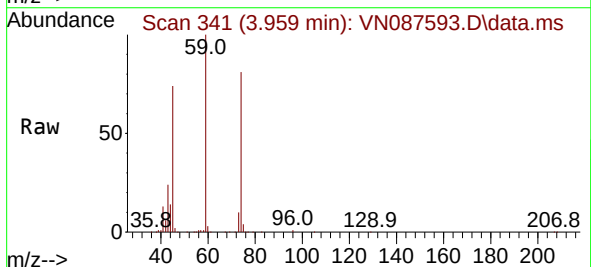
Manual Integrations
 APPROVED

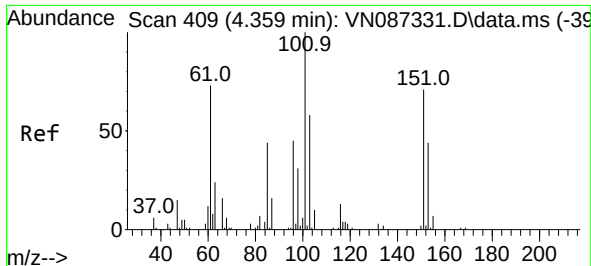
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#8
 Diethyl Ether
 Concen: 60.438 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

Tgt Ion: 74 Resp: 145573
 Ion Ratio Lower Upper
 74 100
 45 93.2 50.8 152.5





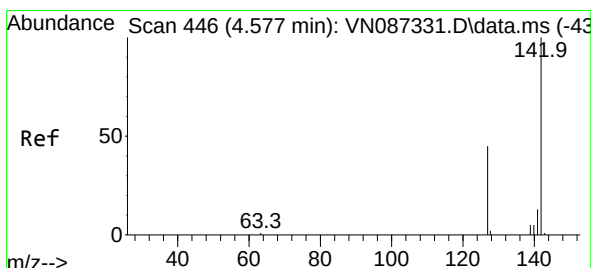
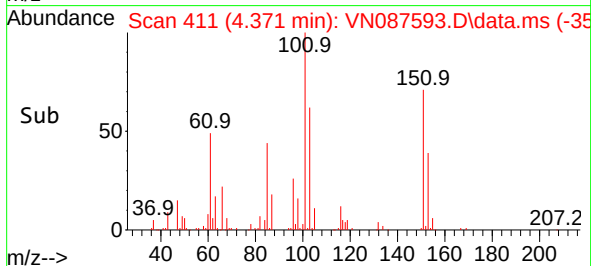
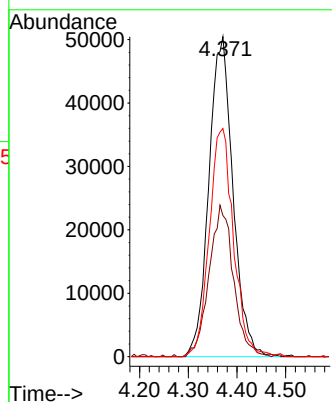
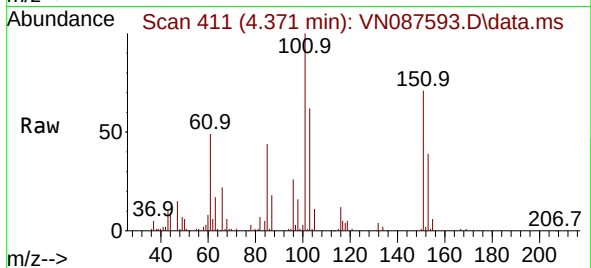
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.335 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 173190
Ion Ratio Lower Upper
101 100
85 47.8 37.3 55.9
151 71.8 58.9 88.3

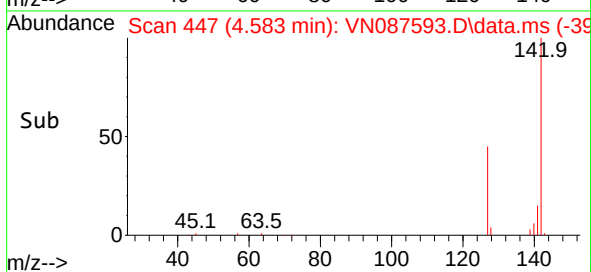
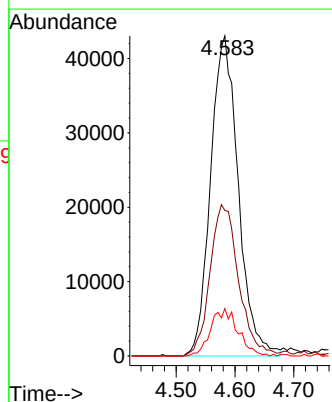
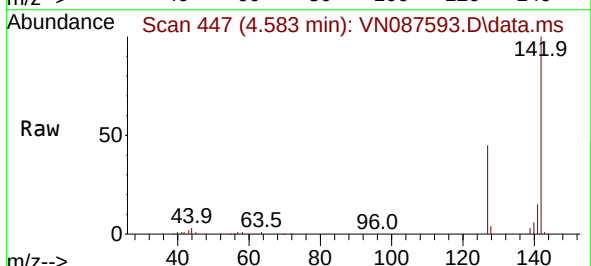
Manual Integrations
APPROVED

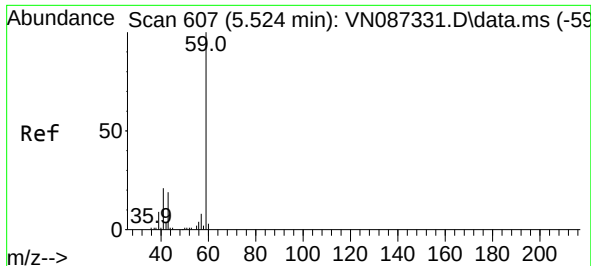
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 43.714 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

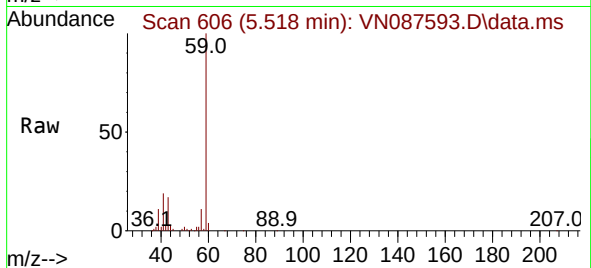
Tgt Ion:142 Resp: 140728
Ion Ratio Lower Upper
142 100
127 45.4 35.7 53.5
141 14.8 10.4 15.6





#11
Tert butyl alcohol
Concen: 269.000 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

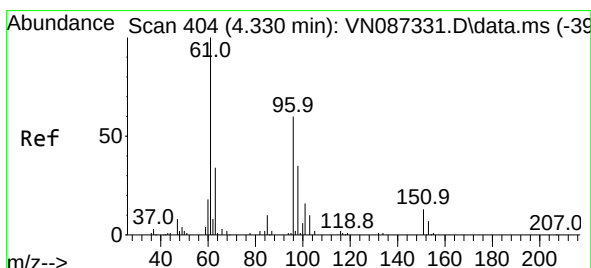
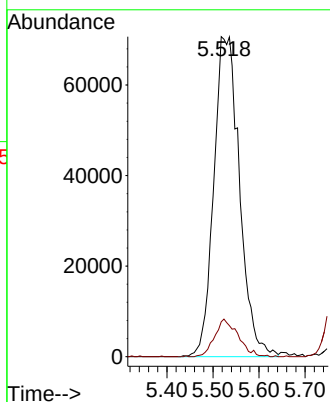
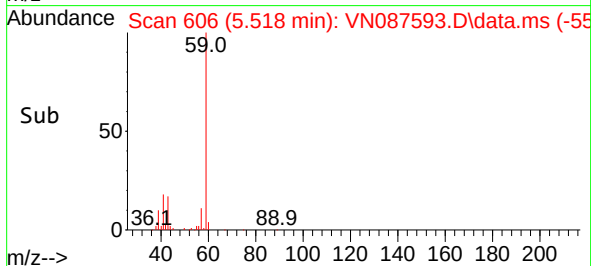
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 27417
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

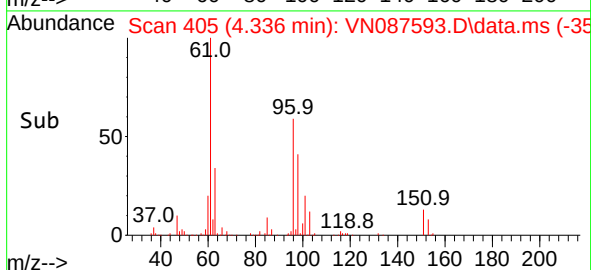
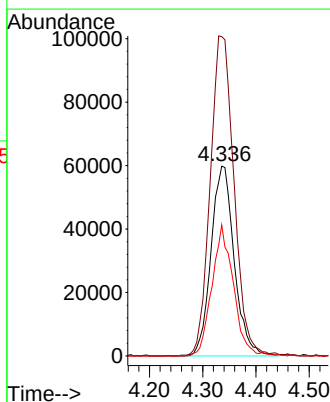
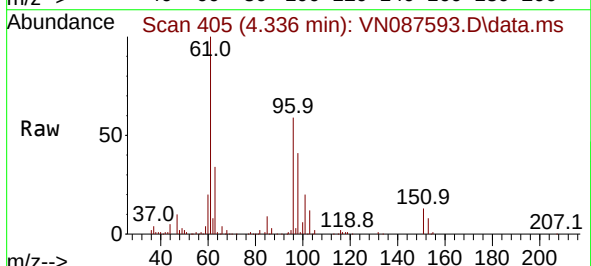
Manual Integrations
APPROVED

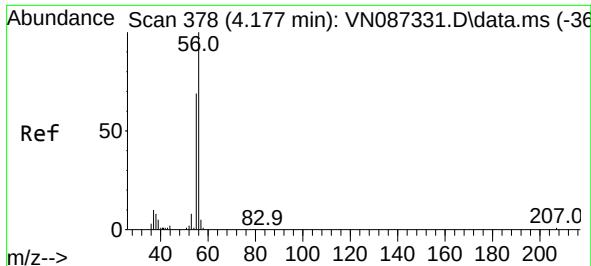
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#12
1,1-Dichloroethene
Concen: 50.152 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

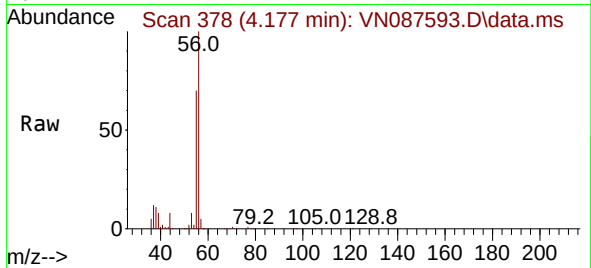
Tgt Ion: 96 Resp: 181150
Ion Ratio Lower Upper
96 100
61 168.2 132.3 198.5
98 69.1 46.8 70.2





#13
Acrolein
Concen: 201.965 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

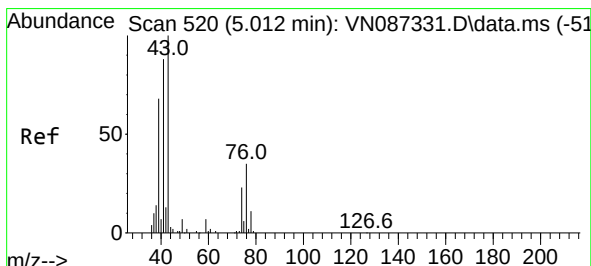
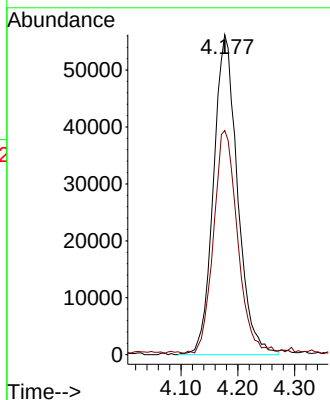
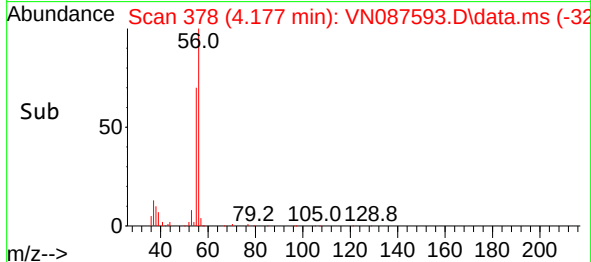
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16520
Ion Ratio Lower Upper
56 100
55 69.9 56.2 84.4

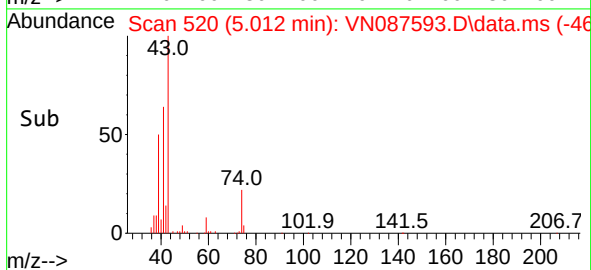
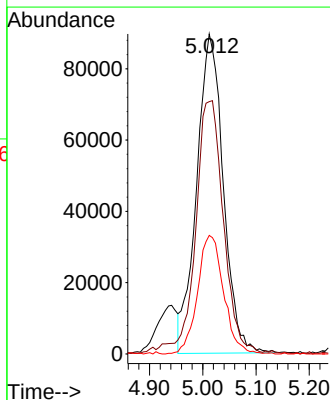
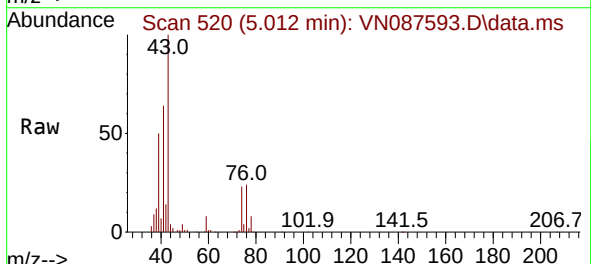
Manual Integrations
APPROVED

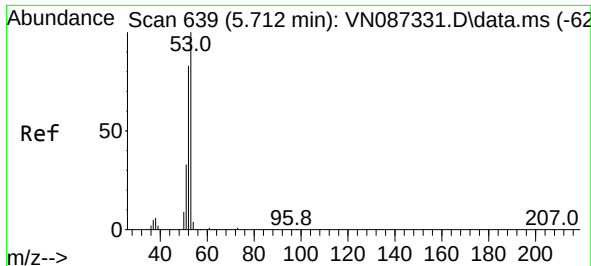
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 47.618 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

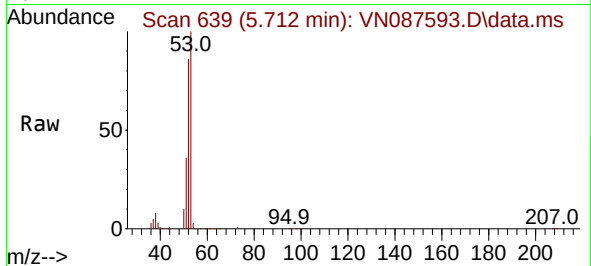
Tgt Ion: 41 Resp: 311272
Ion Ratio Lower Upper
41 100
39 82.8 59.0 88.6
76 36.3 28.7 43.1





#15
Acrylonitrile
Concen: 247.488 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

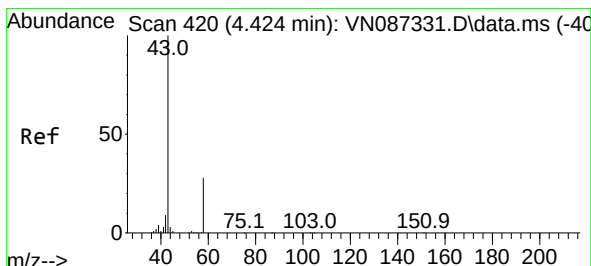
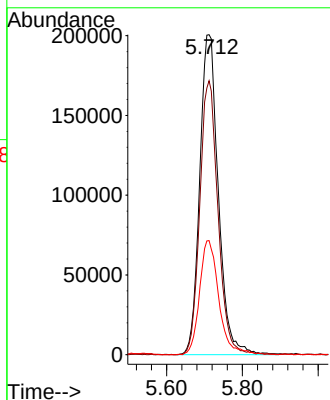
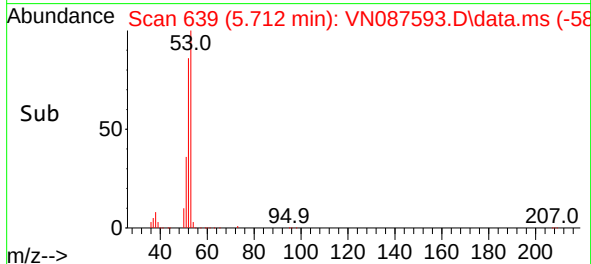
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 68451
Ion Ratio Lower Upper
53 100
52 83.2 65.5 98.3
51 37.0 28.7 43.1

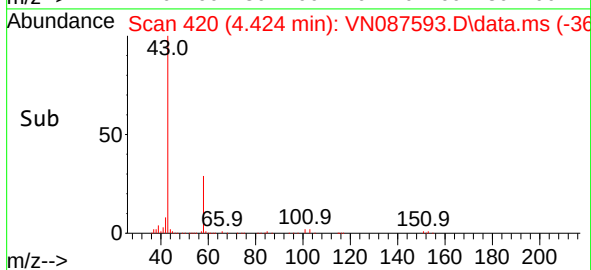
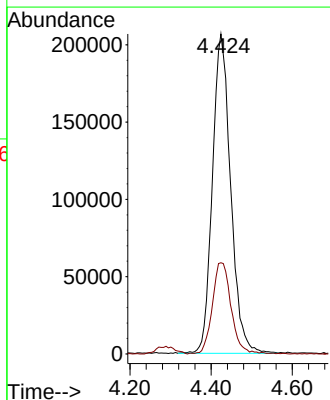
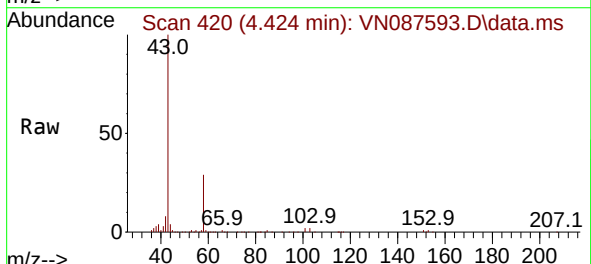
Manual Integrations
APPROVED

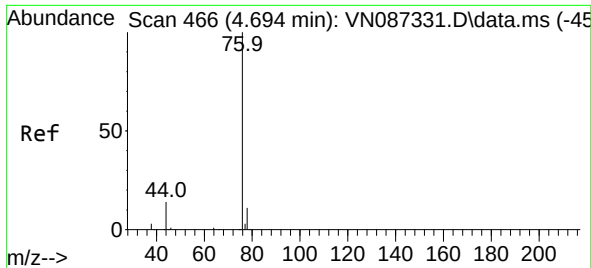
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 256.181 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

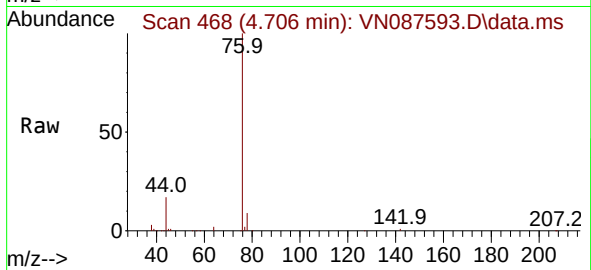
Tgt Ion: 43 Resp: 644769
Ion Ratio Lower Upper
43 100
58 28.4 22.3 33.5





#17
Carbon Disulfide
Concen: 41.615 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

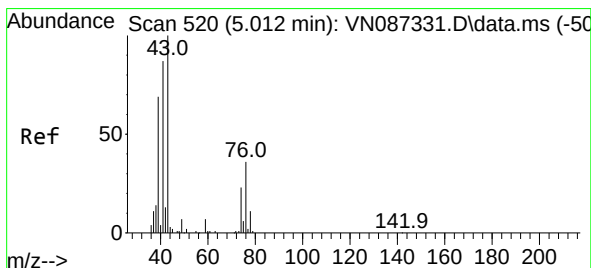
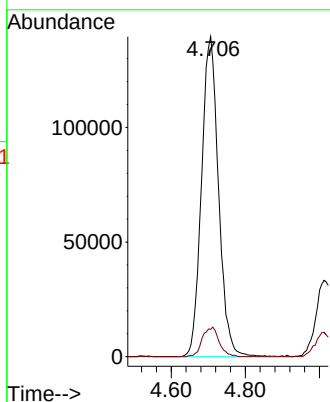
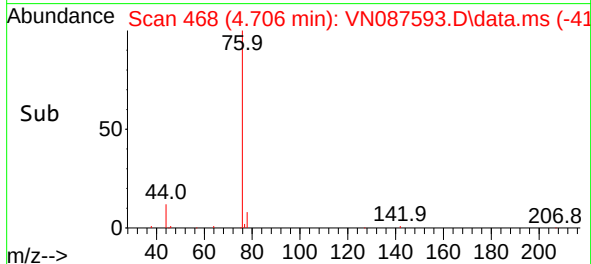
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



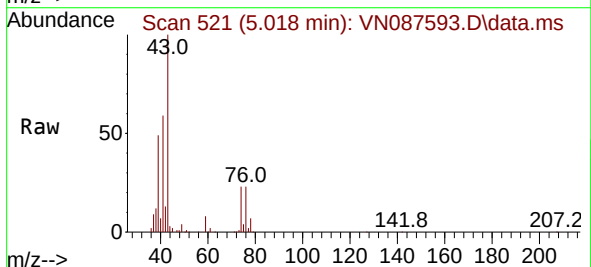
Tgt Ion: 76 Resp: 44564
Ion Ratio Lower Upper
76 100
78 8.6 8.6 13.0

Manual Integrations
APPROVED

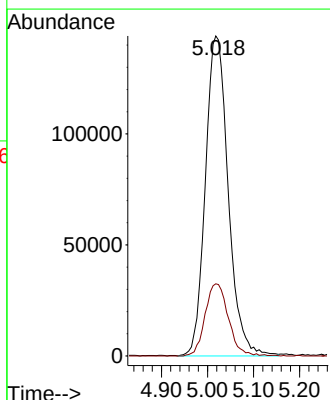
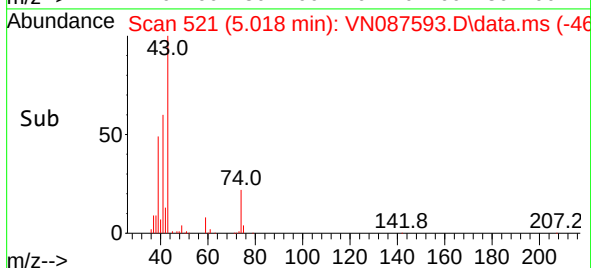
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

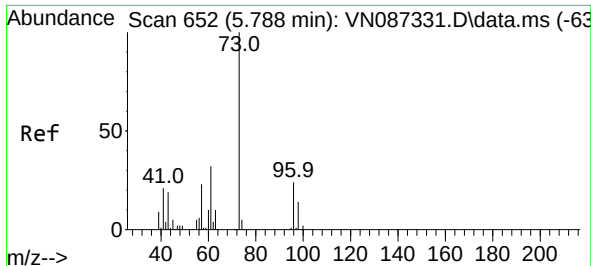


#18
Methyl Acetate
Concen: 78.662 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



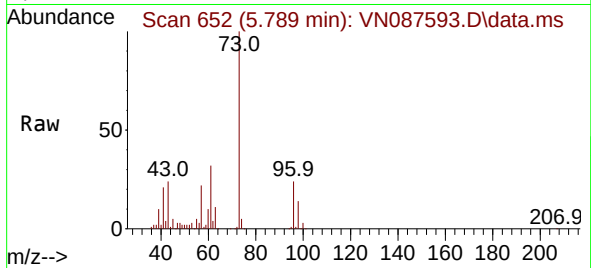
Tgt Ion: 43 Resp: 497401
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 58.161 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

