

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
 Data File : VN087883.D
 Acq On : 17 Sep 2025 16:21
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Sep 18 03:14:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/18/2025
 Supervised By : Mahesh Dadoda 09/18/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	49822	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	246415	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	239261	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	121230	28.485	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.933%		
60) 4-Bromofluorobenzene	12.829	95	116485	30.278	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.933%		
63) Toluene-d8	10.547	98	319132	28.681	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	51800	16.729	ug/l	96
3) Chloromethane	2.383	50	50221	15.450	ug/l	99
4) Vinyl Chloride	2.536	62	53443	14.544	ug/l	99
5) Bromomethane	2.977	94	31305	14.522	ug/l	96
6) Chloroethane	3.136	64	36526	14.544	ug/l #	85
7) Trichlorofluoromethane	3.512	101	91847	17.053	ug/l	88
8) Diethyl Ether	3.971	74	36164	15.901	ug/l	53
9) 1,1,2-Trichlorotrifluo...	4.365	101	50692	17.376	ug/l	87
10) 1,1-Dichloroethene	4.336	96	49749	16.540	ug/l	99
11) Methyl Iodide	4.583	142	29082	13.660	ug/l #	74
12) Methyl Acetate	5.018	43	99440	21.448	ug/l	100
13) Acrolein	4.171	56	94311m	114.246	ug/l	
14) Acrylonitrile	5.706	53	195465	97.945	ug/l	98
15) Acetone	4.424	58	54299	87.219	ug/l	99
16) Carbon Disulfide	4.706	76	130060	15.750	ug/l	98
17) Allyl chloride	5.018	41	87741	17.860	ug/l	98
18) Methylene Chloride	5.265	84	69972	20.538	ug/l	87
19) trans-1,2-Dichloroethene	5.783	96	55902	18.224	ug/l	96
20) Diisopropyl ether	6.659	45	203428	18.007	ug/l #	94
21) 1,1-Dichloroethane	6.553	63	114011	18.429	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	75265	20.214	ug/l	98
23) tert-Butyl Alcohol	5.524	59	70093	99.358	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	215795	20.097	ug/l	100
25) Chloroform	7.953	83	127340	19.665	ug/l	93
26) Cyclohexane	8.241	56	80221	17.027	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	78493	19.600	ug/l	99
30) 2-Butanone	7.471	43	282316	102.336	ug/l	99
31) 2,2-Dichloropropane	7.483	77	100085	20.732	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	106385	20.954	ug/l	98
33) Carbon Tetrachloride	8.341	117	87289	20.620	ug/l	97
34) Benzene	8.588	78	261735	20.222	ug/l	96
35) Methacrylonitrile	7.765	41	55112	19.099	ug/l	95
36) 1,2-Dichloroethane	8.647	62	99350	20.322	ug/l	100
37) Trichloroethene	9.335	130	60114	20.777	ug/l	99
38) Methylcyclohexane	9.582	83	78607	17.826	ug/l	97
39) 1,2-Dichloropropane	9.600	63	66757	20.138	ug/l	99
40) Dibromomethane	9.688	93	54023	21.899	ug/l	96
41) Bromodichloromethane	9.871	83	106138	21.050	ug/l #	95
42) Vinyl Acetate	6.594	43	850430	92.264	ug/l	97