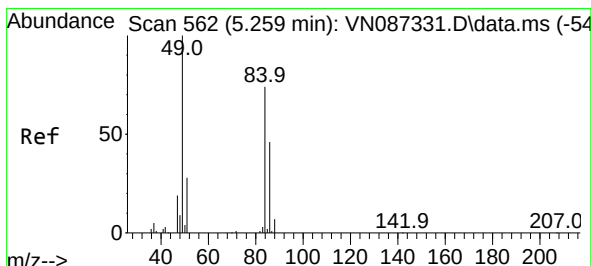
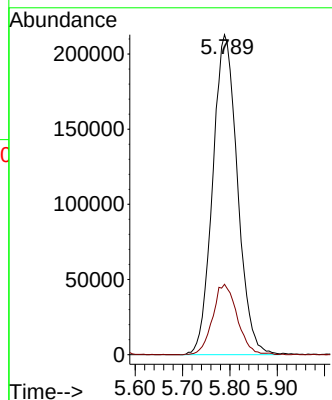
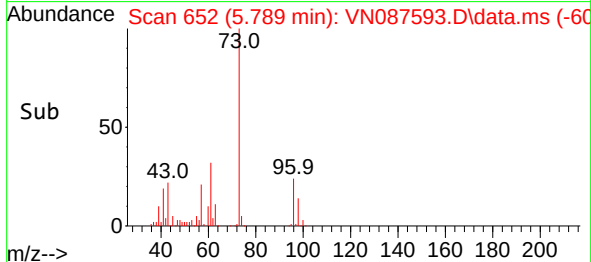
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 774329
Ion Ratio Lower Upper
73 100
57 22.0 18.6 27.8

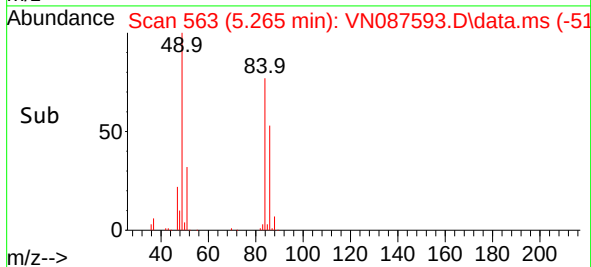
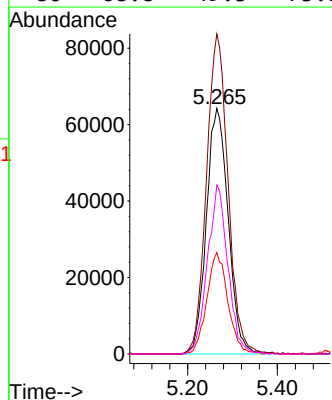
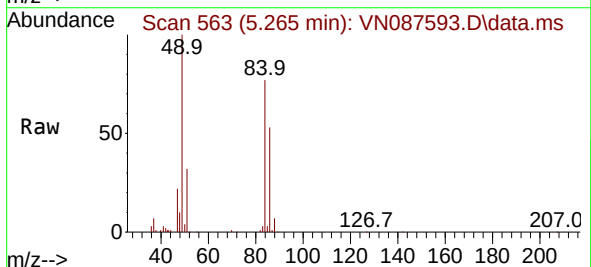
Manual Integrations
APPROVED

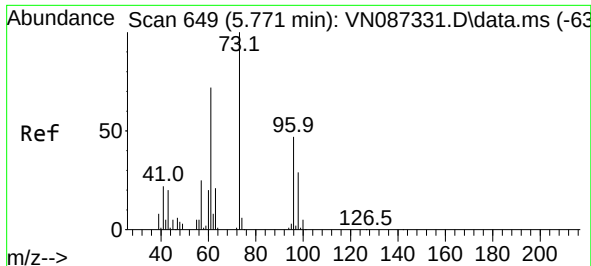
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 51.129 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

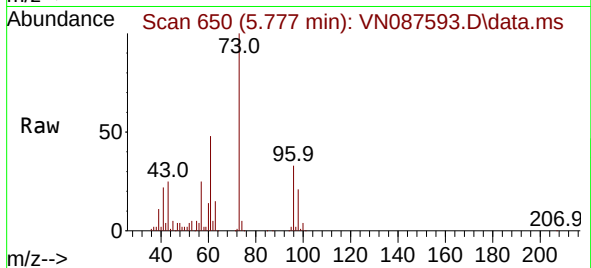
Tgt Ion: 84 Resp: 217473
Ion Ratio Lower Upper
84 100
49 130.3 107.5 161.3
51 41.3 30.2 45.2
86 68.8 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 48.474 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

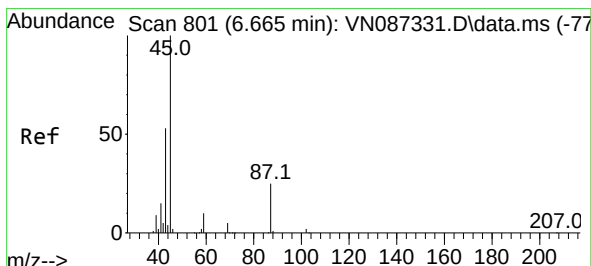
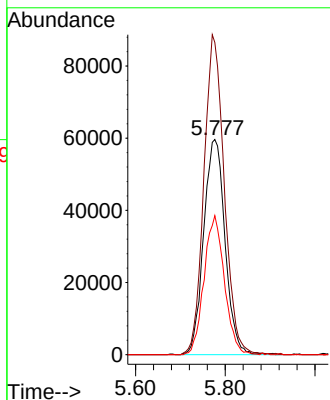
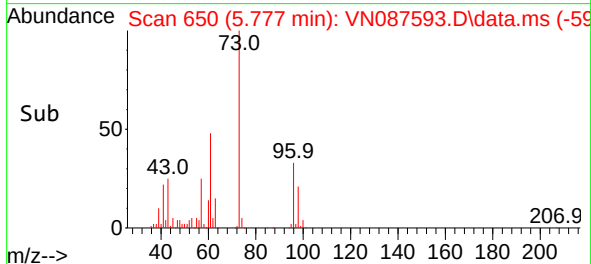
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 19742
Ion Ratio Lower Upper
96 100
61 145.1 122.0 183.0
98 64.6 50.0 75.0

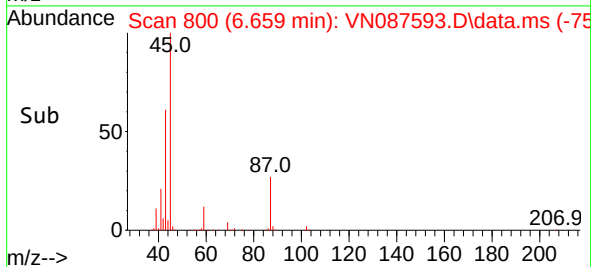
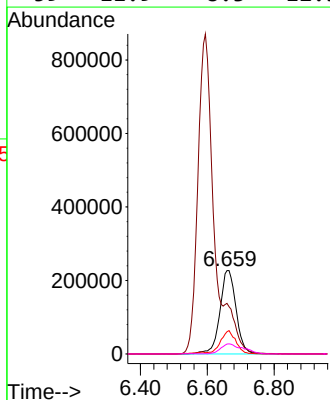
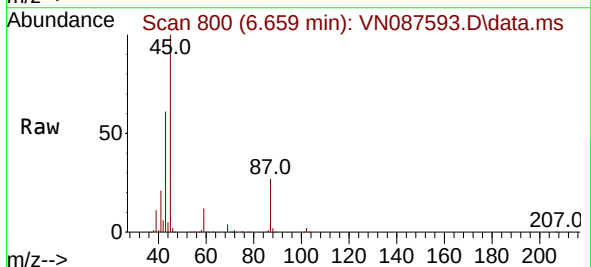
Manual Integrations
APPROVED

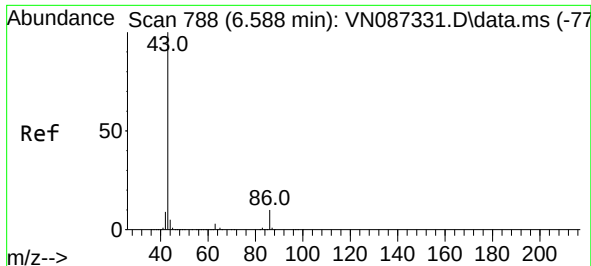
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 55.611 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

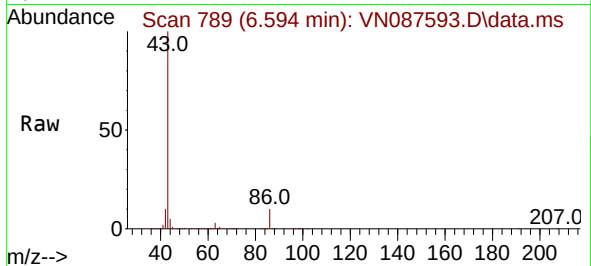
Tgt Ion: 45 Resp: 762521
Ion Ratio Lower Upper
45 100
43 60.4 42.8 64.2
87 26.8 19.8 29.6
59 11.9 8.3 12.5





#23
 Vinyl Acetate
 Concen: 220.031 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

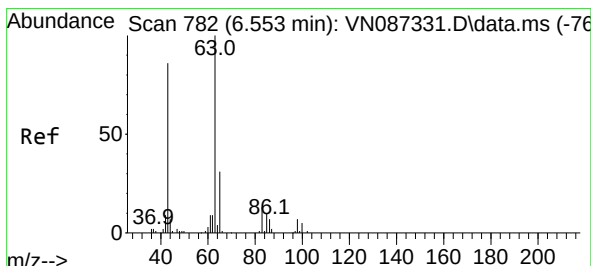
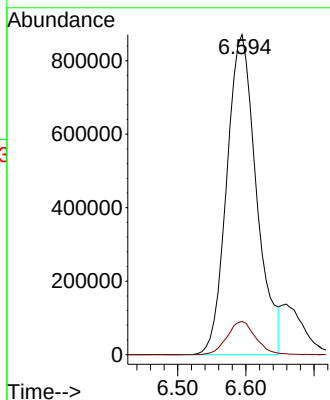
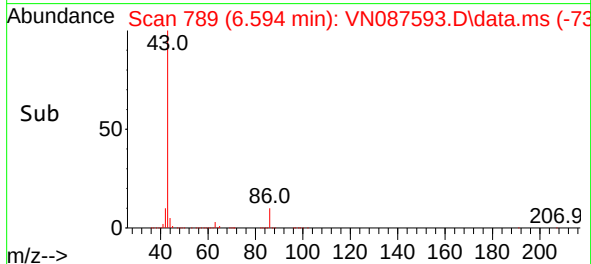
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 263863
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.7 11.5

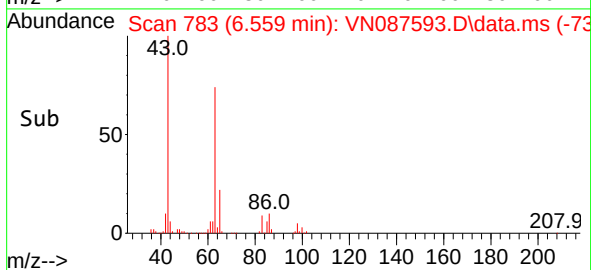
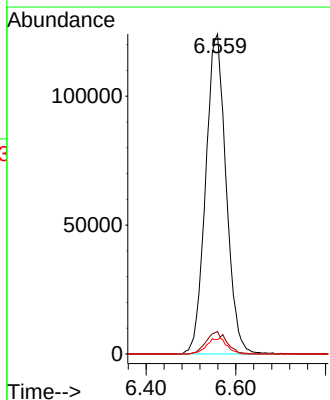
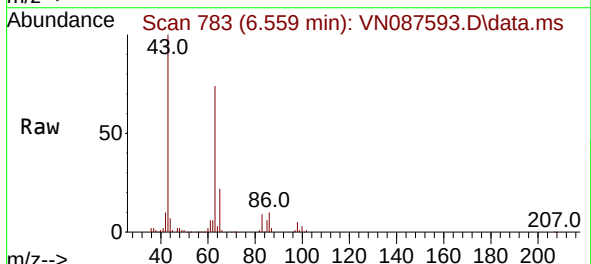
Manual Integrations
 APPROVED

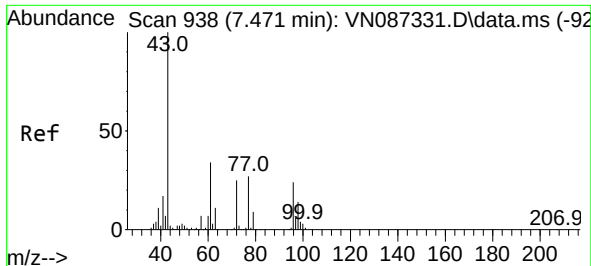
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#24
 1,1-Dichloroethane
 Concen: 49.632 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

Tgt Ion: 63 Resp: 392618
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.6 2.5 7.4





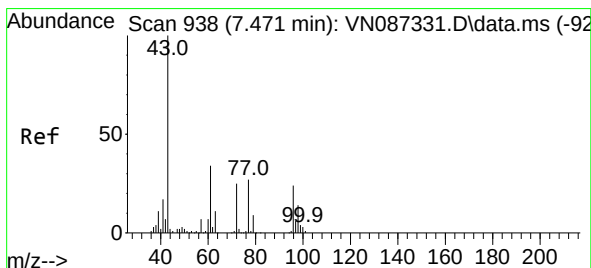
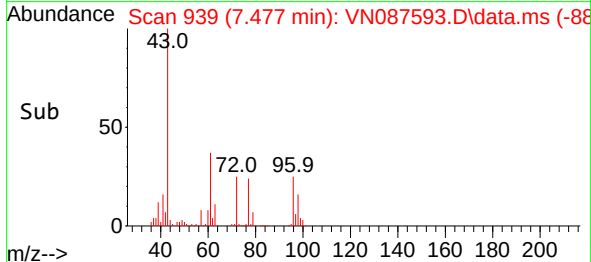
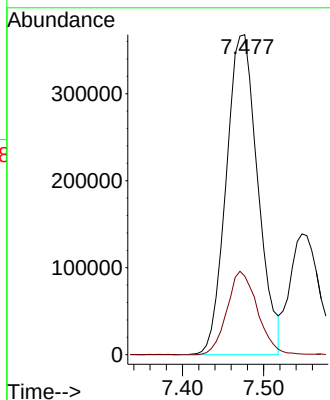
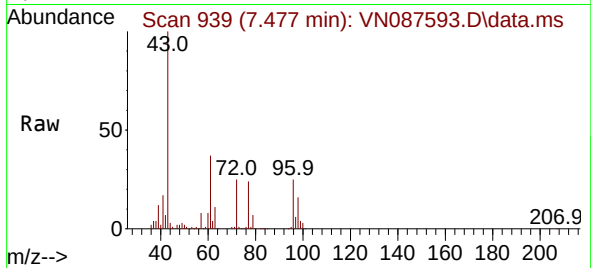
#25
2-Butanone
Concen: 256.148 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 99610
Ion Ratio Lower Upper
43 100
72 24.6 19.6 29.4

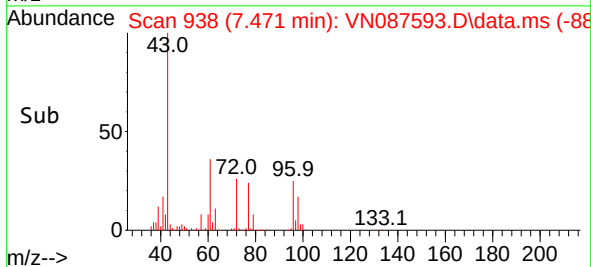
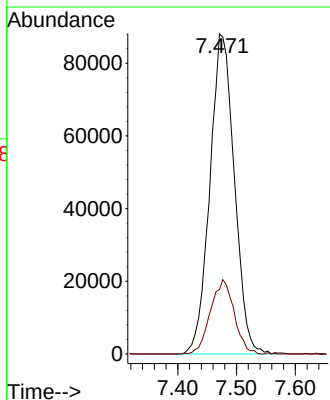
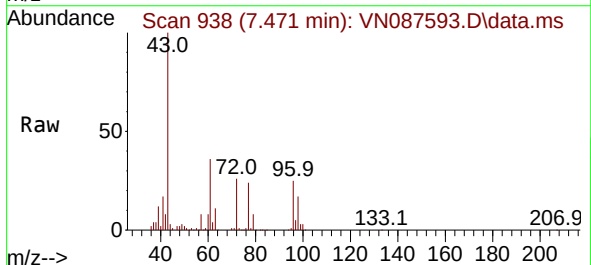
Manual Integrations
APPROVED

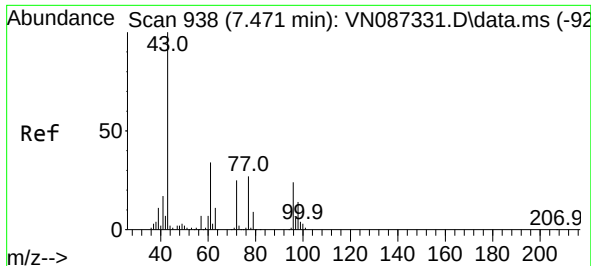
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 41.435 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

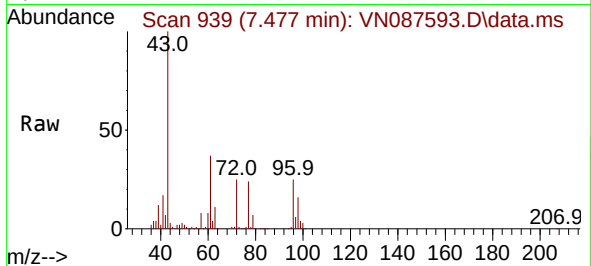
Tgt Ion: 77 Resp: 254838
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 53.406 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

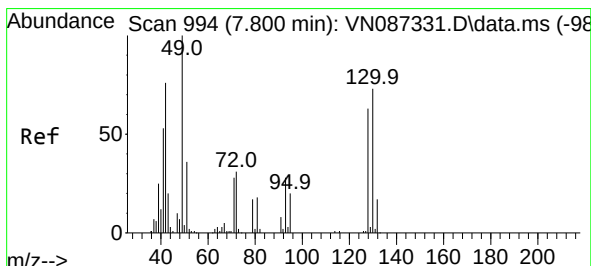
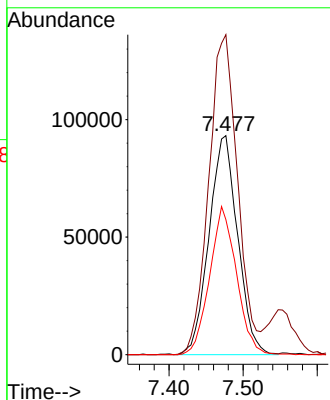
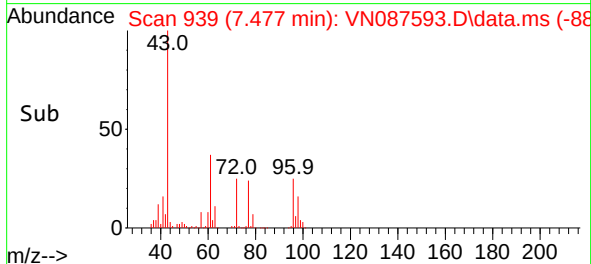
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 25041
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 297.8
 98 63.4 0.0 132.4

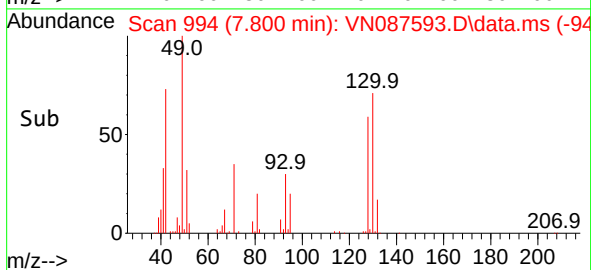
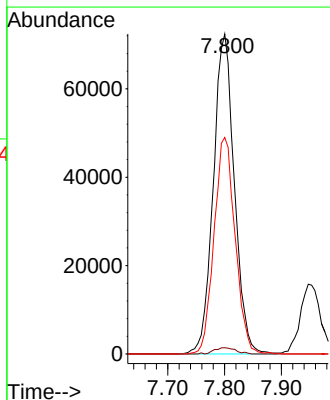
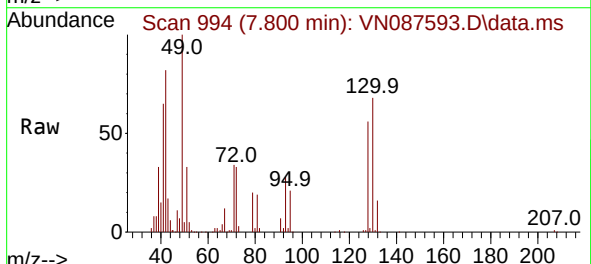
Manual Integrations
 APPROVED

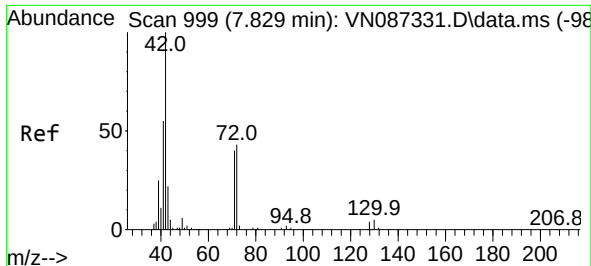
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#28
 Bromochloromethane
 Concen: 49.226 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

Tgt Ion: 49 Resp: 186367
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 67.8 57.3 85.9





#29

Tetrahydrofuran

Concen: 255.130 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

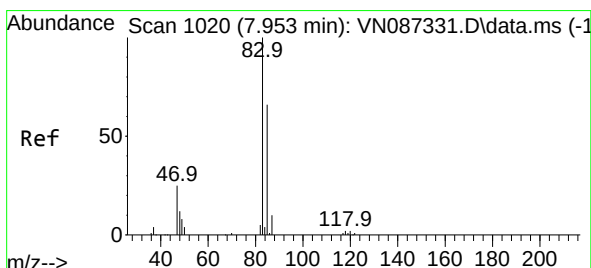
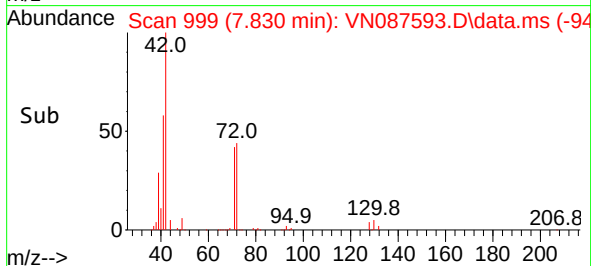
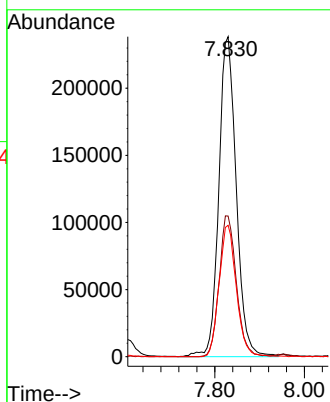
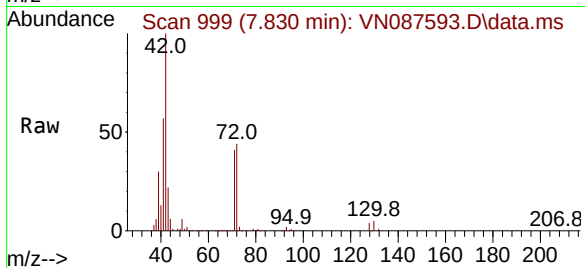
Tgt Ion:	42	Resp:	64452
Ion Ratio	Lower	Upper	
42	100		
72	43.4	33.4	50.0
71	40.6	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#30

Chloroform

Concen: 54.091 ug/l

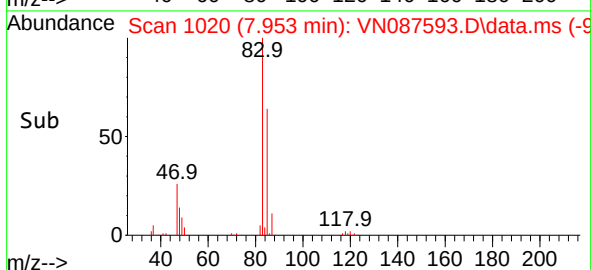
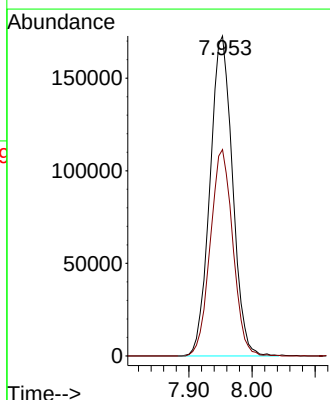
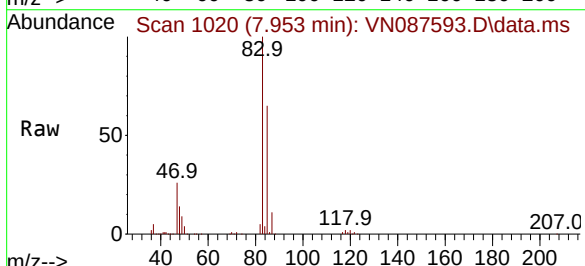
RT: 7.953 min Scan# 1020

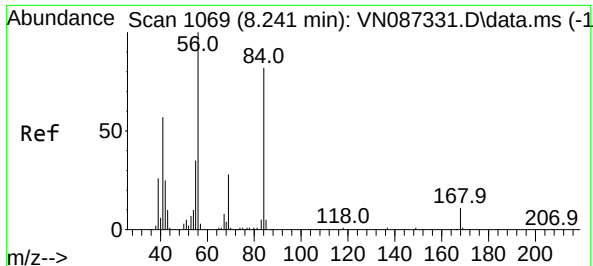
Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

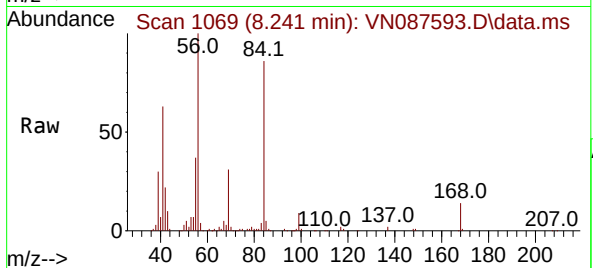
Tgt Ion:	83	Resp:	428288
Ion Ratio	Lower	Upper	
83	100		
85	64.5	52.7	79.1





#31
Cyclohexane
Concen: 46.691 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

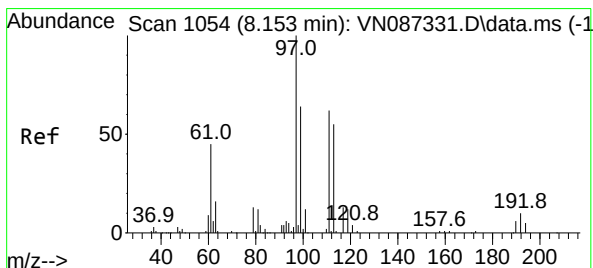
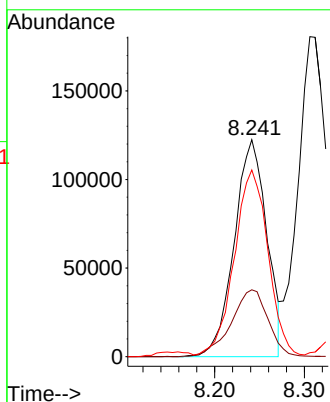
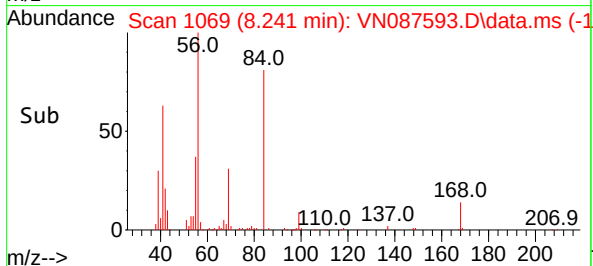
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



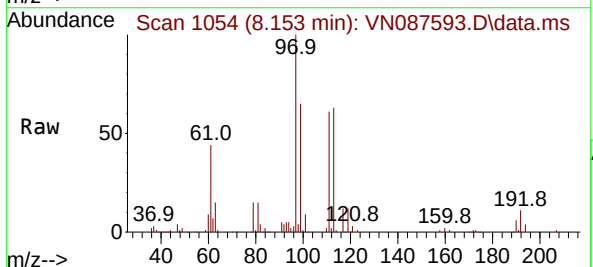
Tgt Ion: 56 Resp: 30812
Ion Ratio Lower Upper
56 100
69 30.8 22.7 34.1
84 83.9 65.8 98.6

Manual Integrations
APPROVED

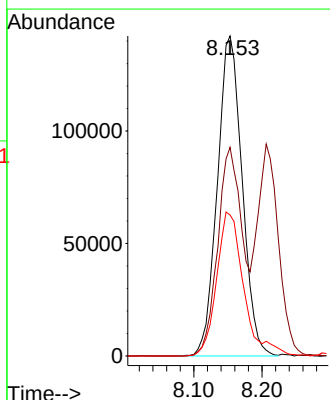
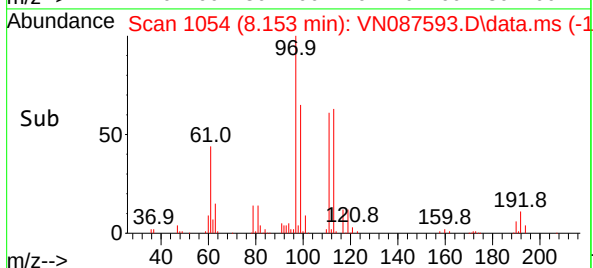
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

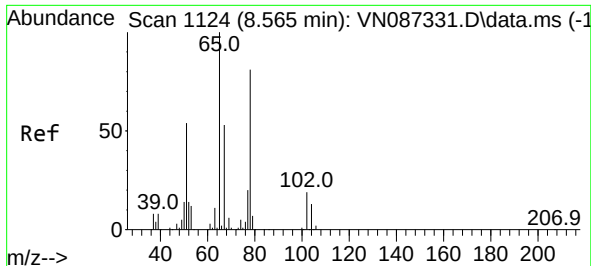


#32
1,1,1-Trichloroethane
Concen: 52.512 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



Tgt Ion: 97 Resp: 360123
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.8
61 49.1 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 58.193 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 312372

Ion Ratio Lower Upper

65 100

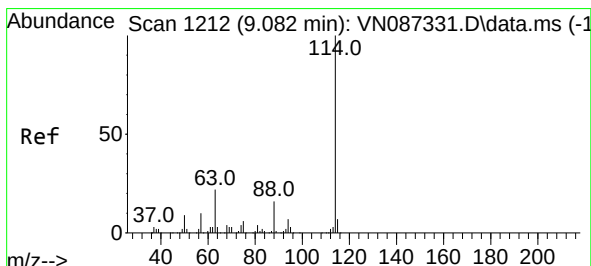
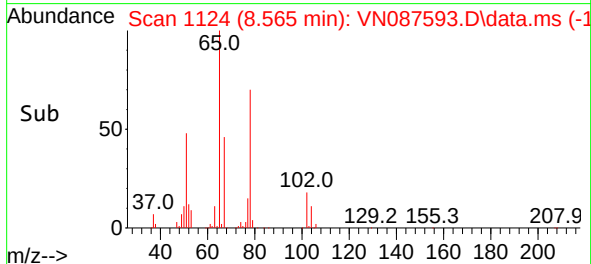
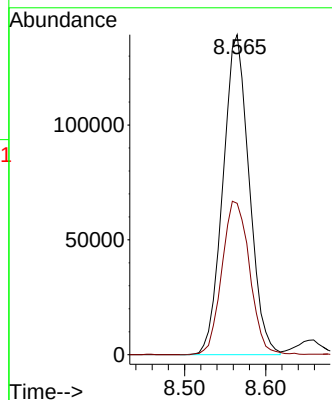
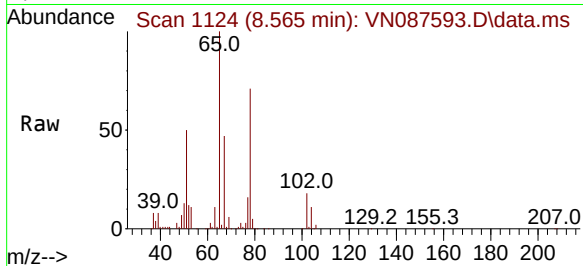
67 50.8 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

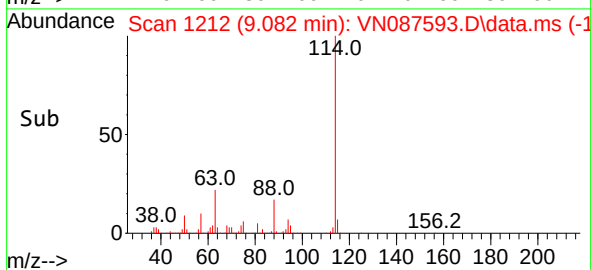
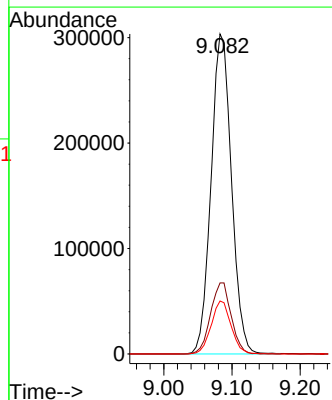
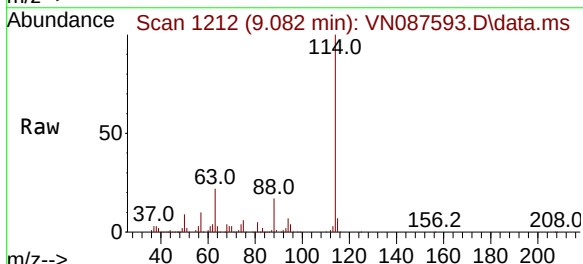
Tgt Ion:114 Resp: 633002

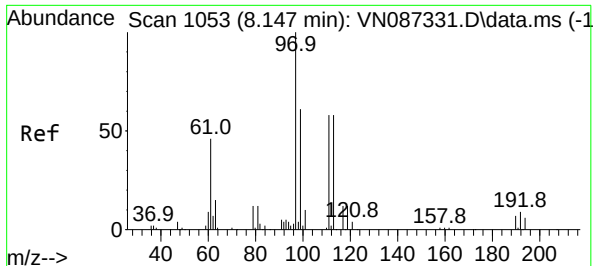
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.238 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 21499

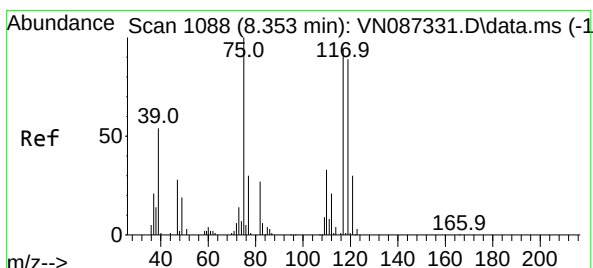
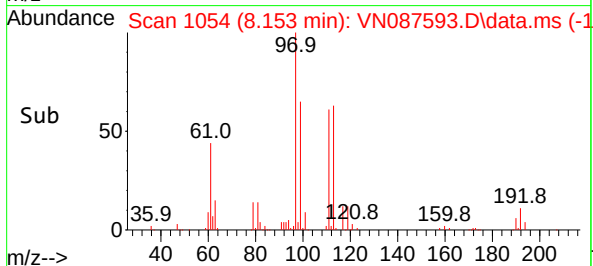
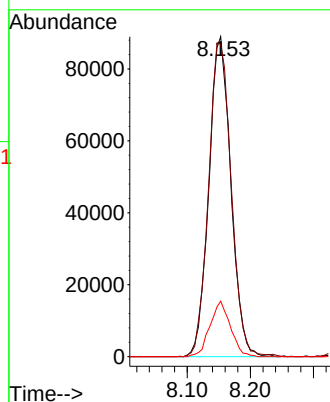
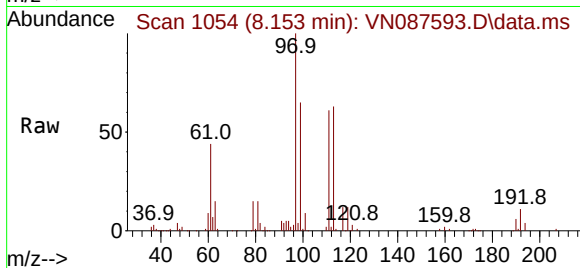
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.5	123.7
192	16.2	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#36

1,1-Dichloropropene

Concen: 47.575 ug/l

RT: 8.353 min Scan# 1088

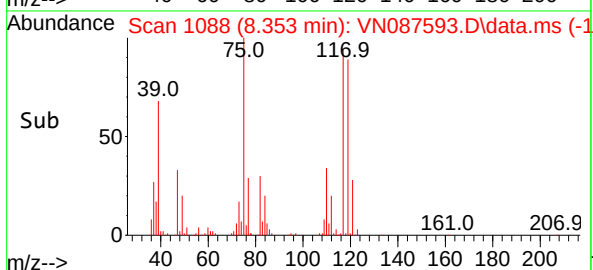
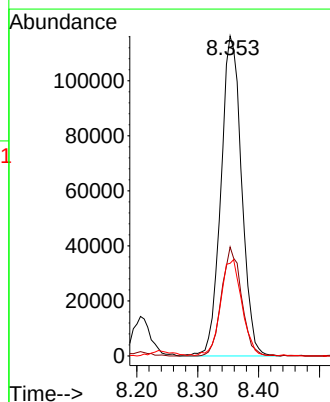
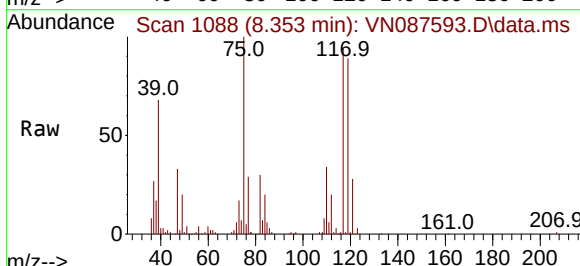
Delta R.T. 0.000 min

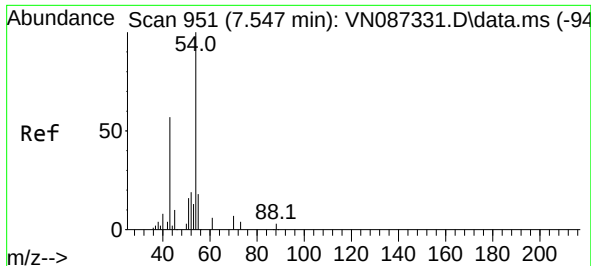
Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Tgt Ion: 75 Resp: 274451

Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.7	50.1
77	31.2	25.2	37.8





#37

Ethyl Acetate

Concen: 43.931 ug/l

RT: 7.547 min Scan# 951

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 36601

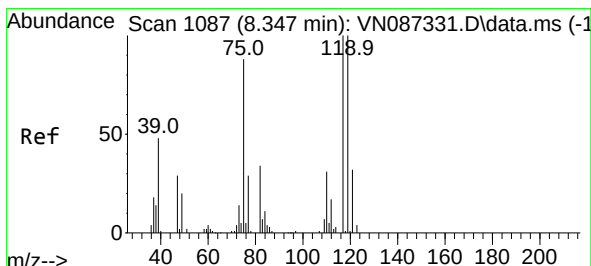
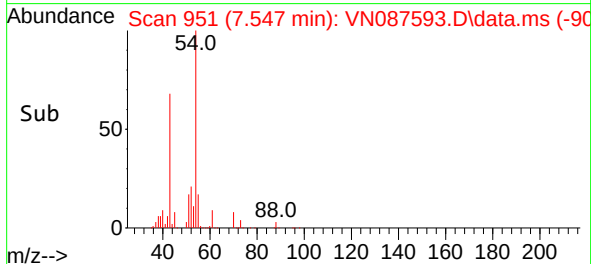
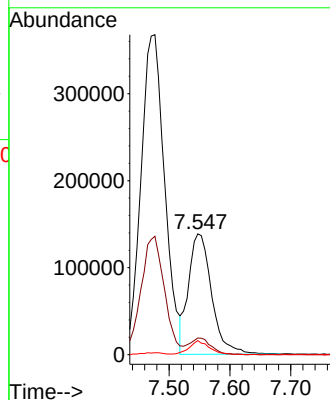
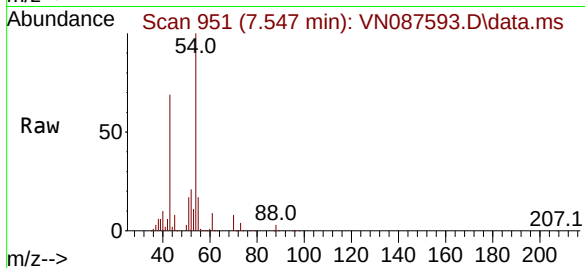
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.9	16.3
70	10.2	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#38

Carbon Tetrachloride

Concen: 45.858 ug/l

RT: 8.347 min Scan# 1087

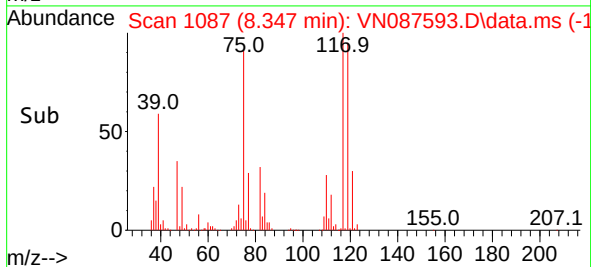
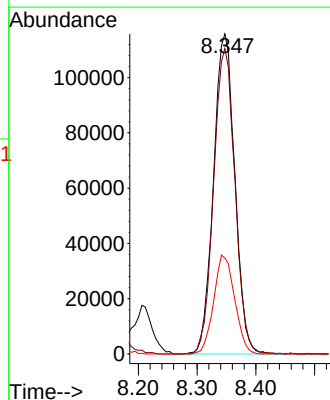
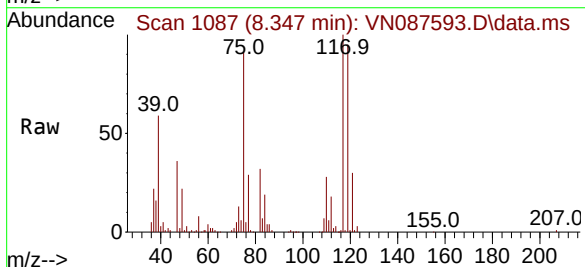
Delta R.T. 0.000 min

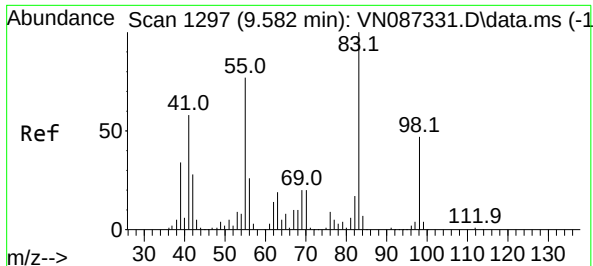
Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Tgt Ion:117 Resp: 291423

Ion	Ratio	Lower	Upper
117	100		
119	95.5	80.2	120.2
121	30.0	25.4	38.2





#39

Methylcyclohexane

Concen: 47.475 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 29651

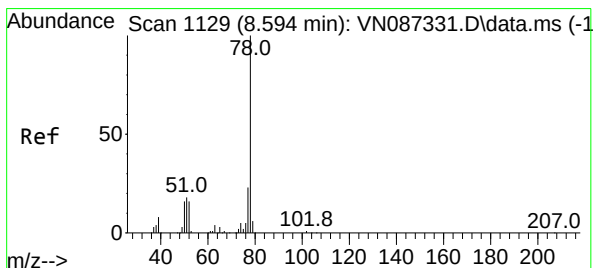
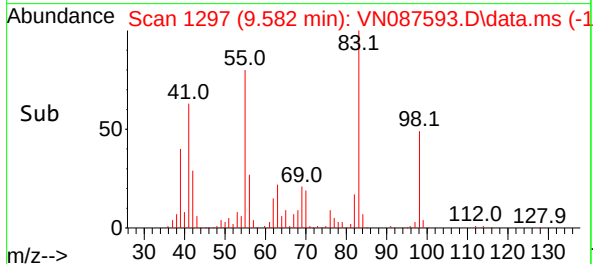
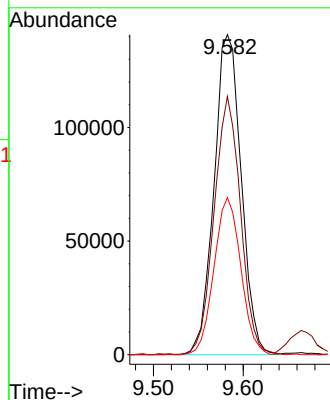
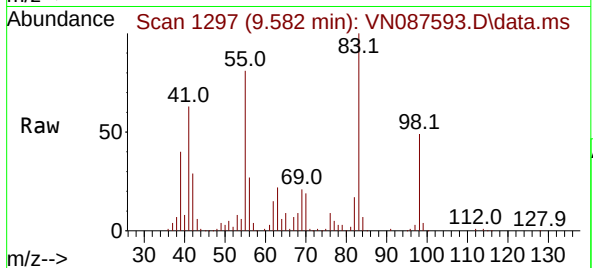
Ion	Ratio	Lower	Upper
83	100		
55	80.5	61.3	91.9
98	49.1	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 47.264 ug/l

RT: 8.588 min Scan# 1128

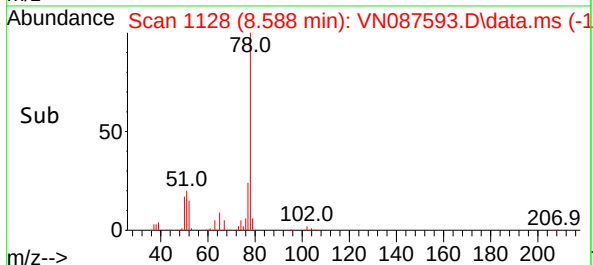
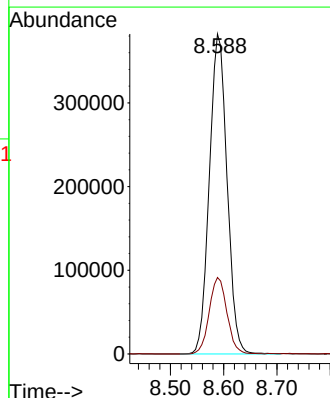
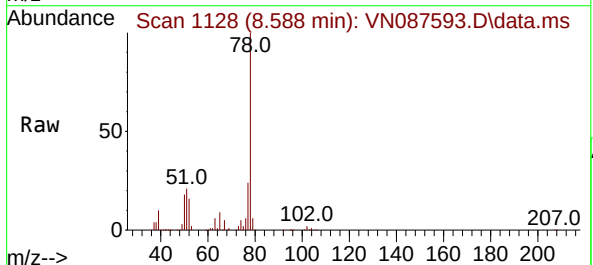
Delta R.T. -0.006 min

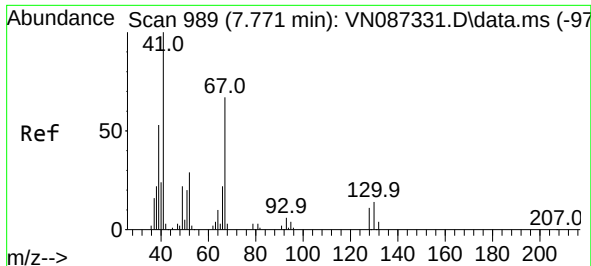
Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Tgt Ion: 78 Resp: 881228

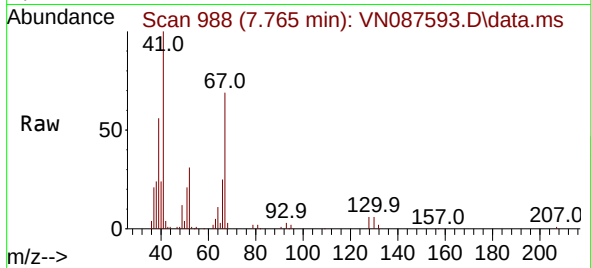
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.2	27.2





#41
Methacrylonitrile
Concen: 50.183 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