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

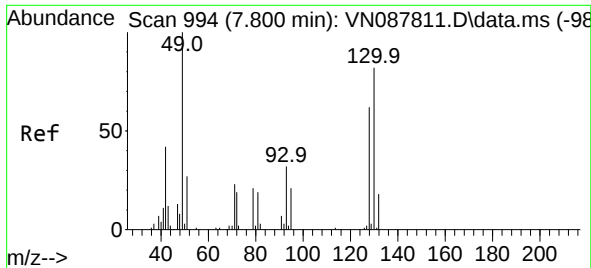
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Reviewed By : John Carlone 09/18/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	110355	19.579	ug/l	99
44) Isopropyl Acetate	8.671	43	168043	19.018	ug/l	99
45) 1,4-Dioxane	9.682	88	23838	427.798	ug/l	88
46) Methyl methacrylate	9.665	41	78411	19.253	ug/l	94
47) n-amyl Acetate	12.565	43	88351m	14.796	ug/l	
48) t-1,3-Dichloropropene	10.818	75	103881	19.836	ug/l	98
49) cis-1,3-Dichloropropene	10.288	75	107165	19.979	ug/l	90
50) 1,1,2-Trichloroethane	10.994	97	71141	22.327	ug/l	95
51) Ethyl methacrylate	10.859	69	98875	19.940	ug/l	95
52) 1,3-Dichloropropane	11.141	76	118779	21.468	ug/l	100
53) Dibromochloromethane	11.335	129	81236	22.739	ug/l	89
54) 1,2-Dibromoethane	11.447	107	73390	22.136	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	261868	92.170	ug/l	97
56) Bromoform	12.559	173	54802	23.489	ug/l	95
58) 4-Methyl-2-Pentanone	10.424	43	573684	101.406	ug/l	98
59) 2-Hexanone	11.176	43	356367	96.401	ug/l	97
61) Tetrachloroethene	11.088	164	48390	20.313	ug/l	96
62) Toluene	10.612	91	283936	19.619	ug/l	99
64) Chlorobenzene	11.870	112	179753	20.237	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.935	131	67283	21.515	ug/l	95
66) Ethyl Benzene	11.941	91	299529	19.184	ug/l	92
67) m/p-Xylenes	12.047	106	235410	40.618	ug/l	89
68) o-Xylene	12.376	106	116201	20.678	ug/l	98
69) Styrene	12.388	104	197098	20.180	ug/l	99
70) Isopropylbenzene	12.676	105	291673	20.470	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	112287	21.921	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	105410m	20.958	ug/l	
73) Bromobenzene	12.959	156	78570	22.538	ug/l	85
74) n-propylbenzene	13.012	91	355867	19.794	ug/l	97
75) 2-Chlorotoluene	13.106	91	222172	20.533	ug/l	95
76) 1,3,5-Trimethylbenzene	13.153	105	248772	20.675	ug/l	97
77) t-1,4-Dichloro-2-butene	12.717	75	34017	20.038	ug/l	91
78) 4-Chlorotoluene	13.200	91	224392	20.570	ug/l	99
79) tert-butylbenzene	13.417	119	210768	20.916	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	254138	20.601	ug/l	99
81) sec-Butylbenzene	13.594	105	304709	20.558	ug/l	98
82) p-Isopropyltoluene	13.706	119	255402	20.914	ug/l	96
83) 1,3-Dichlorobenzene	13.712	146	145553	21.657	ug/l	97
84) 1,4-Dichlorobenzene	13.788	146	152739	22.673	ug/l	99
85) n-Butylbenzene	14.035	91	239728	20.422	ug/l	97
86) Hexachloroethane	14.306	117	52165	21.030	ug/l	90
87) 1,2-Dichlorobenzene	14.082	146	144653	22.821	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.700	75	26095	22.956	ug/l	95
89) 1,2,4-Trichlorobenzene	15.817	180	79317	22.001	ug/l	98
90) Hexachlorobutadiene	15.476	225	28327	23.438	ug/l	92
91) Naphthalene	15.611	128	276408	20.825	ug/l	99
92) 1,2,3-Trichlorobenzene	15.817	180	79317	22.001	ug/l	98

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



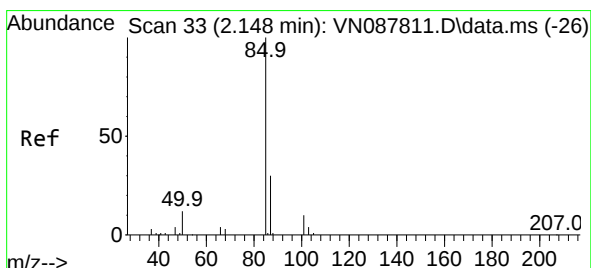
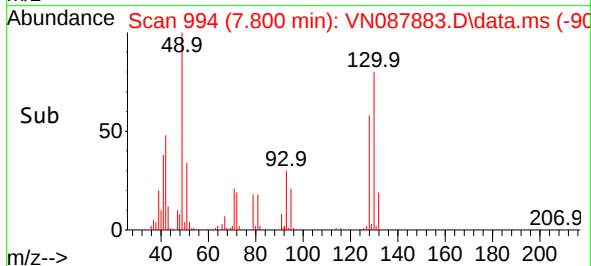
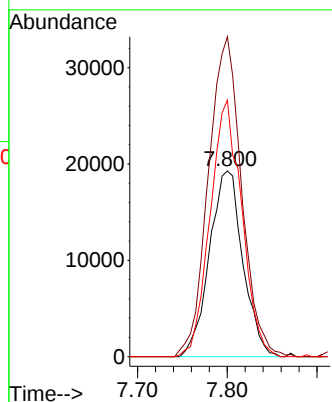
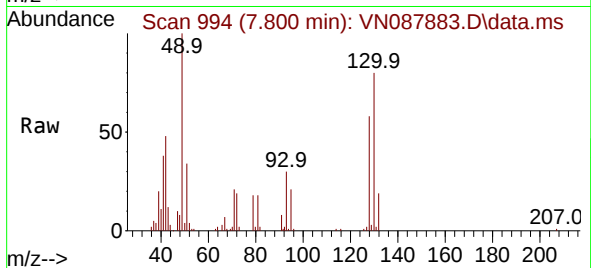
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 4982
Ion Ratio Lower Upper
128 100
49 171.4 0.0 464.3
130 131.0 0.0 300.5

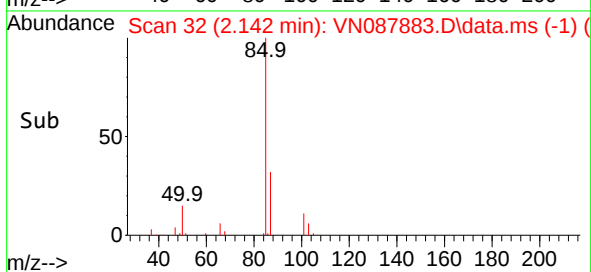
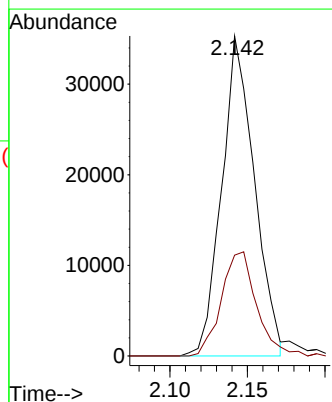
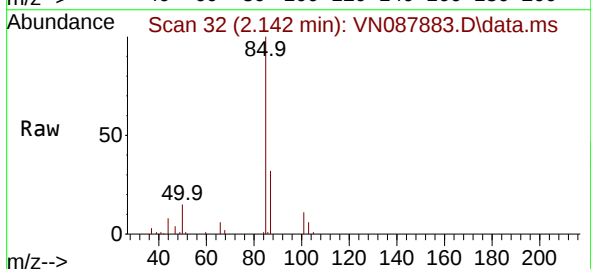
Manual Integrations
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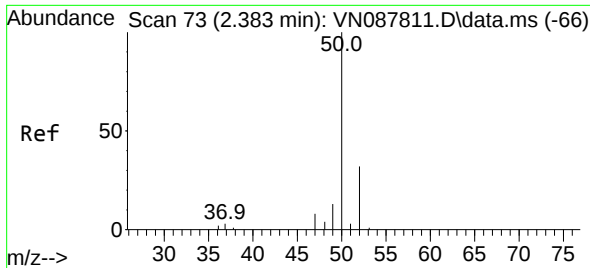
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#2
Dichlorodifluoromethane
Concen: 16.729 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