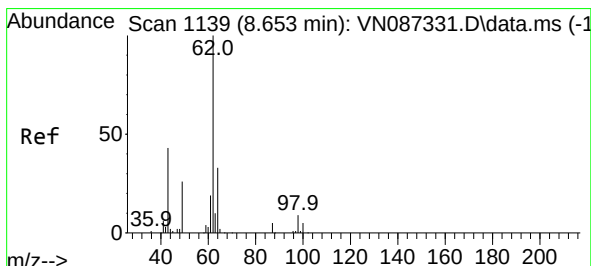
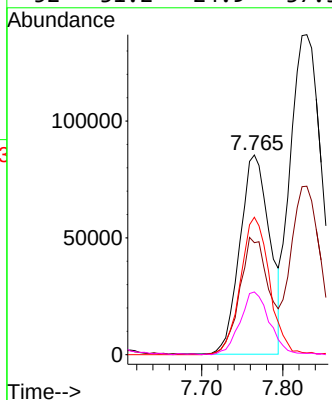
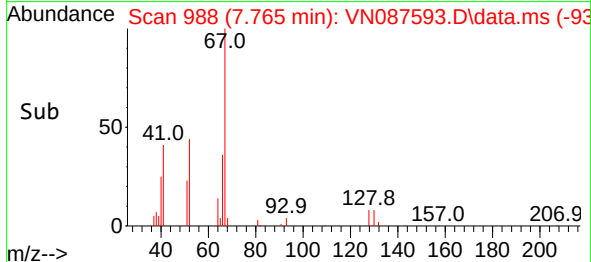
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 21861
Ion Ratio Lower Upper
41 100
39 57.0 43.4 65.0
67 67.6 55.1 82.7
52 31.2 24.9 37.3

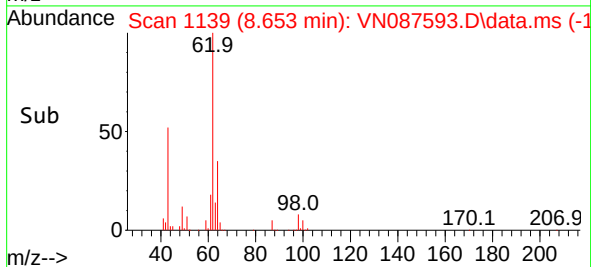
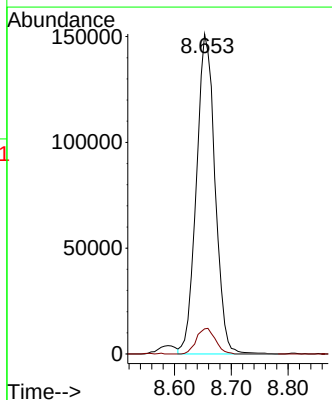
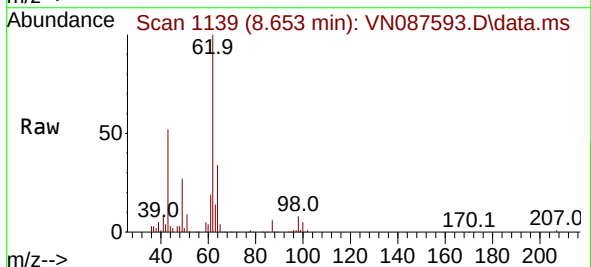
Manual Integrations
APPROVED

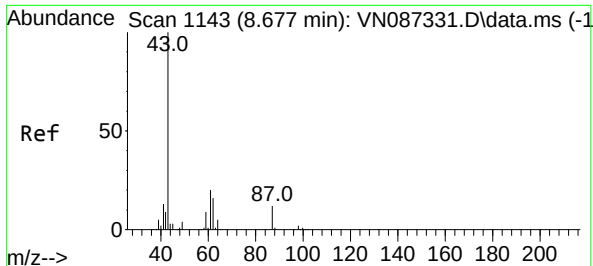
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 48.721 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

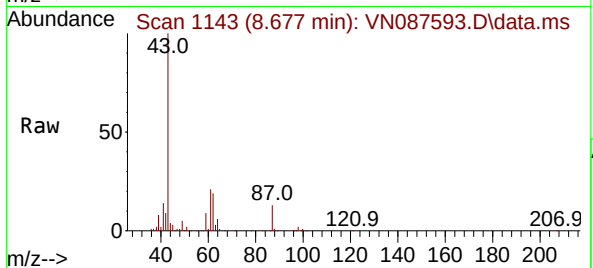
Tgt Ion: 62 Resp: 344487
Ion Ratio Lower Upper
62 100
98 8.2 0.0 18.0





#43
Isopropyl Acetate
Concen: 49.132 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

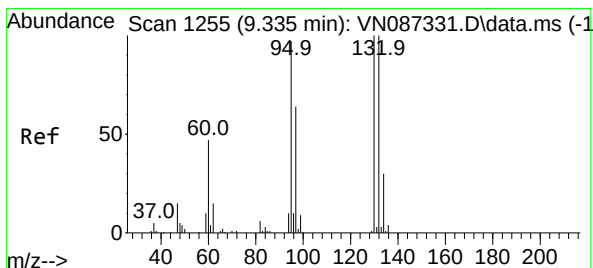
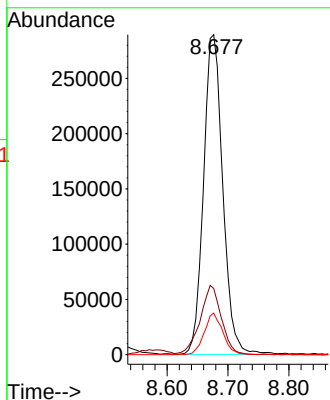
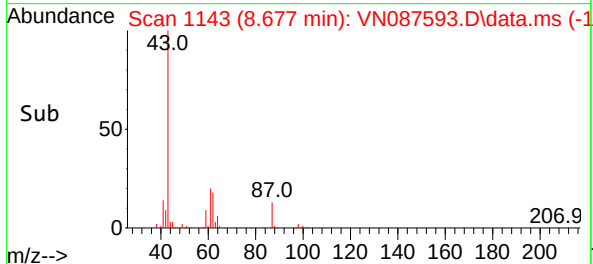
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 63544
Ion Ratio Lower Upper
43 100
61 24.1 19.8 29.8
87 12.5 9.8 14.6

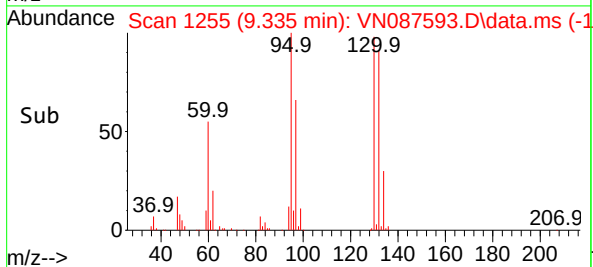
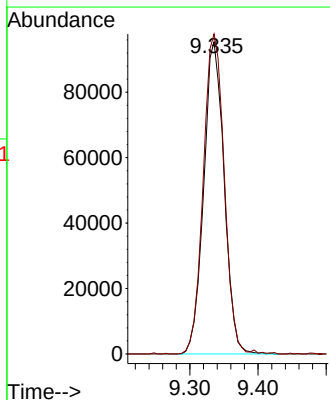
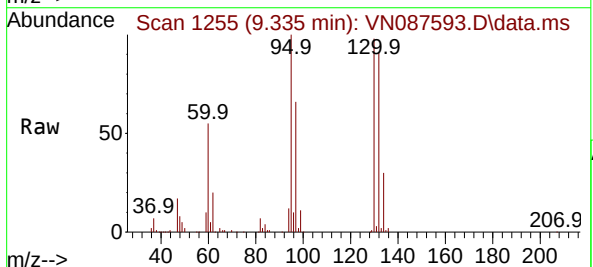
Manual Integrations
APPROVED

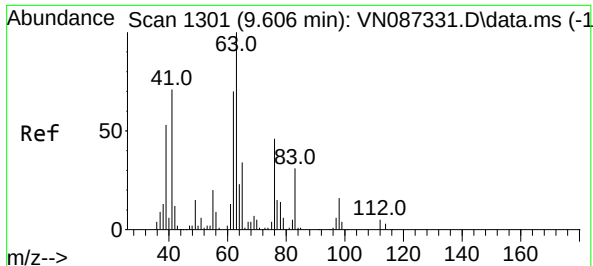
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#44
Trichloroethene
Concen: 45.073 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion:130 Resp: 198572
Ion Ratio Lower Upper
130 100
95 102.5 0.0 195.2





#45

1,2-Dichloropropane

Concen: 46.088 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 21834

Ion Ratio Lower Upper

63 100

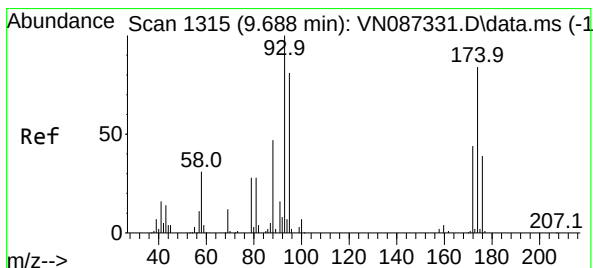
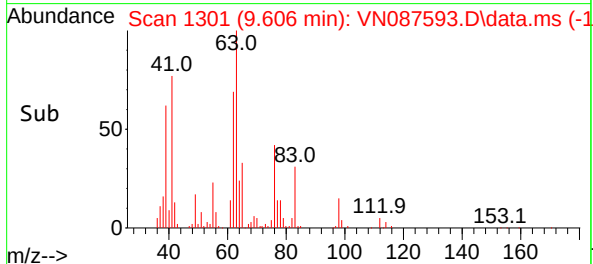
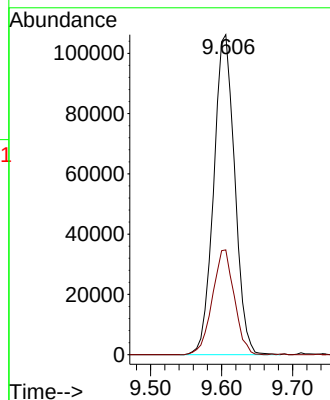
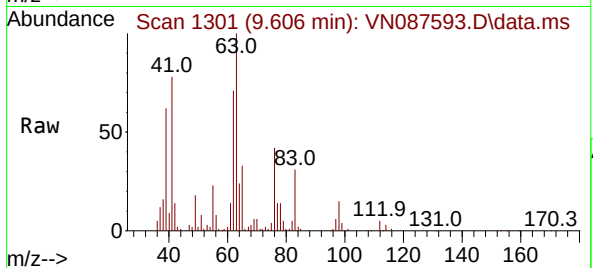
65 32.7 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 47.245 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

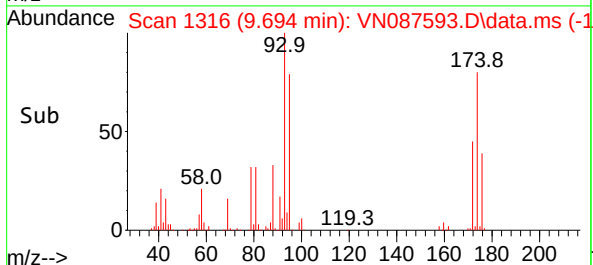
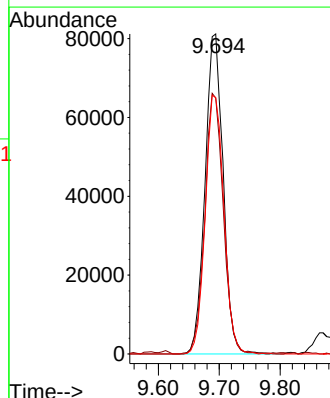
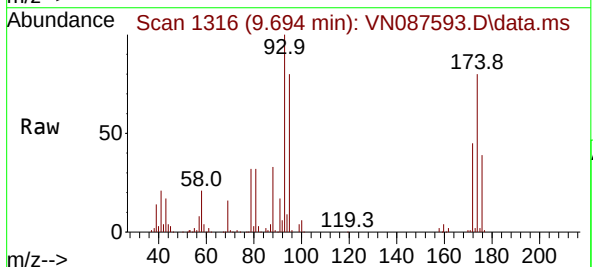
Tgt Ion: 93 Resp: 167579

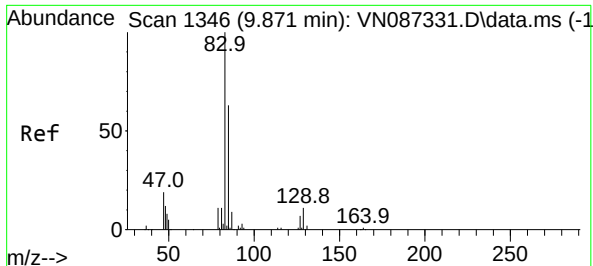
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 83.2 69.9 104.9





#47

Bromodichloromethane

Concen: 47.840 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

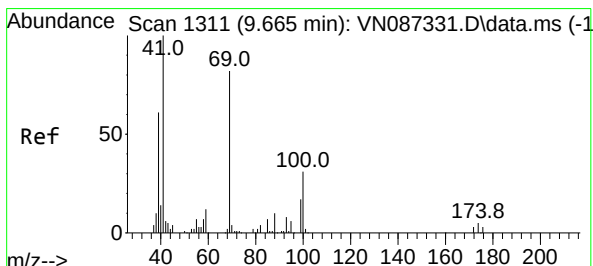
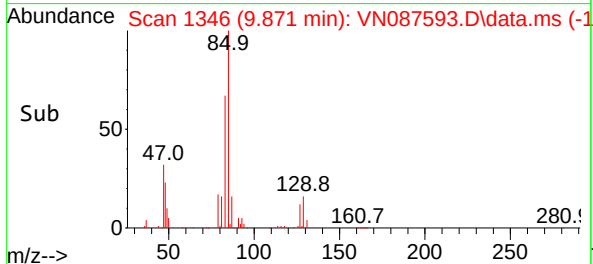
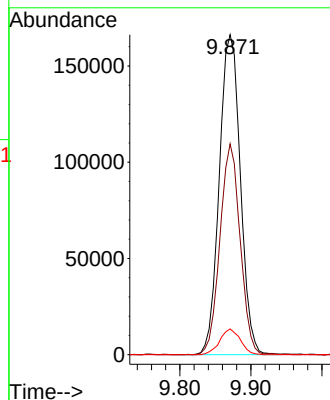
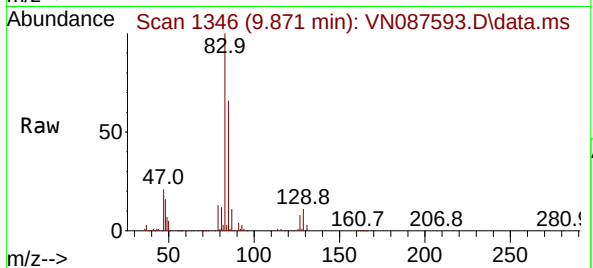
Tgt Ion: 83 Resp: 341809
 Ion Ratio Lower Upper
 83 100
 85 65.9 50.4 75.6
 127 8.1 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#48

Methyl methacrylate

Concen: 52.366 ug/l

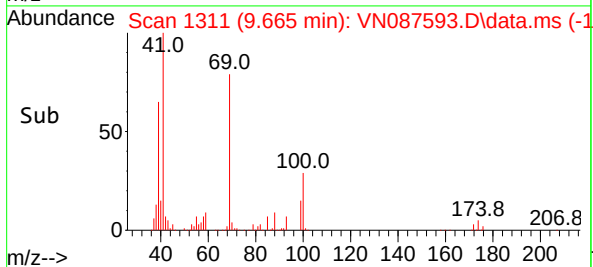
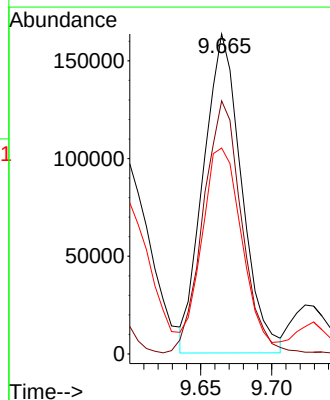
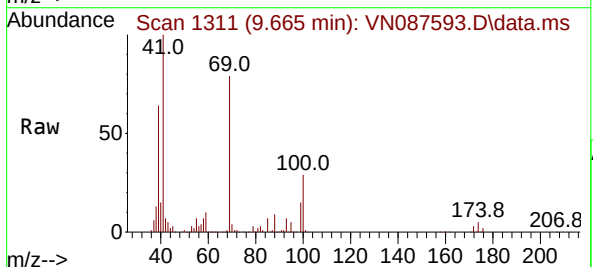
RT: 9.665 min Scan# 1311

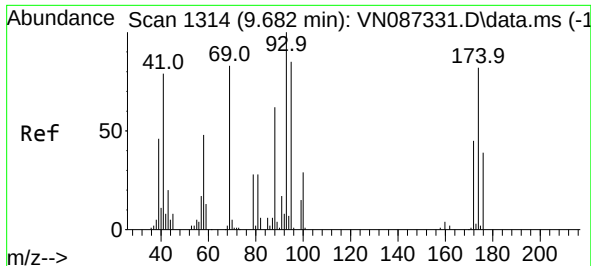
Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

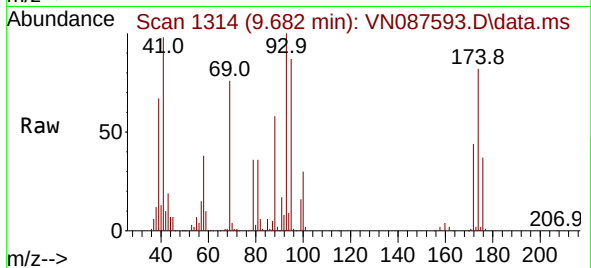
Tgt Ion: 41 Resp: 304901
 Ion Ratio Lower Upper
 41 100
 69 80.1 64.1 96.1
 39 68.7 45.5 68.3





#49
1,4-Dioxane
Concen: 921.675 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

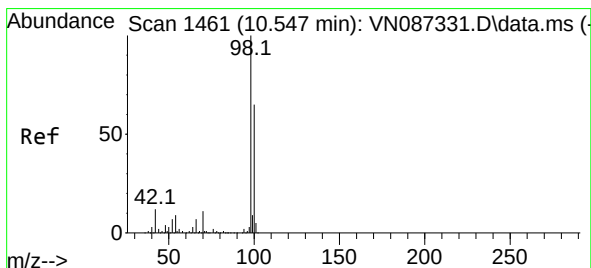
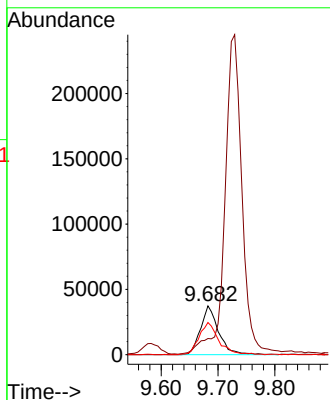
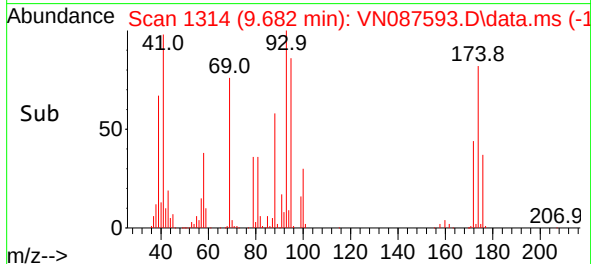
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 8219
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.1 61.1 91.7

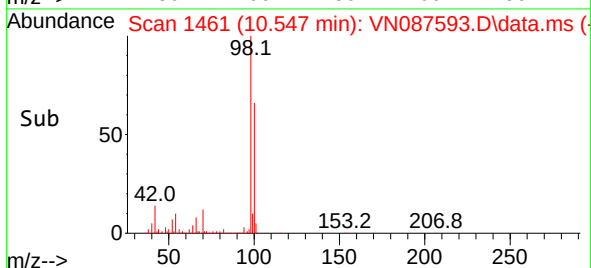
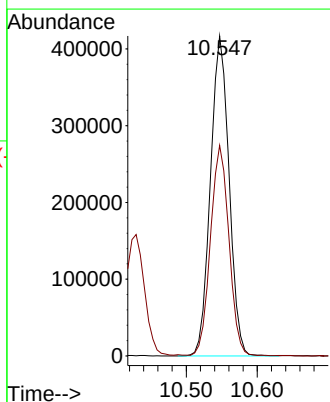
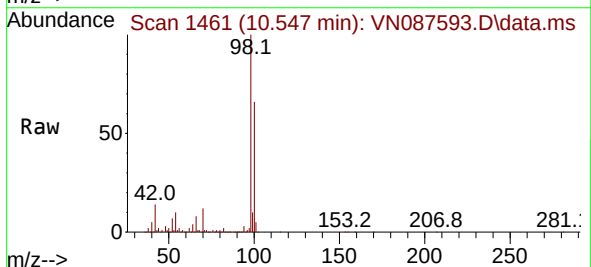
Manual Integrations
APPROVED

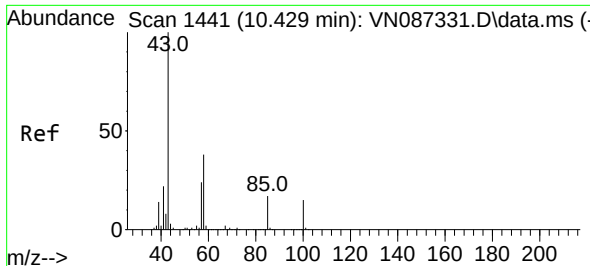
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#50
Toluene-d8
Concen: 48.651 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

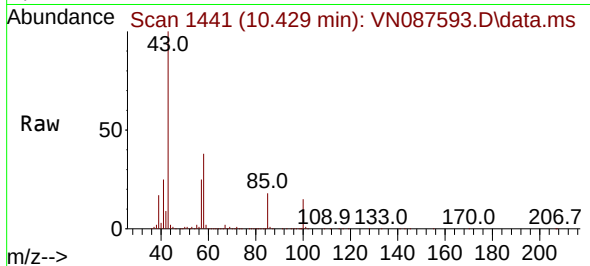
Tgt Ion: 98 Resp: 757769
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 241.884 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

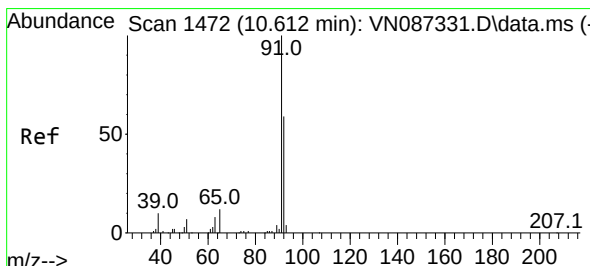
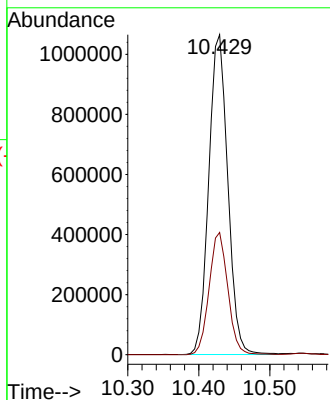
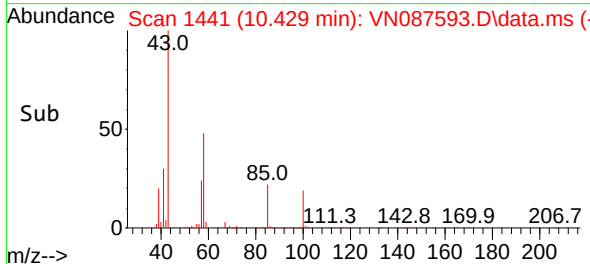
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



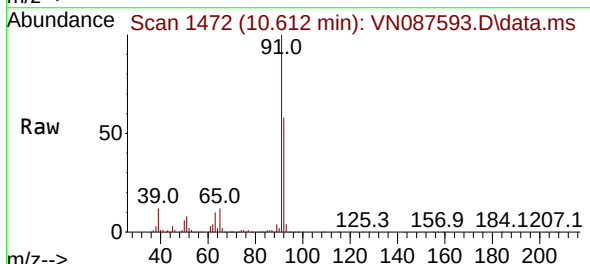
Tgt Ion: 43 Resp: 1978630
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2