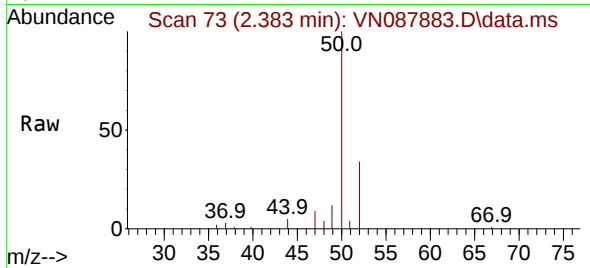
Tgt Ion: 85 Resp: 51800
Ion Ratio Lower Upper
85 100
87 31.5 16.8 50.4





#3
Chloromethane
Concen: 15.450 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

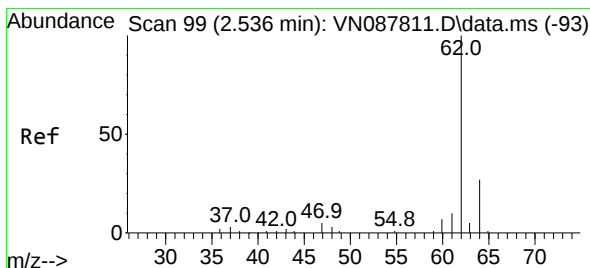
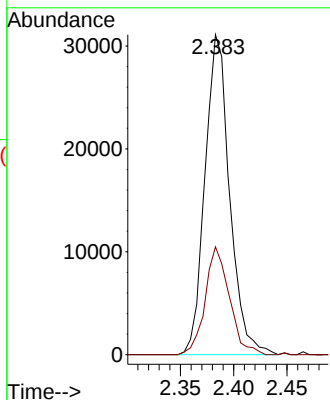
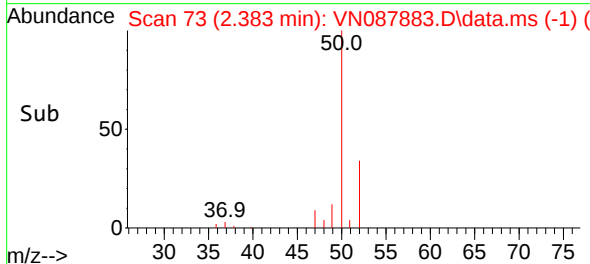
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 5022
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0

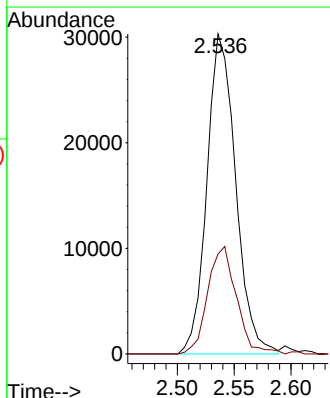
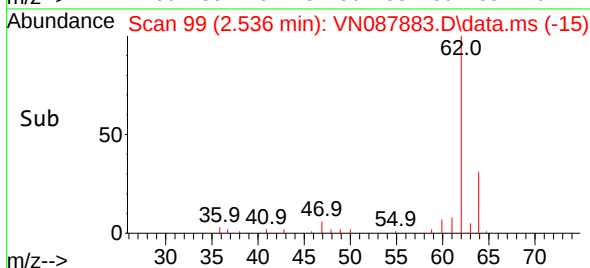
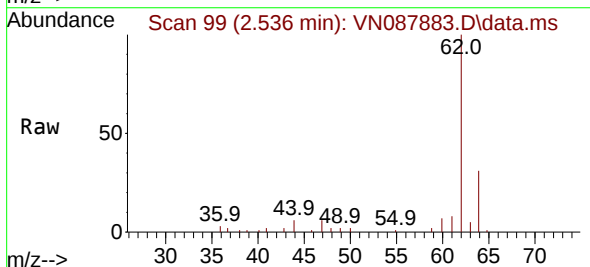
Manual Integrations
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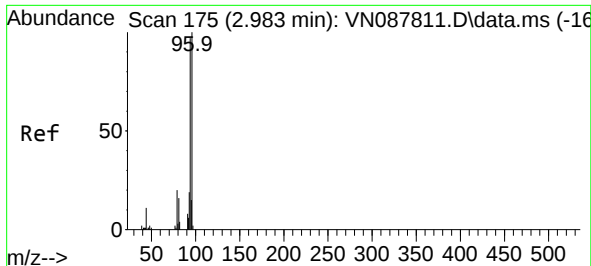
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#4
Vinyl Chloride
Concen: 14.544 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