Manual Integrations
APPROVED

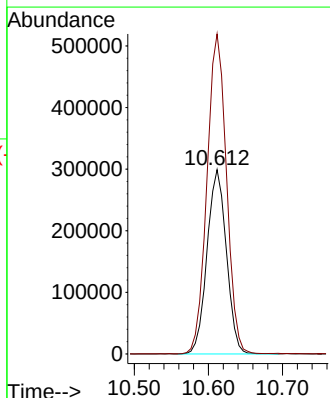
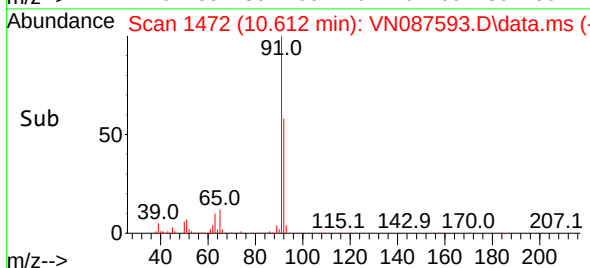
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

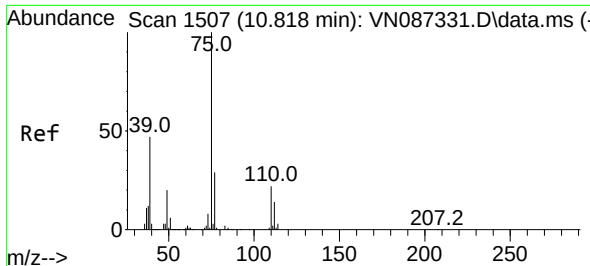


#52
Toluene
Concen: 47.835 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



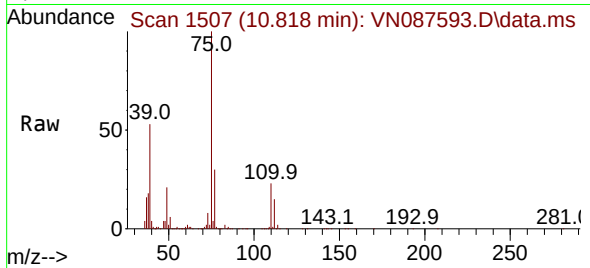
Tgt Ion: 92 Resp: 542102
Ion Ratio Lower Upper
92 100
91 174.8 135.1 202.7





#53
 t-1,3-Dichloropropene
 Concen: 48.823 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

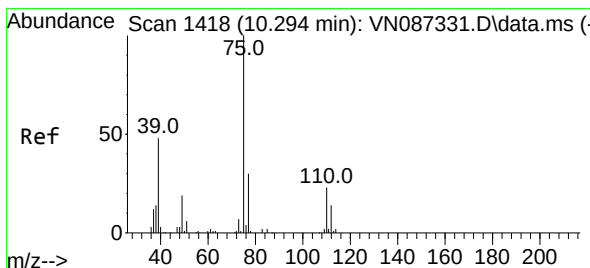
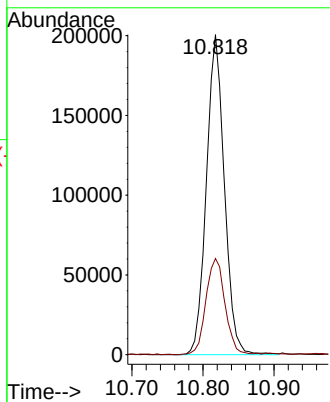
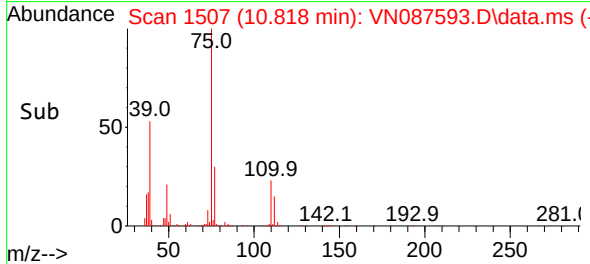
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 353025
 Ion Ratio Lower Upper
 75 100
 77 30.1 23.6 35.4

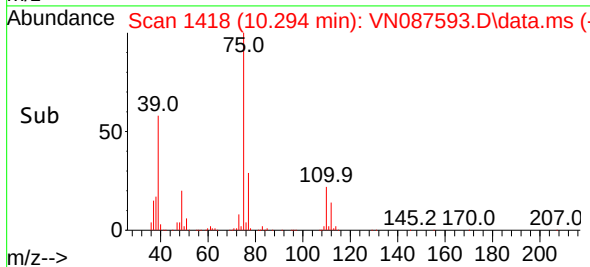
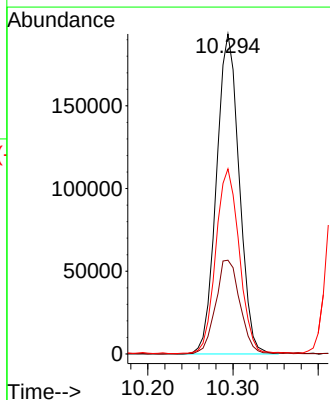
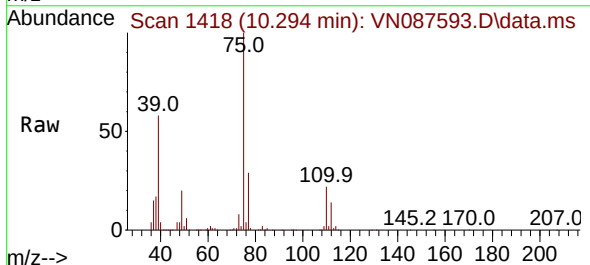
Manual Integrations
 APPROVED

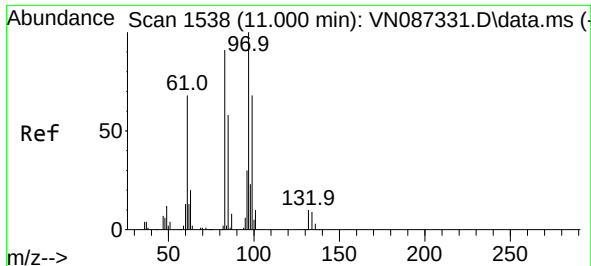
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#54
 cis-1,3-Dichloropropene
 Concen: 48.115 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

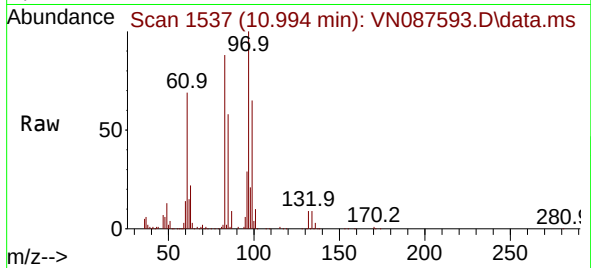
Tgt Ion: 75 Resp: 359369
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.2 36.2
 39 57.7 38.4 57.6#





#55
1,1,2-Trichloroethane
Concen: 47.608 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

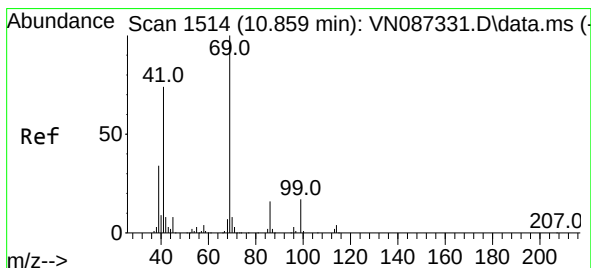
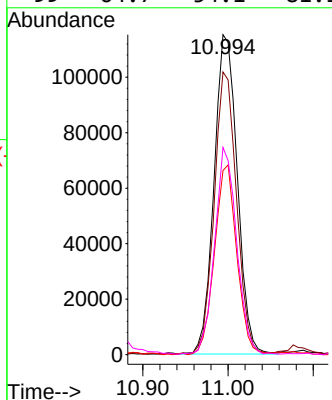
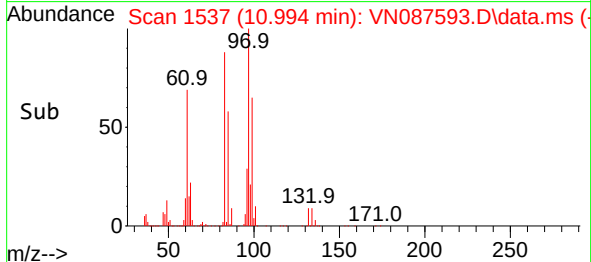
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



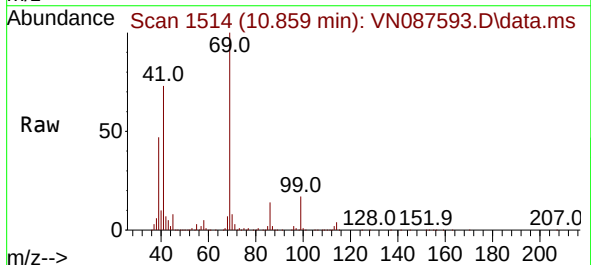
Tgt Ion: 97 Resp: 218430
Ion Ratio Lower Upper
97 100
83 88.3 72.6 109.0
85 57.4 46.7 70.1
99 64.7 54.1 81.1

Manual Integrations
APPROVED

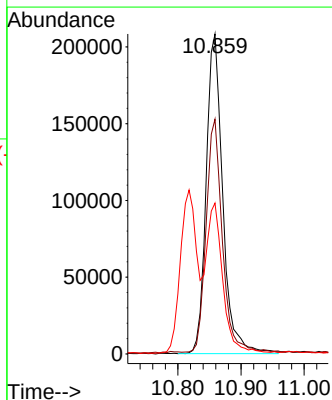
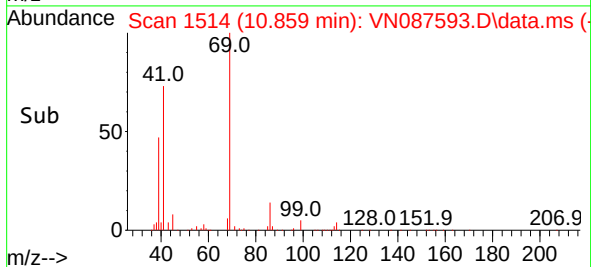
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

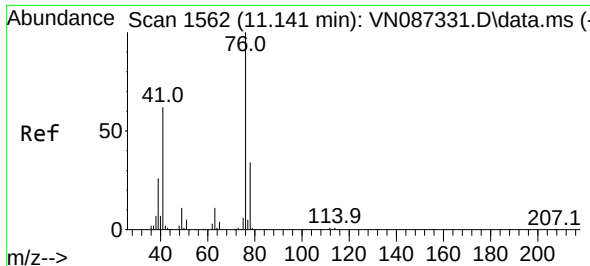


#56
Ethyl methacrylate
Concen: 49.215 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



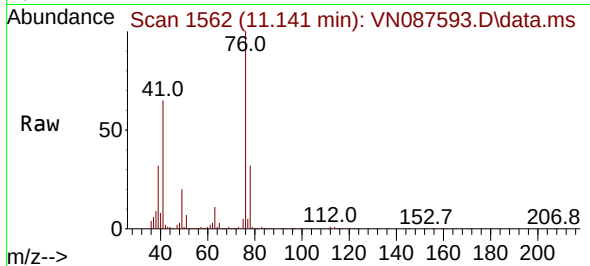
Tgt Ion: 69 Resp: 379344
Ion Ratio Lower Upper
69 100
41 70.9 55.1 82.7
39 47.2 27.9 41.9





#57
1,3-Dichloropropane
Concen: 49.043 ug/l
RT: 11.141 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

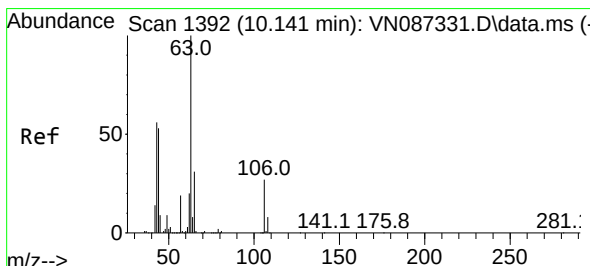
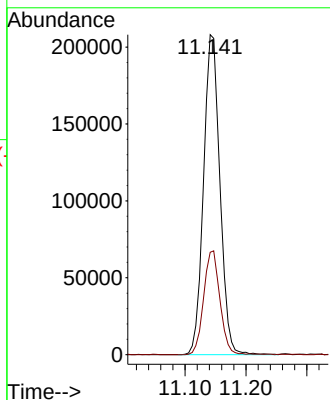
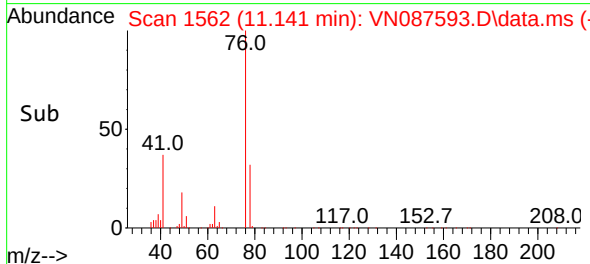
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



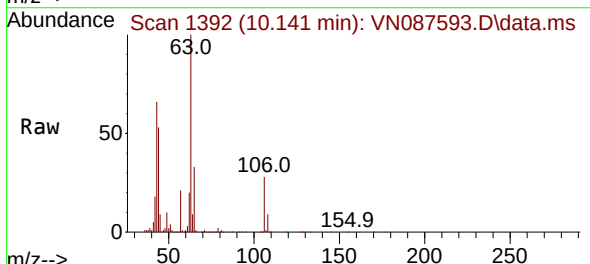
Tgt Ion: 76 Resp: 38904
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

Manual Integrations
APPROVED

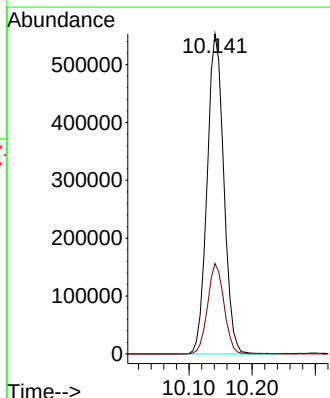
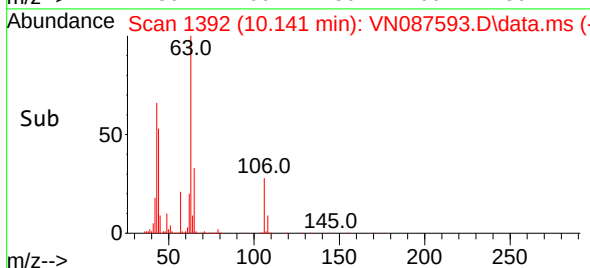
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

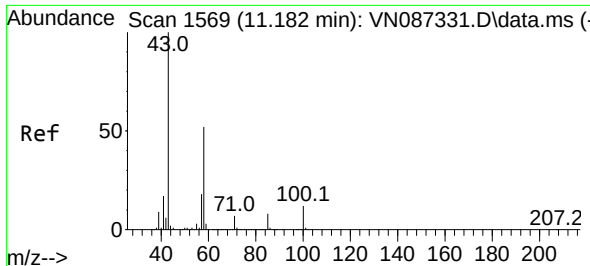


#58
2-Chloroethyl Vinyl ether
Concen: 268.913 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



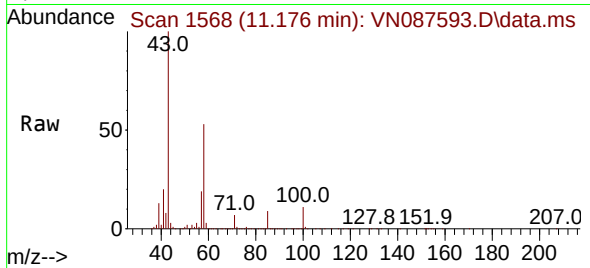
Tgt Ion: 63 Resp: 1012104
Ion Ratio Lower Upper
63 100
106 27.8 21.7 32.5





#59
2-Hexanone
Concen: 252.646 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

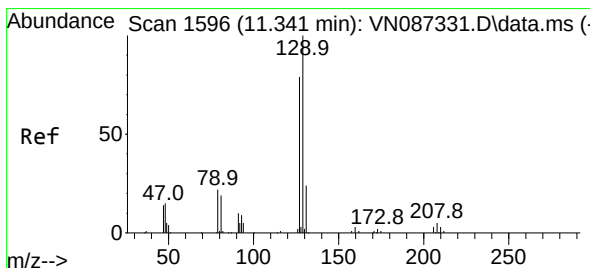
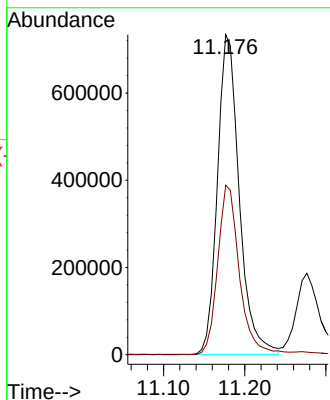
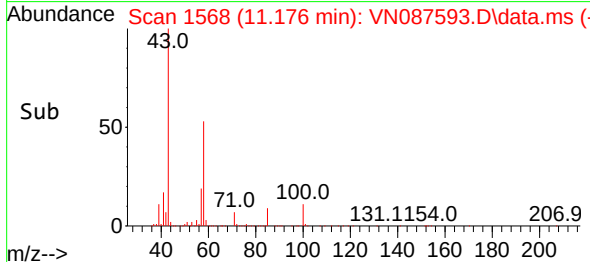
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 137115
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.0

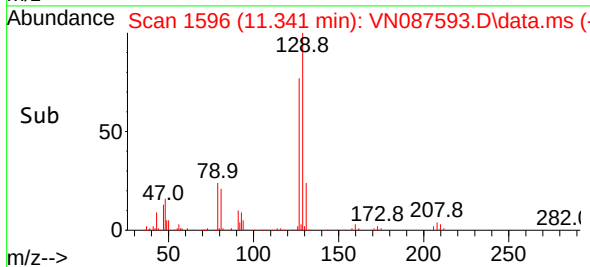
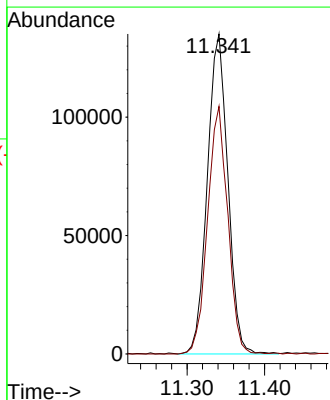
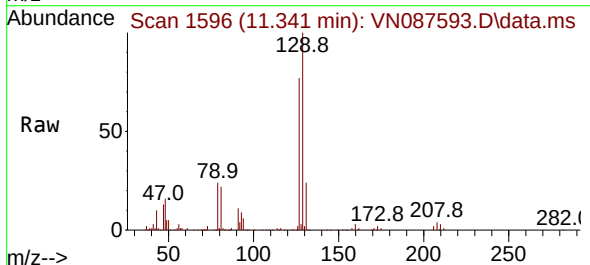
Manual Integrations
APPROVED

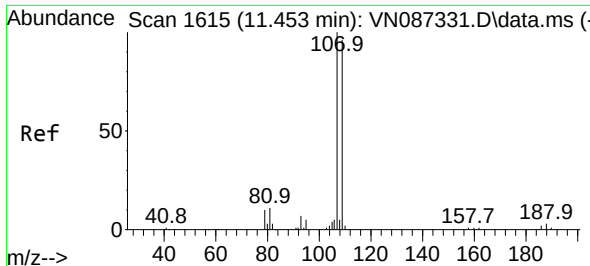
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 47.530 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

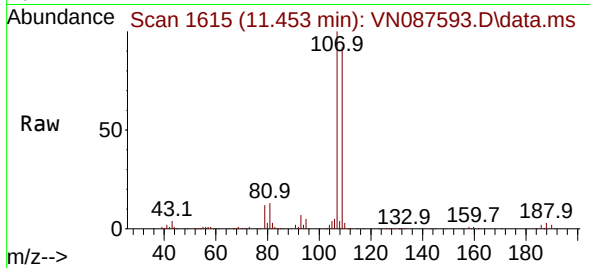
Tgt Ion:129 Resp: 248701
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.5





#61
1,2-Dibromoethane
Concen: 49.026 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

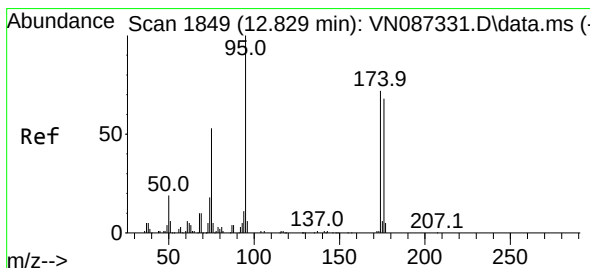
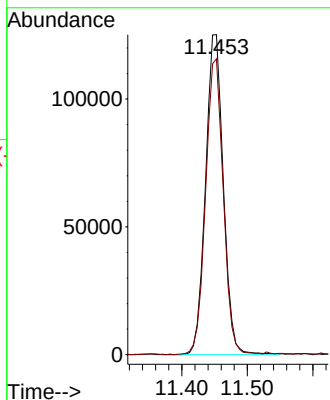
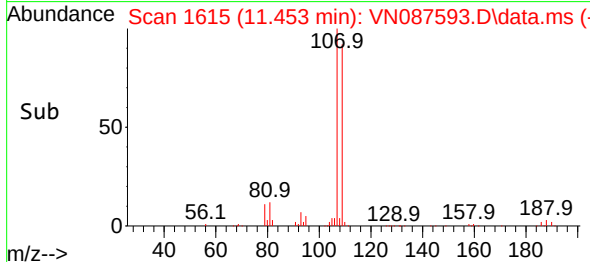
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



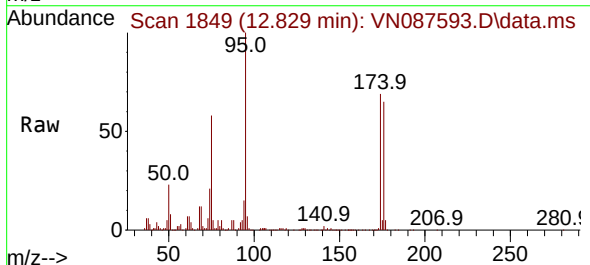
Tgt Ion:107 Resp: 236510
Ion Ratio Lower Upper
107 100
109 92.0 77.5 116.3

Manual Integrations
APPROVED

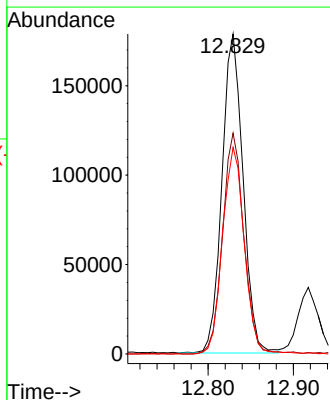
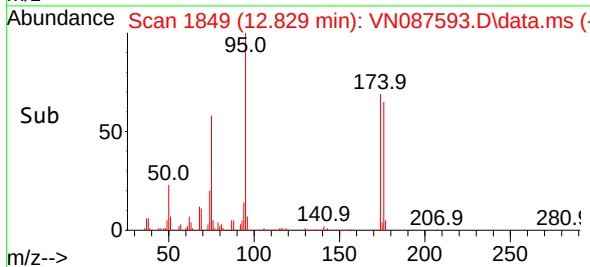
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

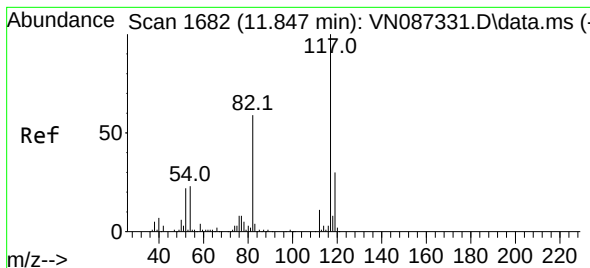


#62
4-Bromofluorobenzene
Concen: 53.209 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



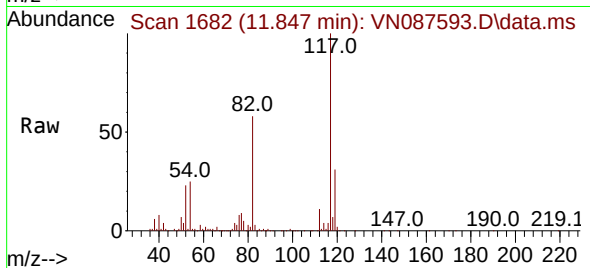
Tgt Ion: 95 Resp: 306187
Ion Ratio Lower Upper
95 100
174 70.0 0.0 149.4
176 66.9 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

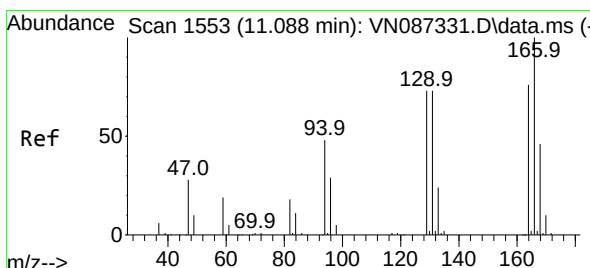
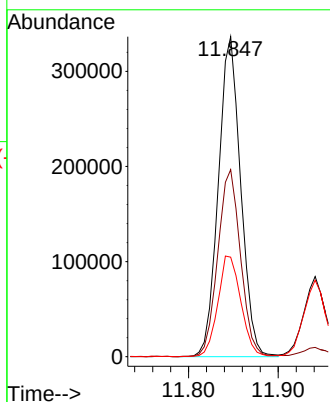
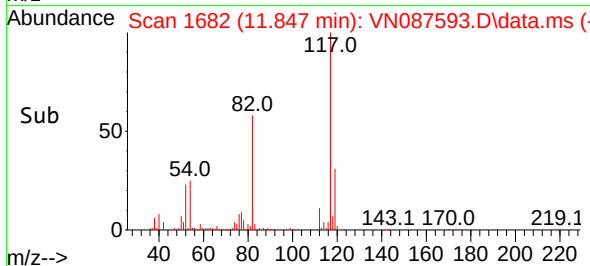
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



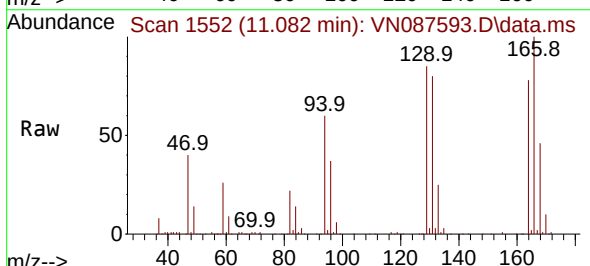
Tgt Ion:117 Resp: 58235
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.1 23.8 35.8

Manual Integrations
APPROVED

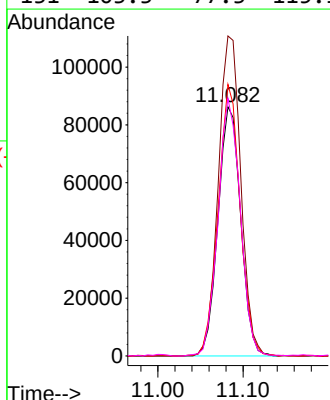
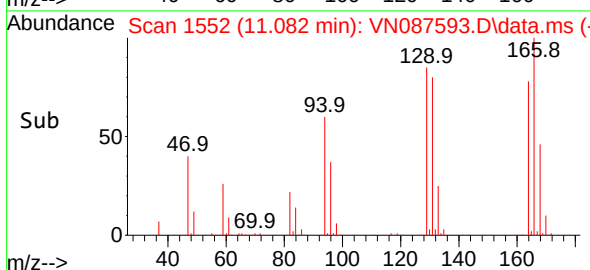
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

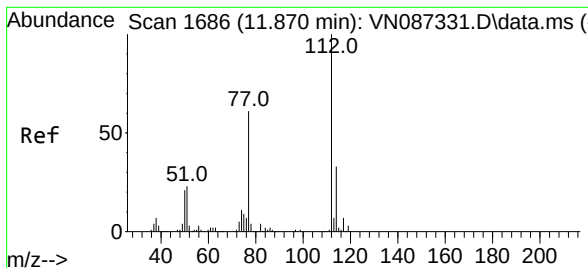


#64
Tetrachloroethene
Concen: 42.355 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



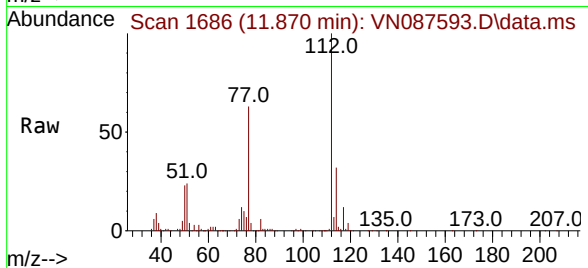
Tgt Ion:164 Resp: 158751
Ion Ratio Lower Upper
164 100
166 128.4 105.5 158.3
129 109.0 77.4 116.2
131 103.3 77.3 115.9





#65
Chlorobenzene
Concen: 46.226 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

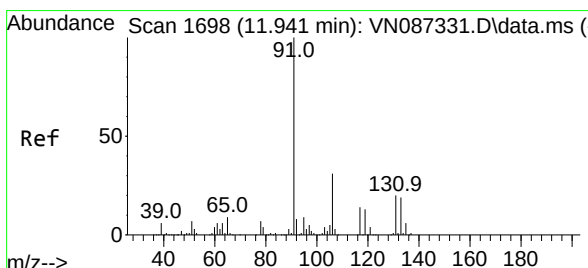
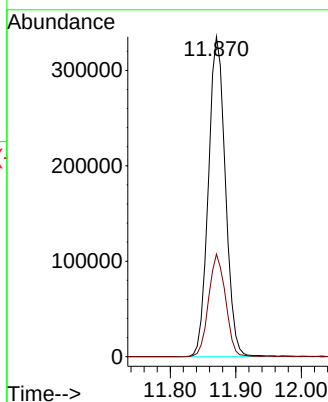
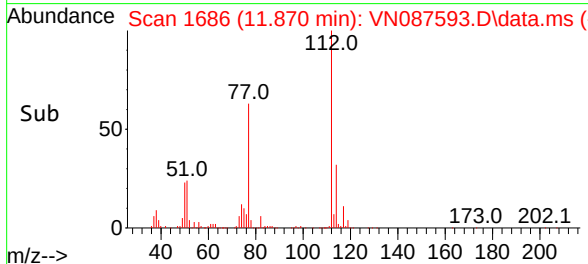
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



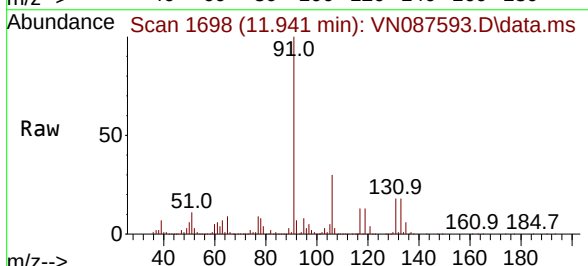
Tgt Ion:112 Resp: 604380
Ion Ratio Lower Upper
112 100
114 32.1 26.5 39.7

Manual Integrations
APPROVED

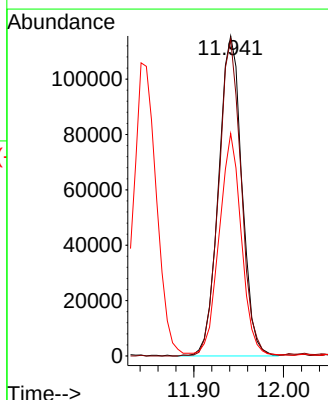
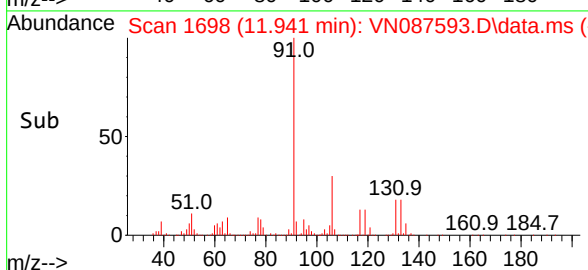
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

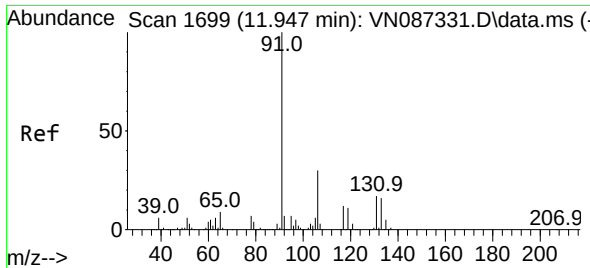


#66
1,1,1,2-Tetrachloroethane
Concen: 46.850 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



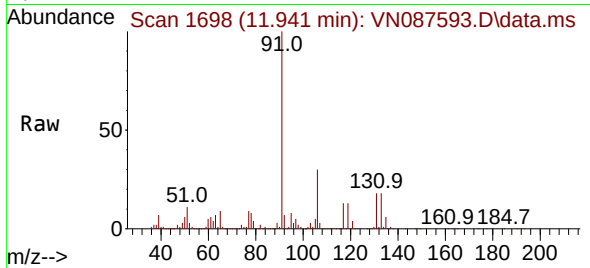
Tgt Ion:131 Resp: 208283
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.3
119 66.0 33.1 99.2





#67
Ethyl Benzene
Concen: 49.875 ug/l
RT: 11.941 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

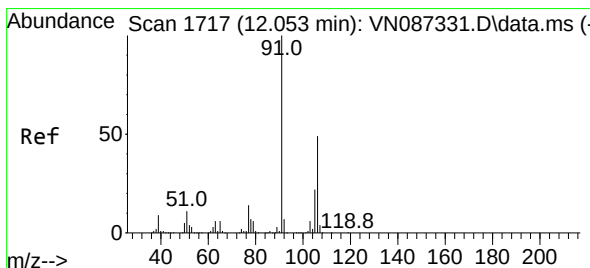
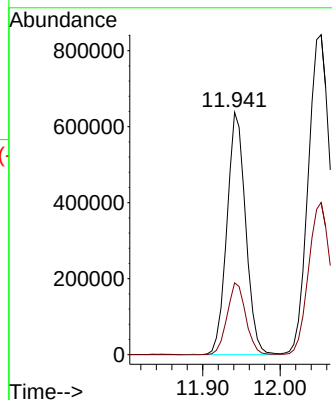
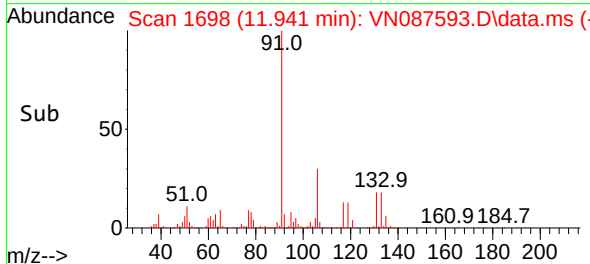
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 107348
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5

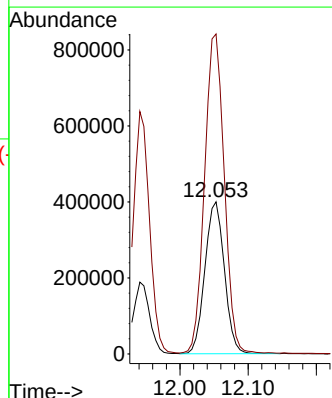
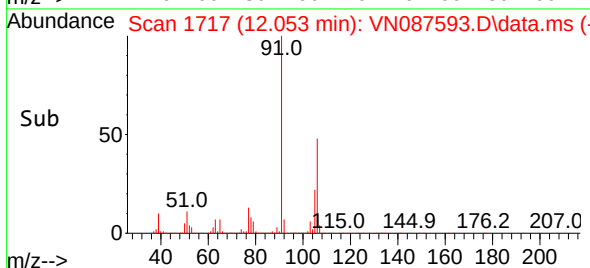
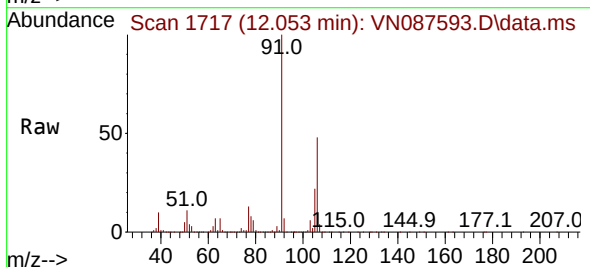
Manual Integrations
APPROVED

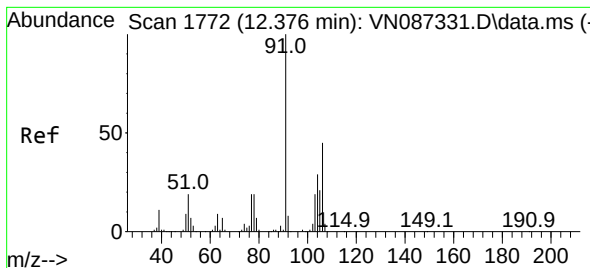
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#68
m/p-Xylenes
Concen: 98.585 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

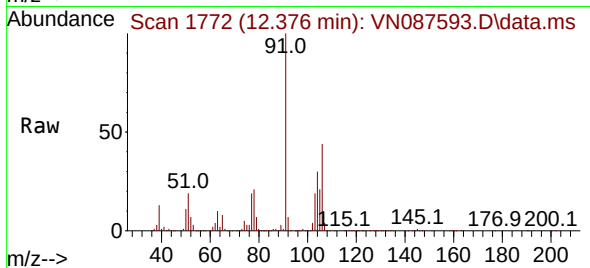
Tgt Ion:106 Resp: 794573
Ion Ratio Lower Upper
106 100
91 212.0 162.0 243.0





#69
o-Xylene
Concen: 50.698 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

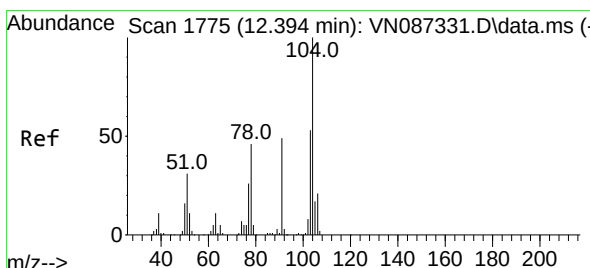
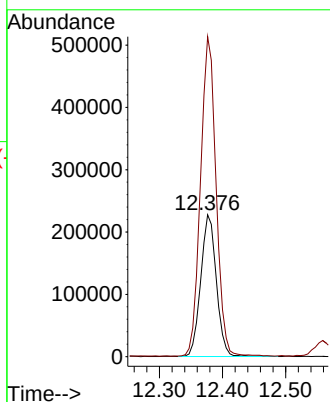
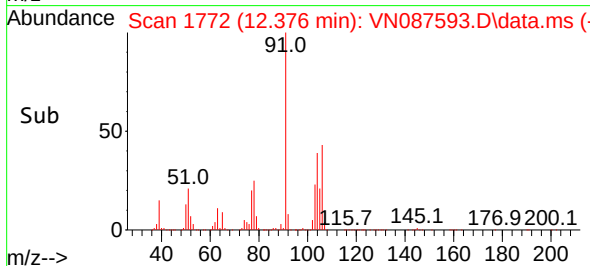
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 390322
Ion Ratio Lower Upper
106 100
91 225.0 107.7 323.3

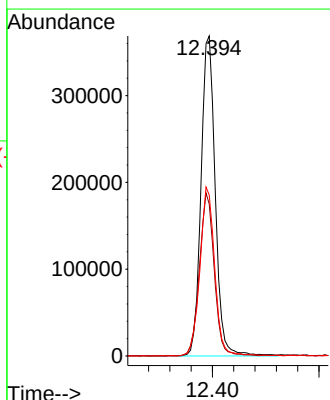
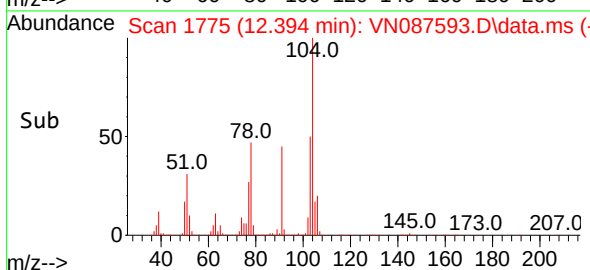
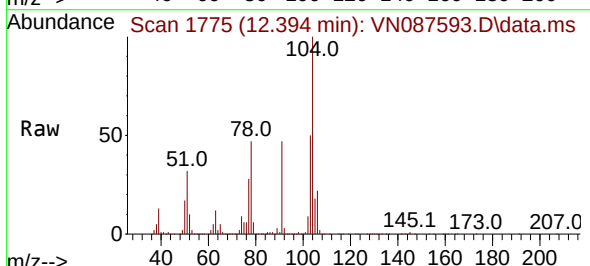
Manual Integrations
APPROVED

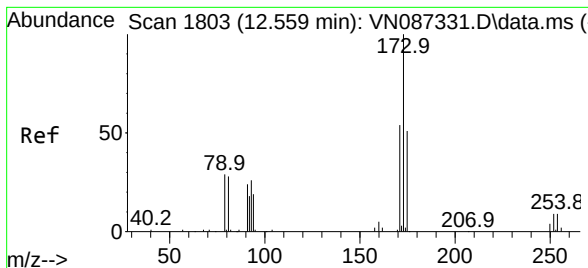
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 52.748 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion:104 Resp: 683157
Ion Ratio Lower Upper
104 100
78 53.1 41.0 61.6
103 54.8 43.9 65.9





#71

Bromoform

Concen: 42.738 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 15350

Ion Ratio Lower Upper

173 100

175 51.2 24.1 72.3

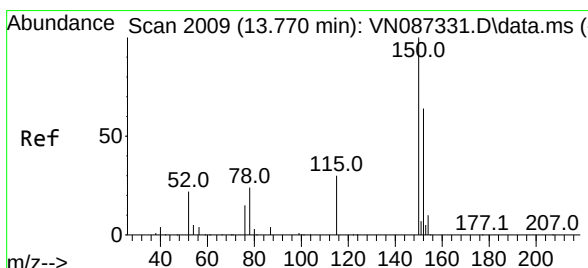
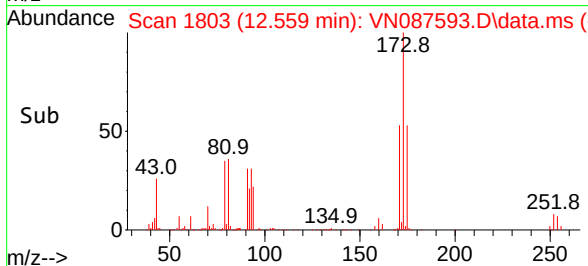
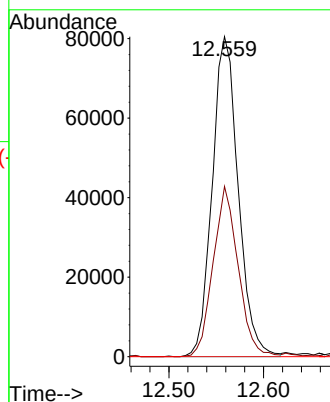
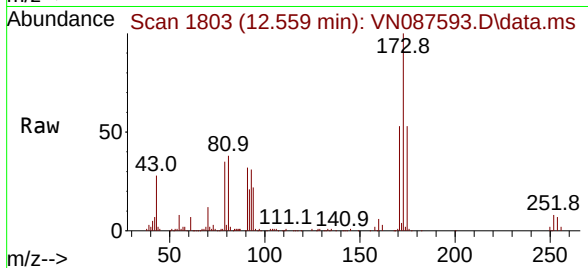
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

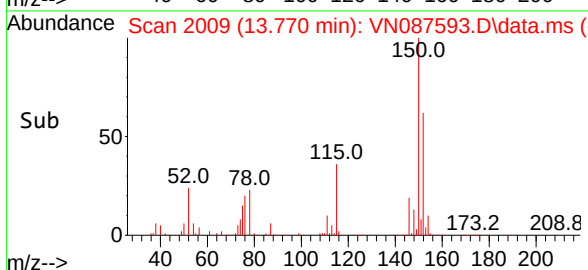
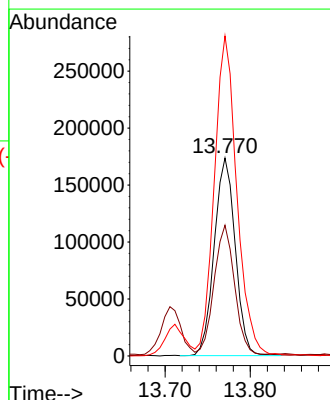
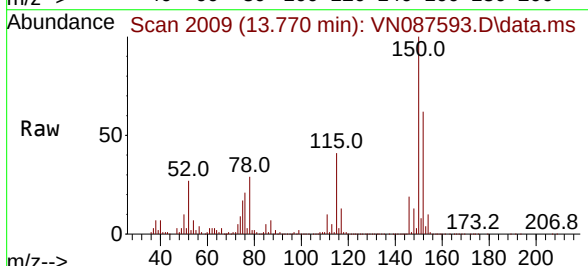
Tgt Ion:152 Resp: 297595

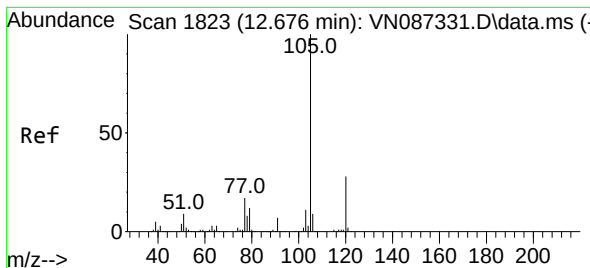
Ion Ratio Lower Upper

152 100

115 62.9 31.1 93.5

150 173.8 0.0 349.0





#73

Isopropylbenzene

Concen: 53.990 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 101124

Ion Ratio Lower Upper

105 100

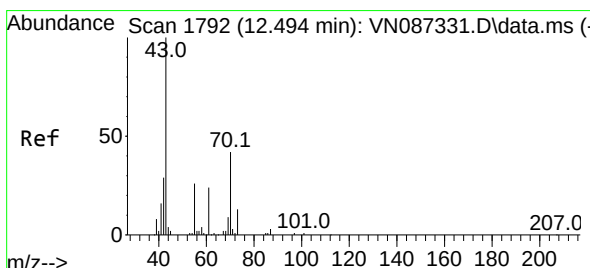
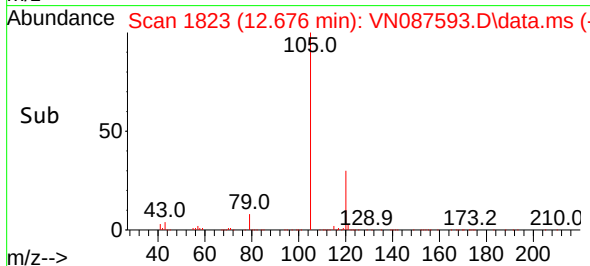
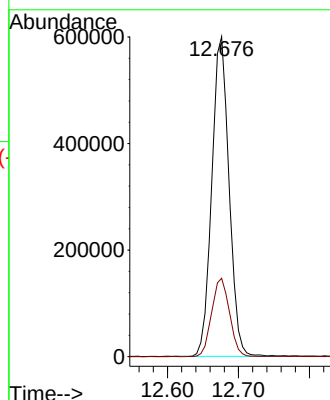
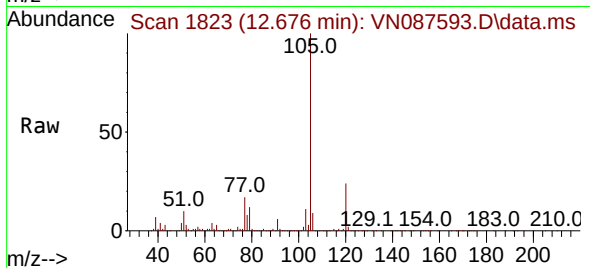
120 25.4 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#74