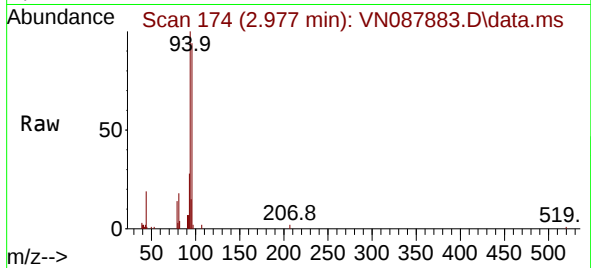
Tgt Ion: 62 Resp: 53443
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3





#5
Bromomethane
Concen: 14.522 ug/l
RT: 2.977 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

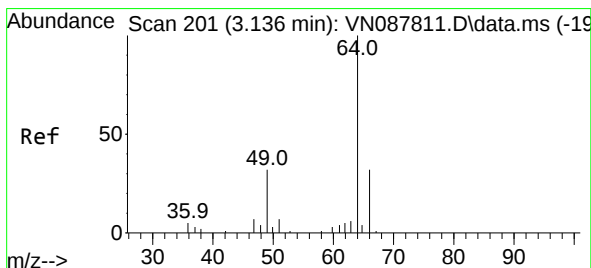
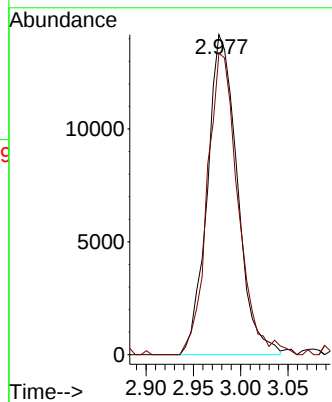
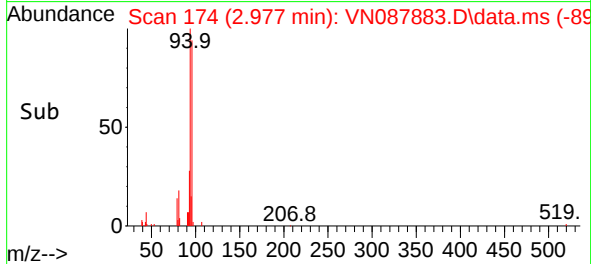
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 3130
Ion Ratio Lower Upper
94 100
96 94.2 72.2 108.4

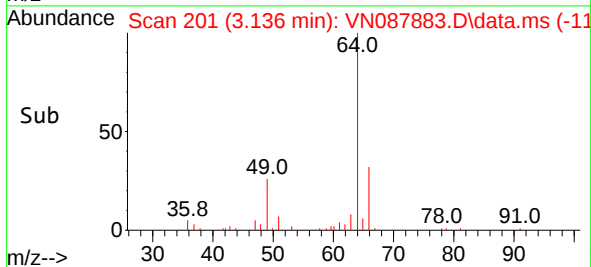
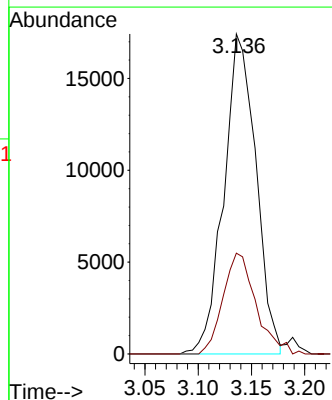
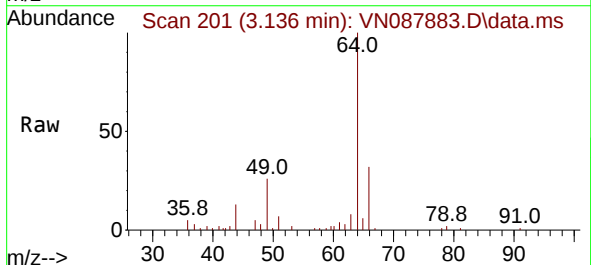
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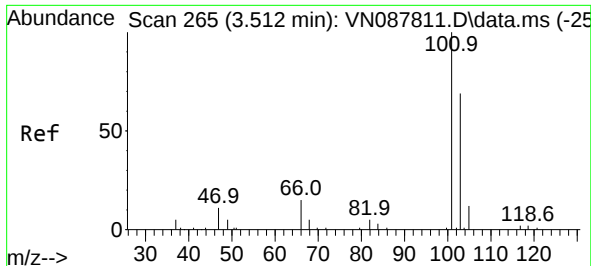
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#6
Chloroethane
Concen: 14.544 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

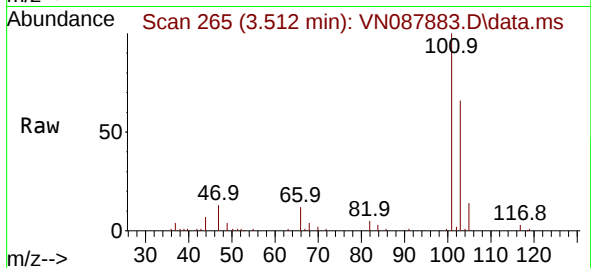
Tgt Ion: 64 Resp: 36526
Ion Ratio Lower Upper
64 100
66 31.5 32.8 49.2#





#7
Trichlorofluoromethane
Concen: 17.053 ug/l
RT: 3.512 min Scan# 265
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

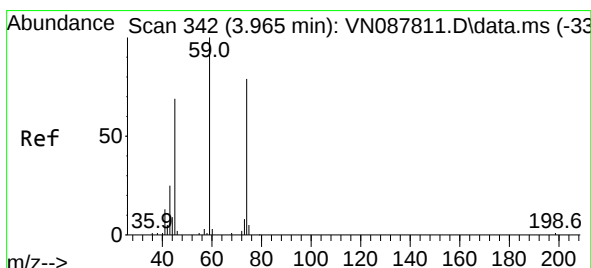
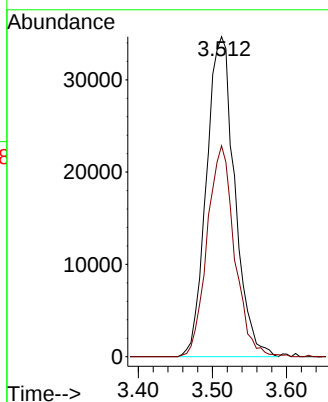
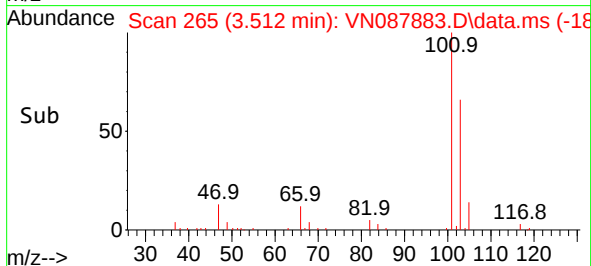
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:101 Resp: 9184
Ion Ratio Lower Upper
101 100
103 65.9 45.7 68.5