N-ethyl acetate

Concen: 45.487 ug/l m

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Tgt Ion: 43 Resp: 353978

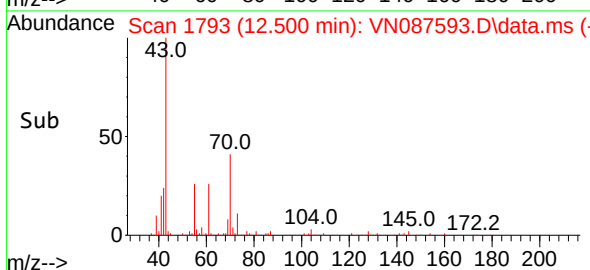
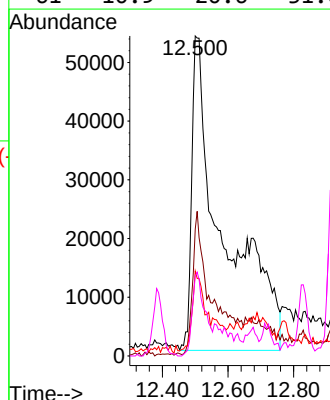
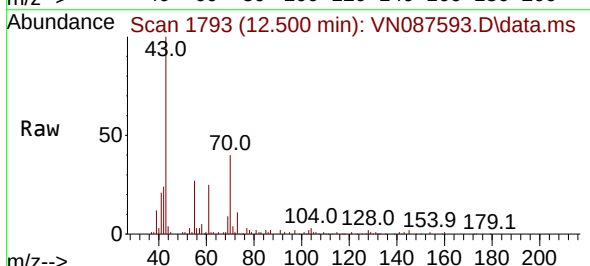
Ion Ratio Lower Upper

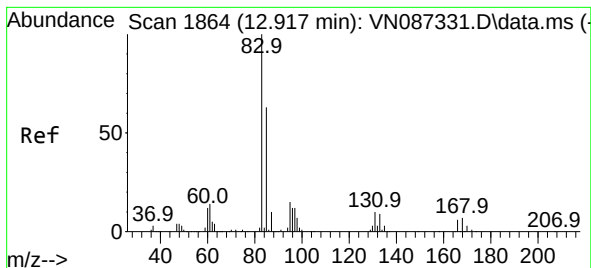
43 100

70 26.4 37.6 56.4#

55 10.0 19.6 29.4#

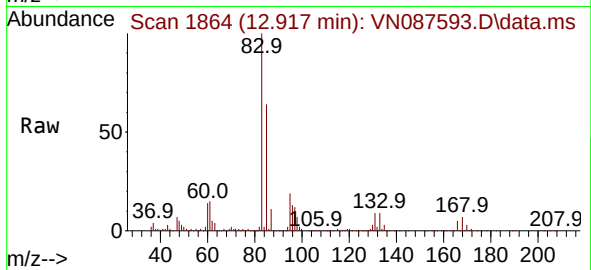
61 10.9 20.6 31.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 49.312 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

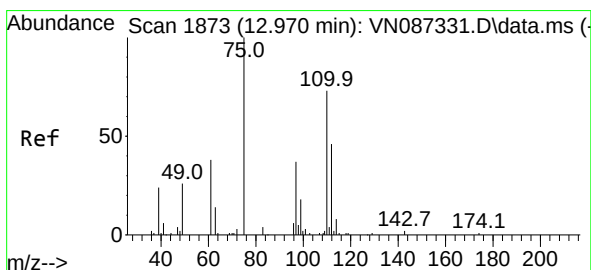
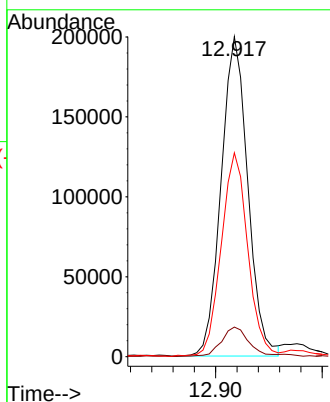
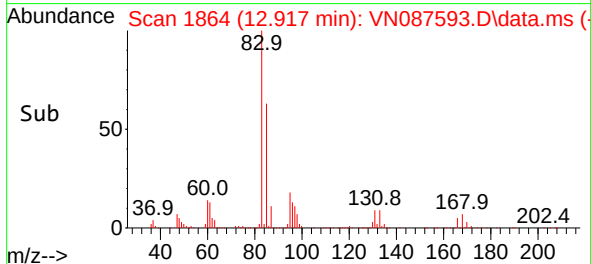
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



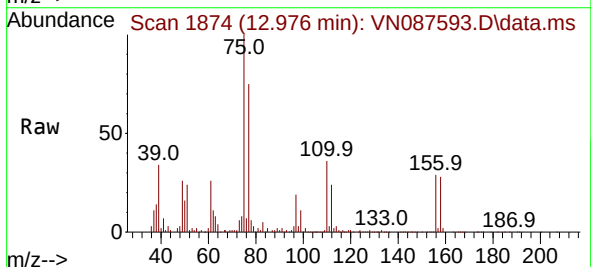
Tgt Ion: 83 Resp: 34753
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 63.3 32.5 97.4

Manual Integrations
APPROVED

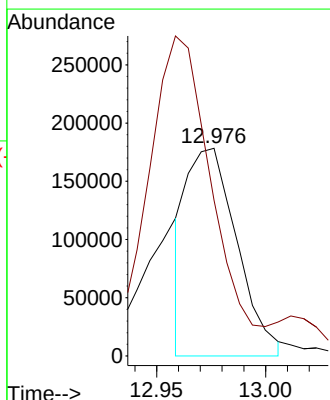
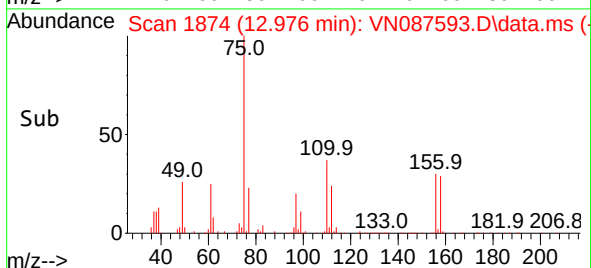
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

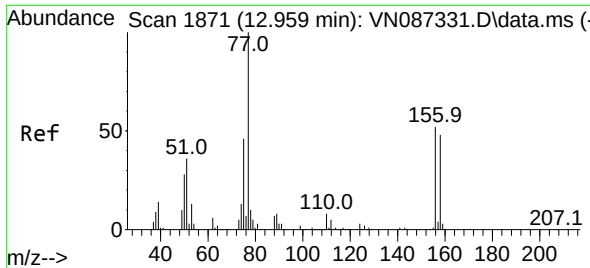


#76
1,2,3-Trichloropropane
Concen: 42.977 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



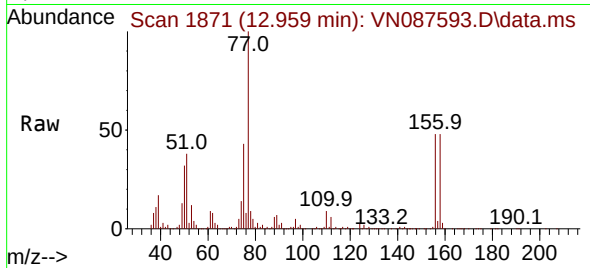
Tgt Ion: 75 Resp: 286800
Ion Ratio Lower Upper
75 100
77 195.6 94.5 283.6





#77
Bromobenzene
Concen: 49.292 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

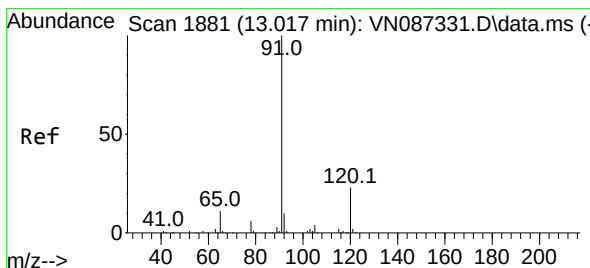
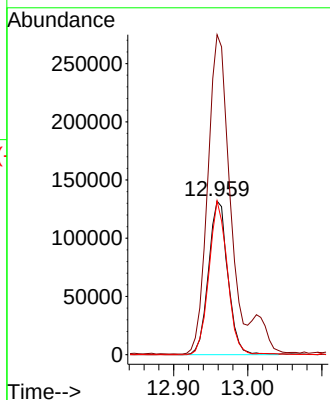
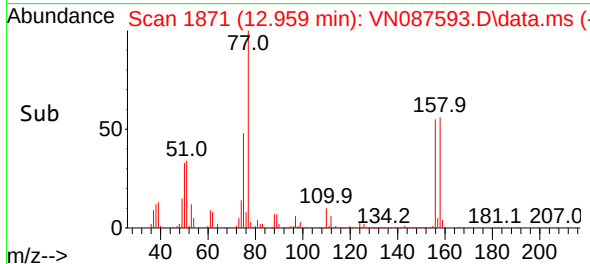
Instrument :
MSVOA_N
ClientSampleId :
VSTDC050EC



Tgt Ion:156 Resp: 23943
Ion Ratio Lower Upper
156 100
77 234.3 114.9 344.6
158 95.0 48.5 145.5

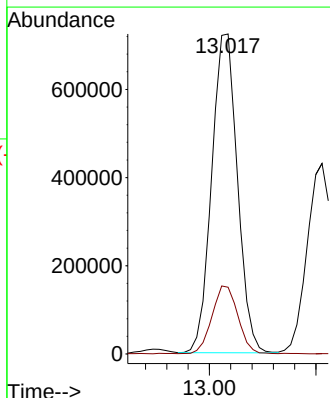
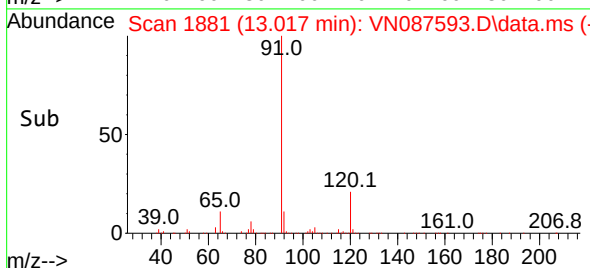
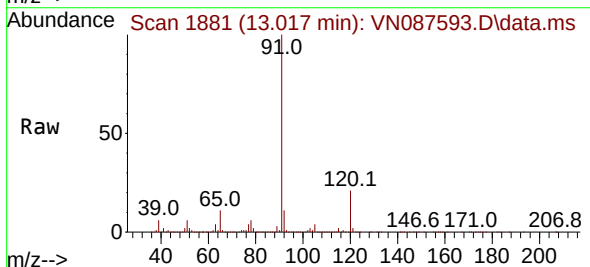
Manual Integrations
APPROVED

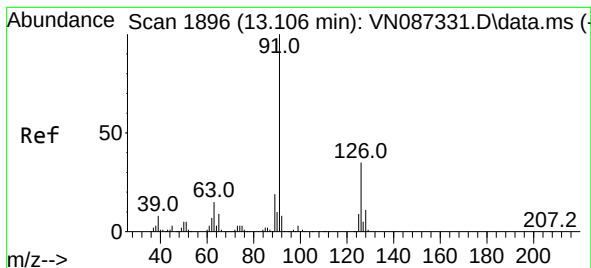
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#78
n-propylbenzene
Concen: 51.511 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

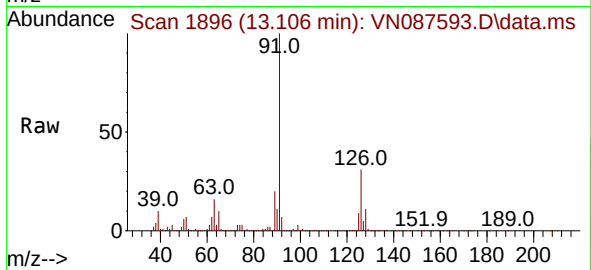
Tgt Ion: 91 Resp: 1213888
Ion Ratio Lower Upper
91 100
120 21.3 11.3 33.8





#79
2-Chlorotoluene
Concen: 51.315 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

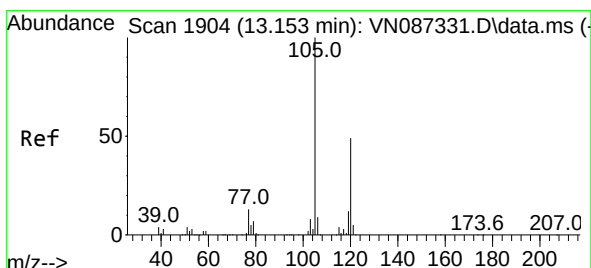
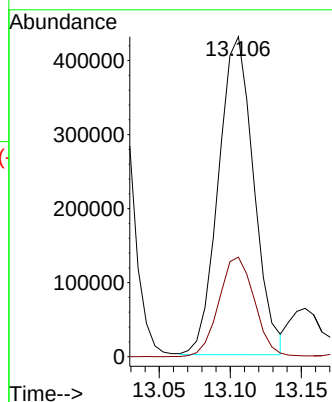
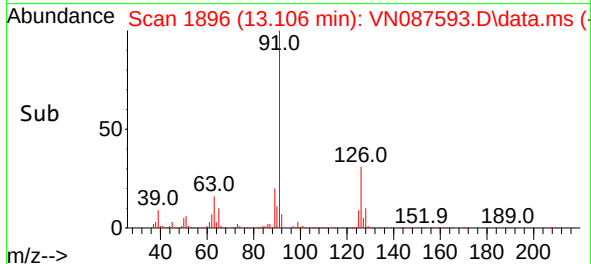
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



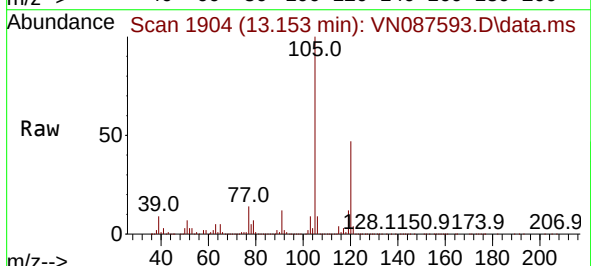
Tgt Ion: 91 Resp: 74318
Ion Ratio Lower Upper
91 100
126 31.7 16.9 50.6

Manual Integrations
APPROVED

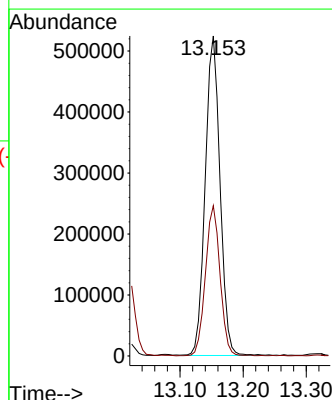
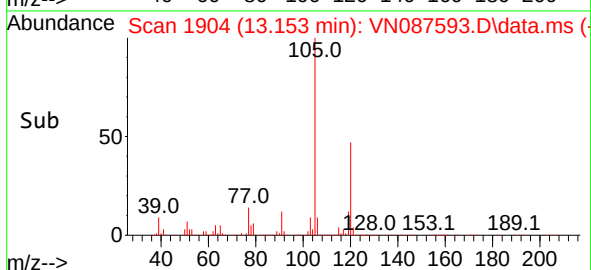
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

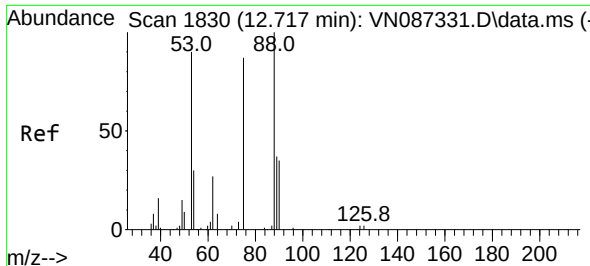


#80
1,3,5-Trimethylbenzene
Concen: 53.480 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



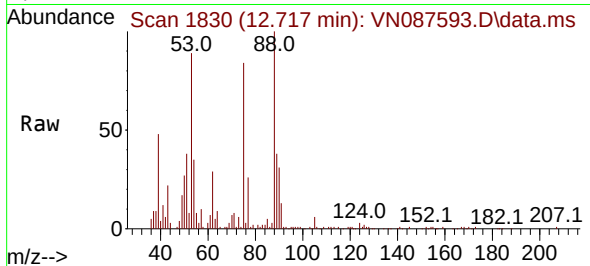
Tgt Ion:105 Resp: 853451
Ion Ratio Lower Upper
105 100
120 46.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 40.181 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

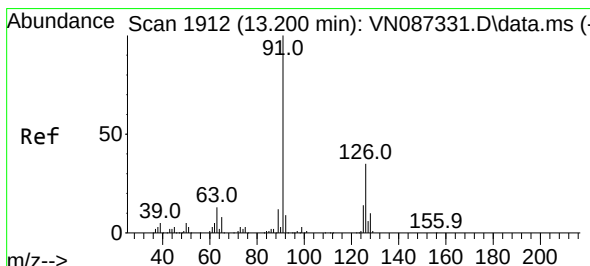
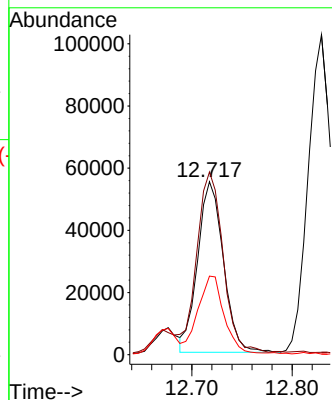
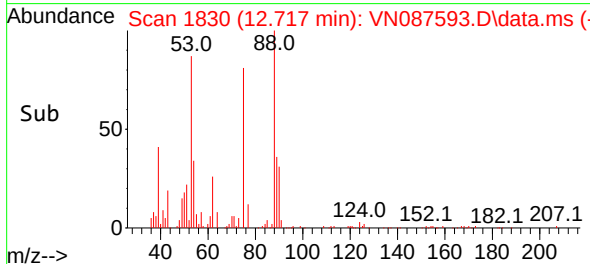
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 97998
Ion Ratio Lower Upper
75 100
53 109.3 83.5 125.3
89 46.0 38.4 57.6

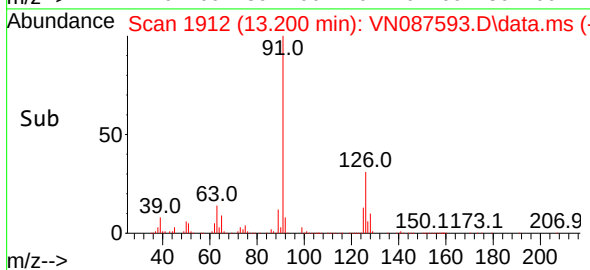
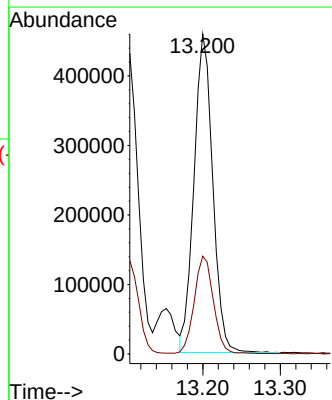
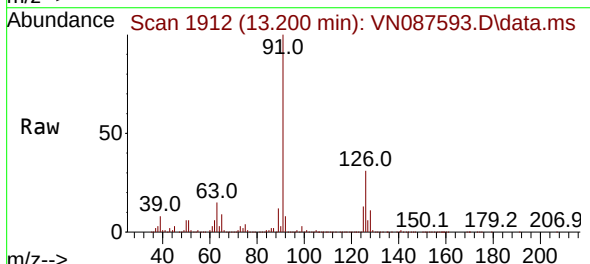
Manual Integrations
APPROVED

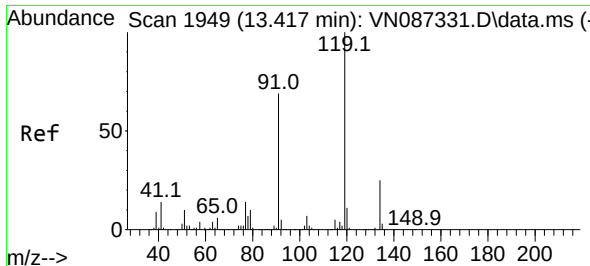
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 50.903 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

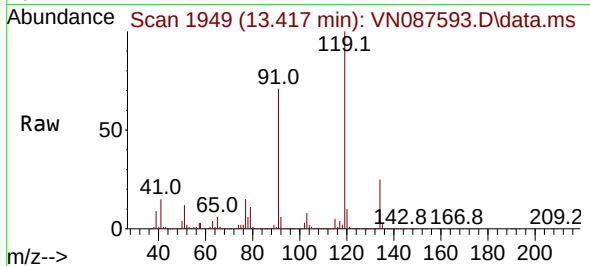
Tgt Ion: 91 Resp: 767539
Ion Ratio Lower Upper
91 100
126 31.5 16.6 49.7





#83
tert-Butylbenzene
Concen: 54.301 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

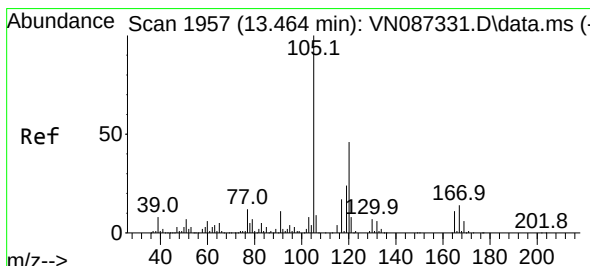
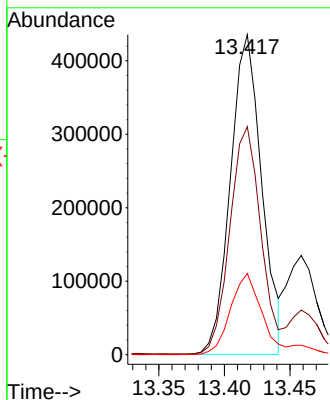
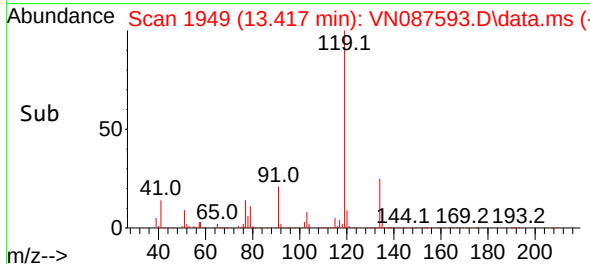
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



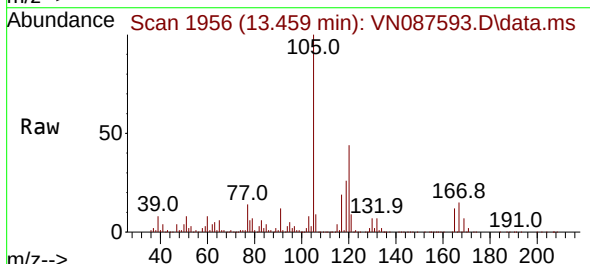
Tgt Ion:119 Resp: 723749
Ion Ratio Lower Upper
119 100
91 71.6 35.0 105.1
134 27.5 12.6 37.6

Manual Integrations
APPROVED

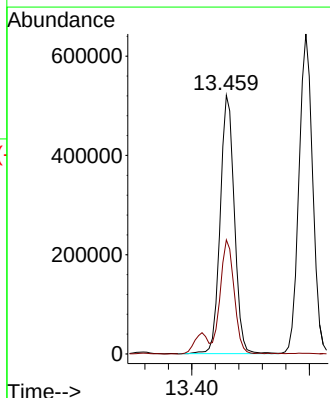
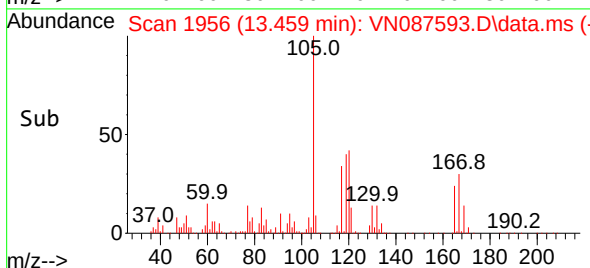
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

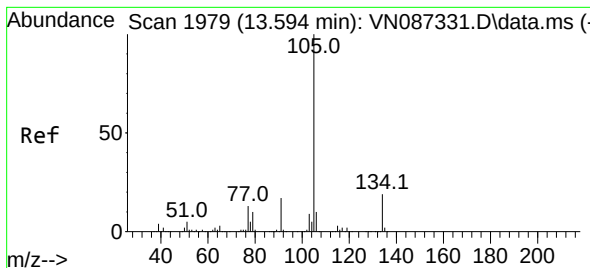


#84
1,2,4-Trimethylbenzene
Concen: 53.448 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17



Tgt Ion:105 Resp: 871046
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.3





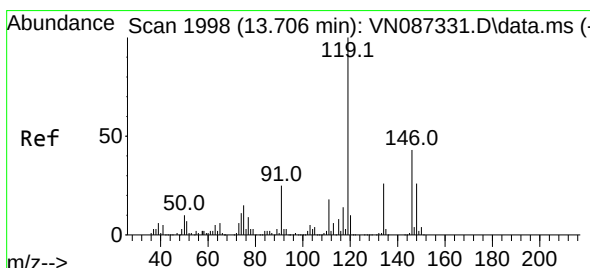
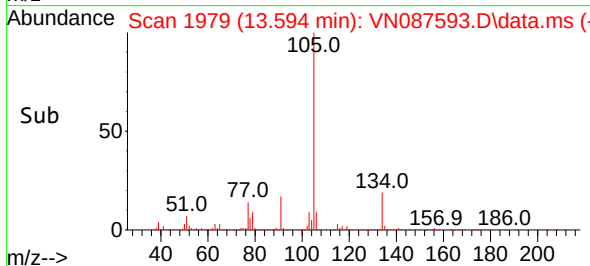
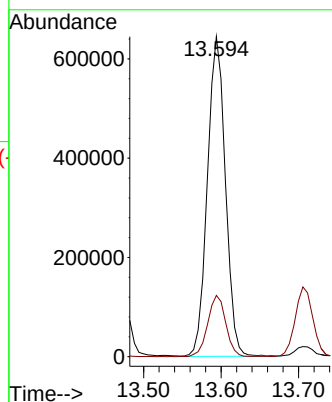
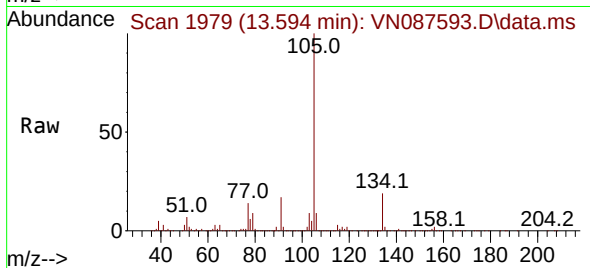
#85
 sec-Butylbenzene
 Concen: 51.790 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 103975
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

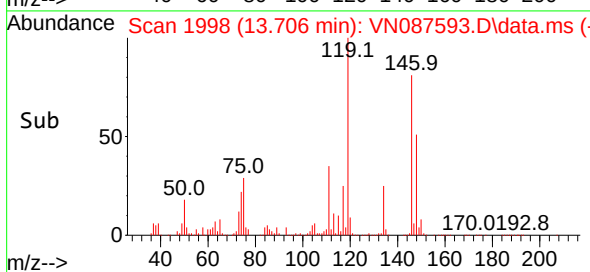
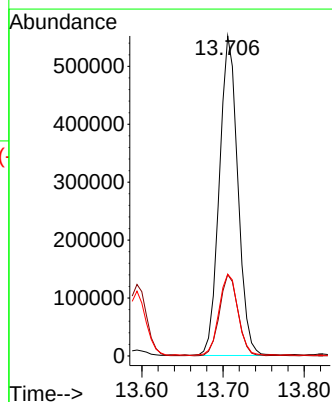
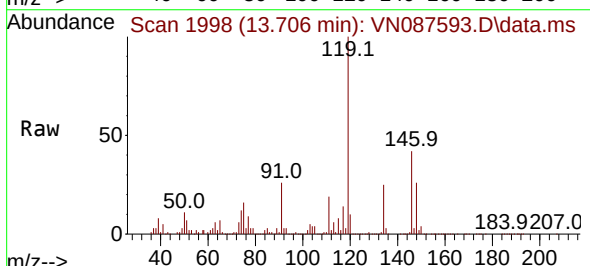
Manual Integrations
 APPROVED

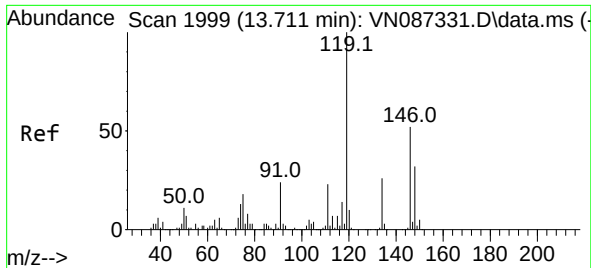
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#86
 p-Isopropyltoluene
 Concen: 54.365 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087593.D
 Acq: 15 Aug 2025 19:17

Tgt Ion:119 Resp: 874684
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.5 40.5
 91 26.0 12.2 36.6





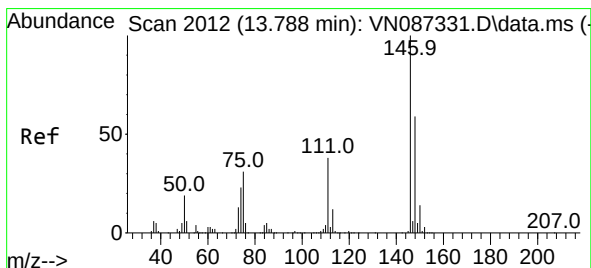
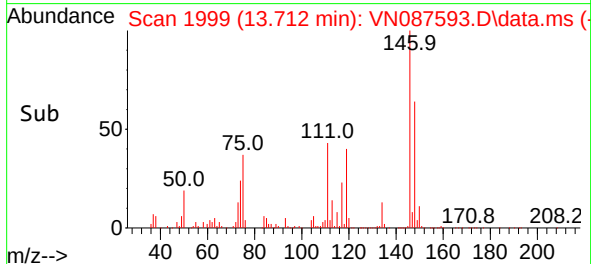
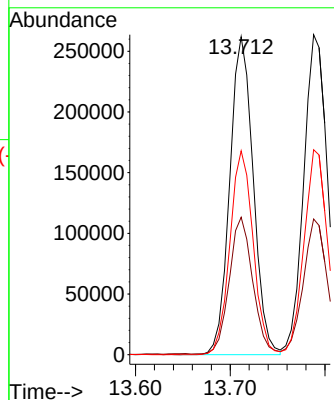
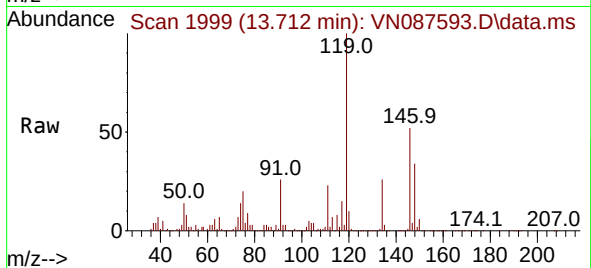
#87
1,3-Dichlorobenzene
Concen: 47.329 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 45120
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.3
148 63.6 31.6 95.0

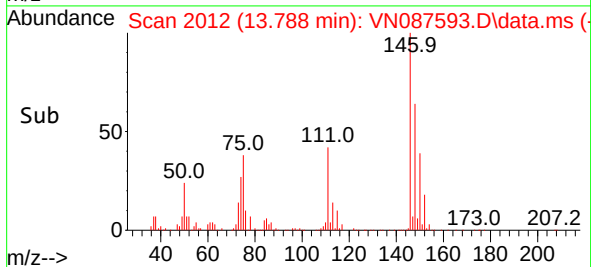
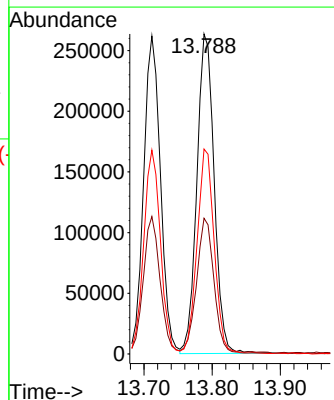
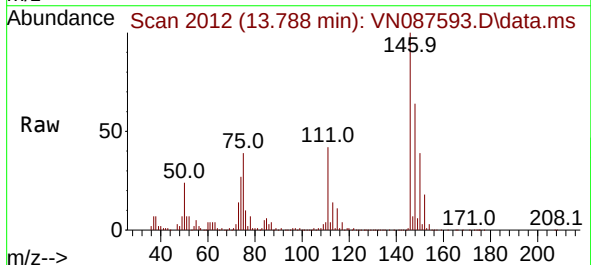
Manual Integrations
APPROVED

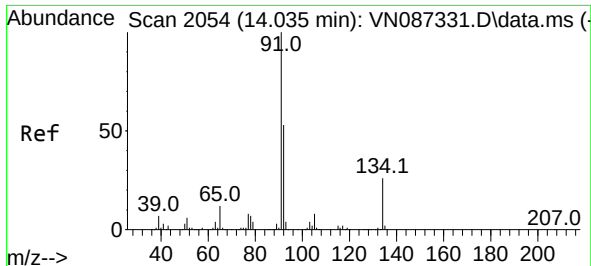
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#88
1,4-Dichlorobenzene
Concen: 45.541 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

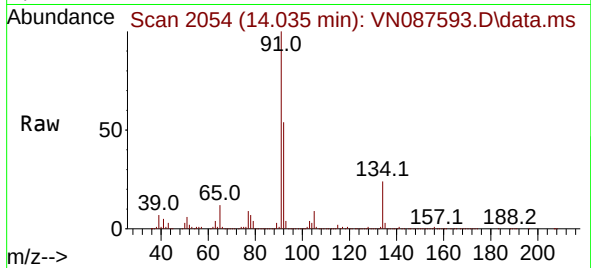
Tgt Ion:146 Resp: 463695
Ion Ratio Lower Upper
146 100
111 41.5 19.6 58.7
148 62.9 31.4 94.0





#89
n-Butylbenzene
Concen: 54.443 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

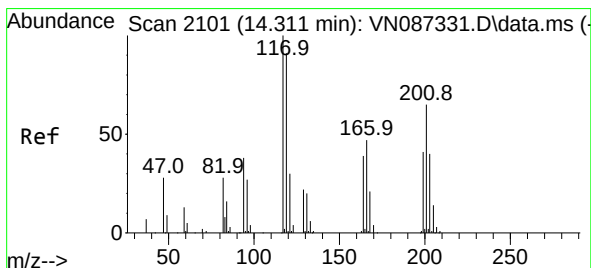
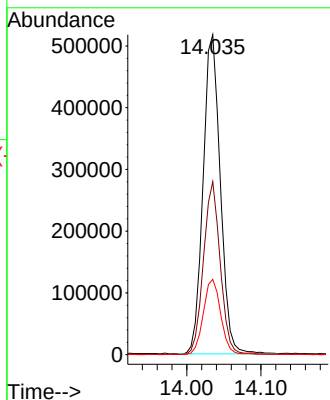
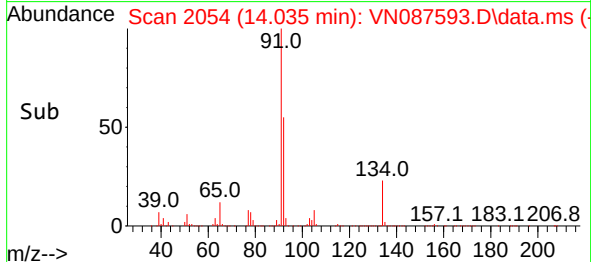
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 836409
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.6
134 24.0 12.4 37.2

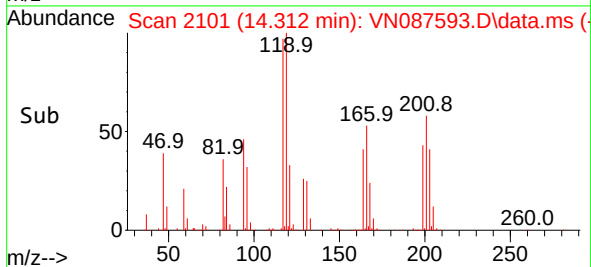
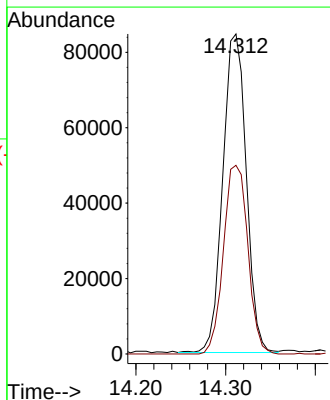
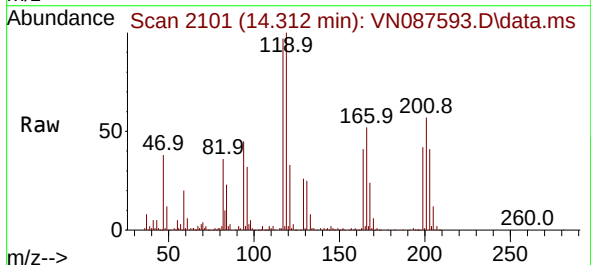
Manual Integrations
APPROVED

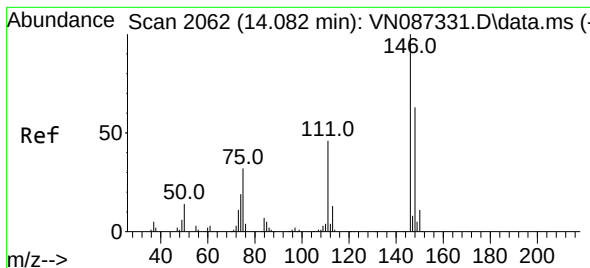
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 44.991 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

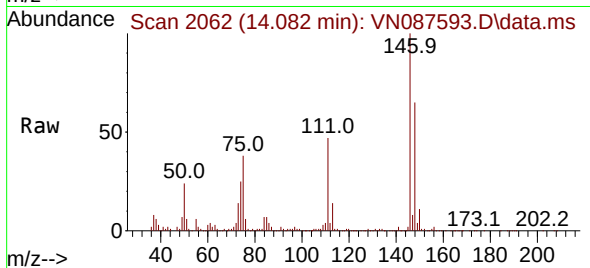
Tgt Ion:117 Resp: 153370
Ion Ratio Lower Upper
117 100
201 61.6 32.8 98.4





#91
1,2-Dichlorobenzene
Concen: 48.261 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

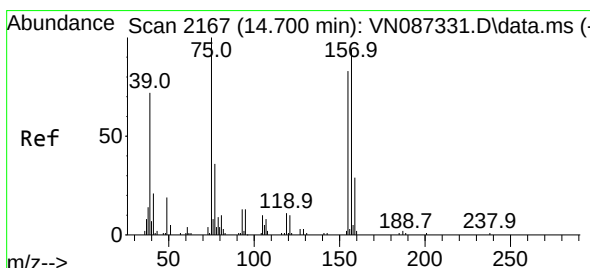
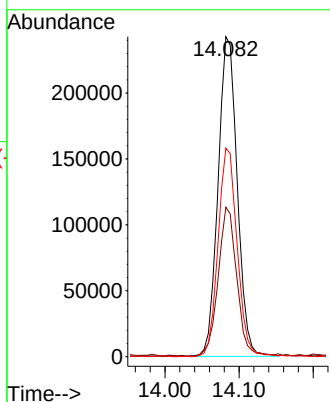
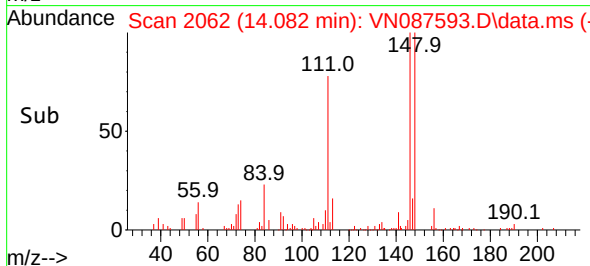
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 43587
Ion Ratio Lower Upper
146 100
111 45.0 22.0 66.0
148 65.3 32.7 98.1

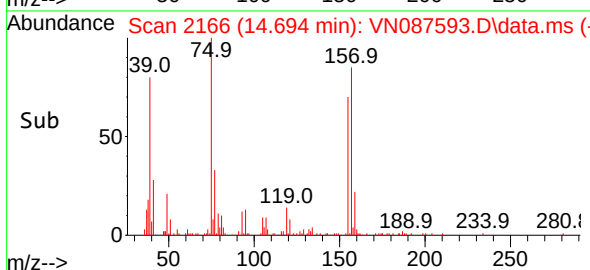
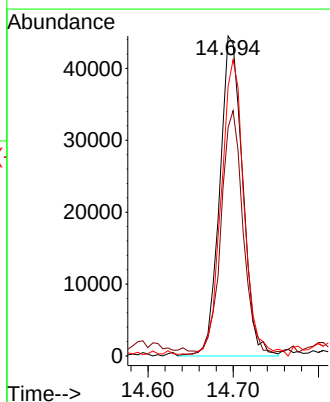
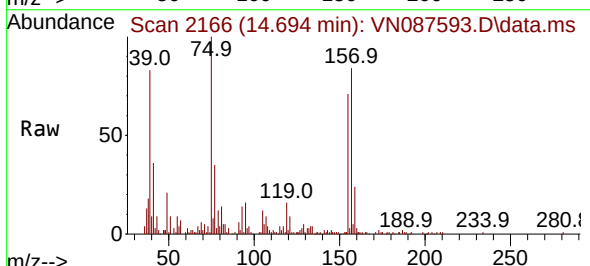
Manual Integrations
APPROVED

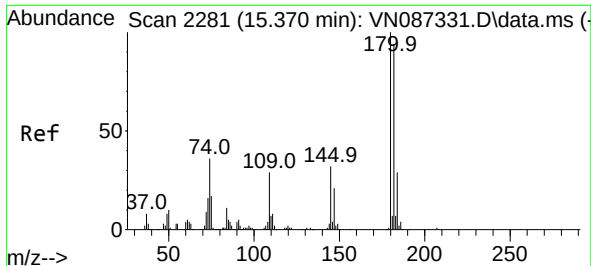
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.877 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

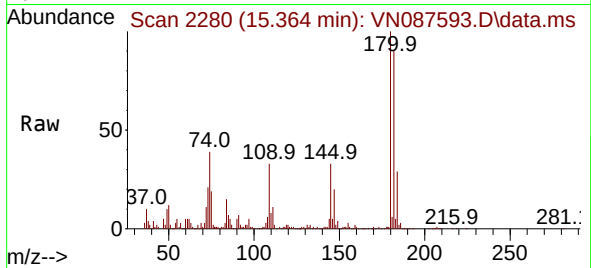
Tgt Ion: 75 Resp: 83038
Ion Ratio Lower Upper
75 100
155 71.1 37.3 111.8
157 92.8 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 49.664 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

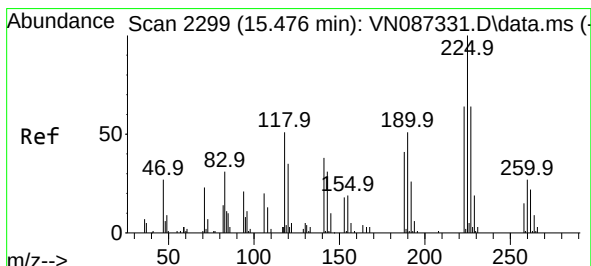
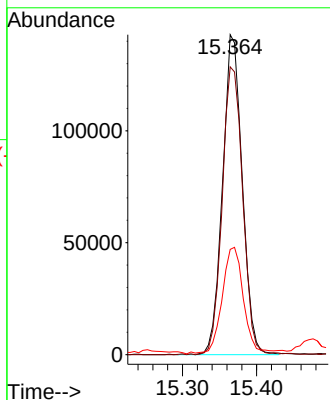
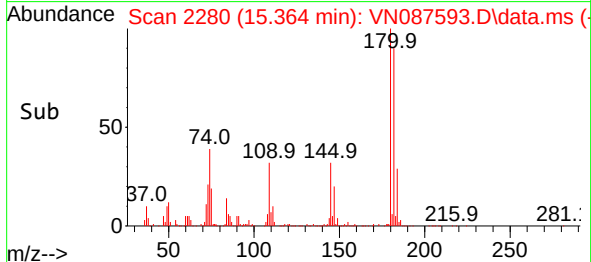
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 263479
Ion Ratio Lower Upper
180 100
182 93.2 47.3 141.8
145 36.2 15.4 46.4

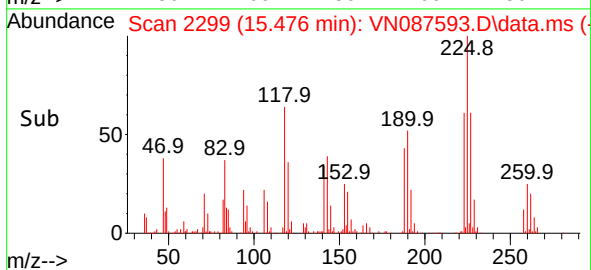
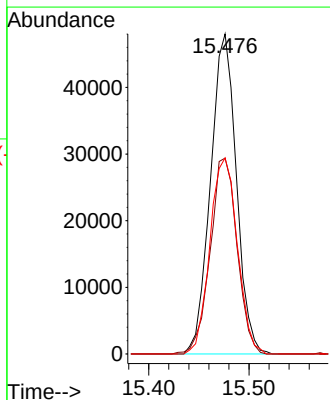
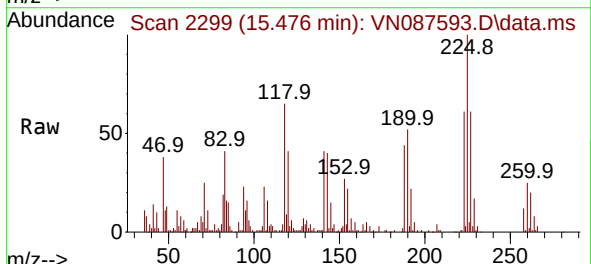
Manual Integrations
APPROVED

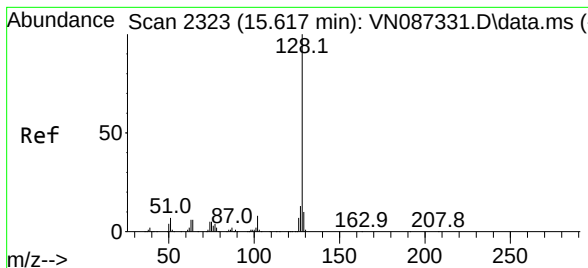
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#94
Hexachlorobutadiene
Concen: 43.616 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087593.D
Acq: 15 Aug 2025 19:17

Tgt Ion:225 Resp: 85980
Ion Ratio Lower Upper
225 100
223 63.5 32.1 96.3
227 65.1 31.3 93.9





#95

Naphthalene

Concen: 54.849 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 103086

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

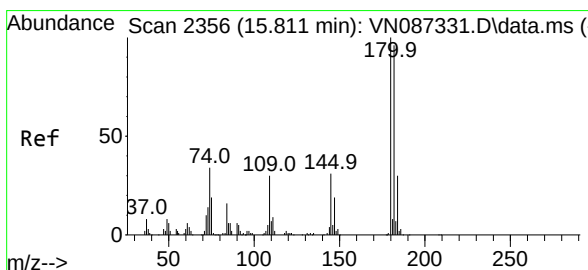
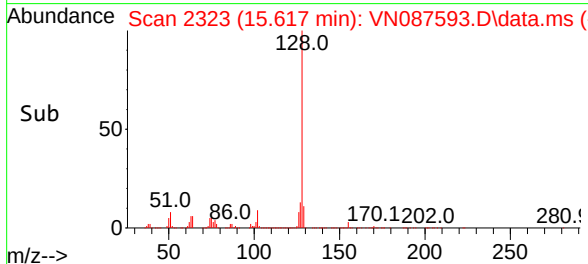
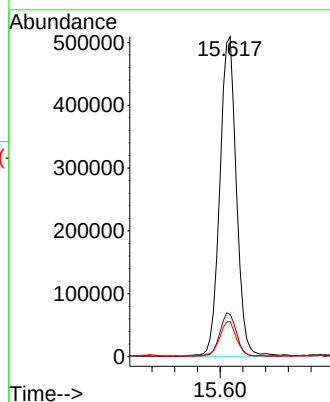
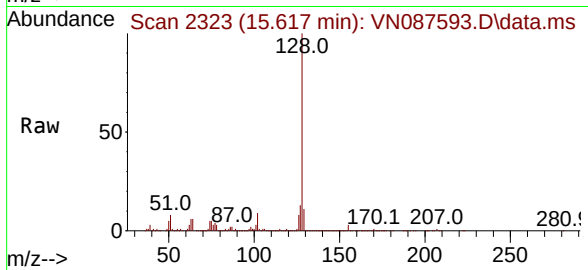
129 11.0 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#96

1,2,3-Trichlorobenzene

Concen: 49.447 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087593.D

Acq: 15 Aug 2025 19:17

Tgt Ion:180 Resp: 263139

Ion Ratio Lower Upper

180 100

182 92.1 47.1 141.4

145 35.5 16.9 50.6