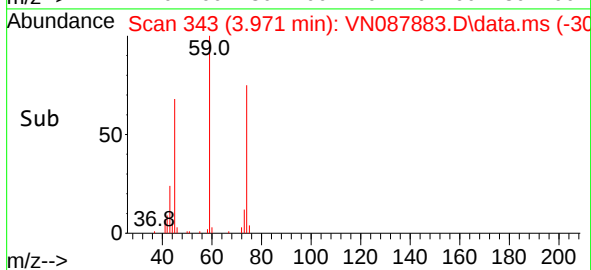
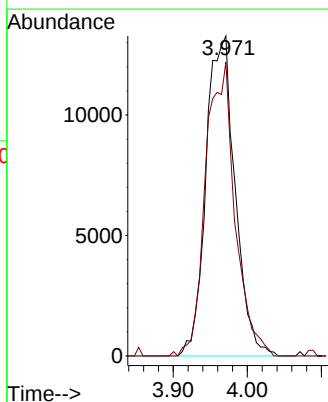
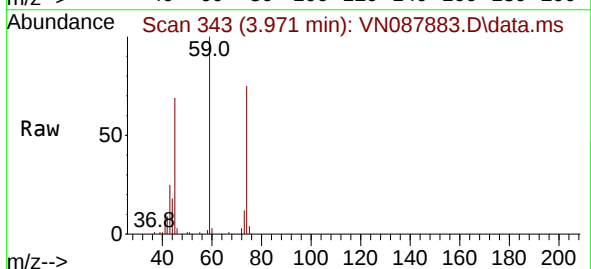
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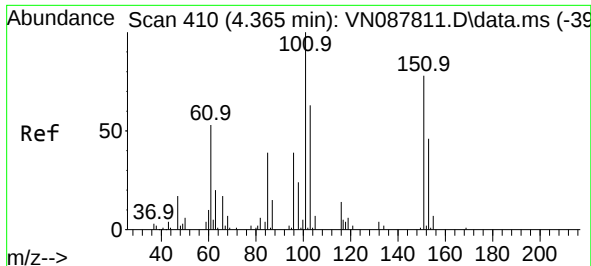
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#8
Diethyl Ether
Concen: 15.901 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.017 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Tgt Ion: 74 Resp: 36164
Ion Ratio Lower Upper
74 100
45 54.2 20.4 183.8





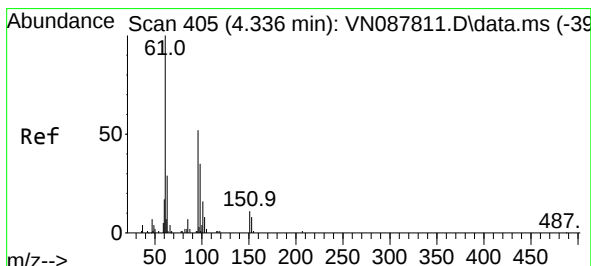
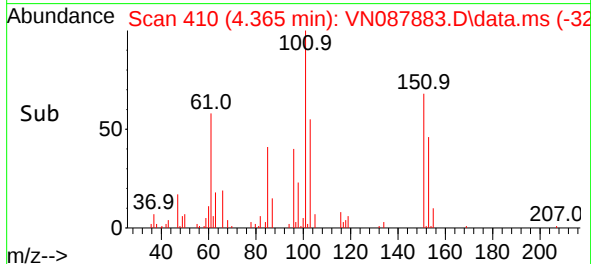
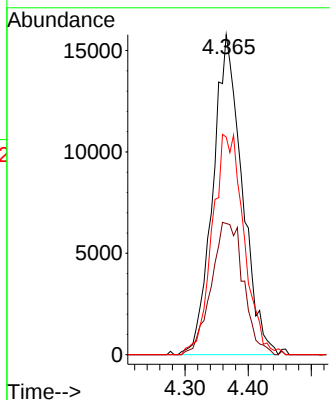
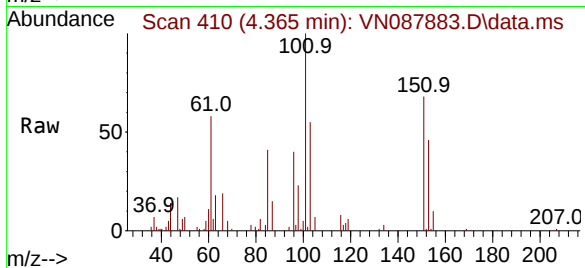
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1,1,2-Trichlorotrifluoroethane
Concen: 17.376 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 50692
Ion Ratio Lower Upper
101 100
85 31.9 0.0 95.6
151 43.6 0.0 85.8

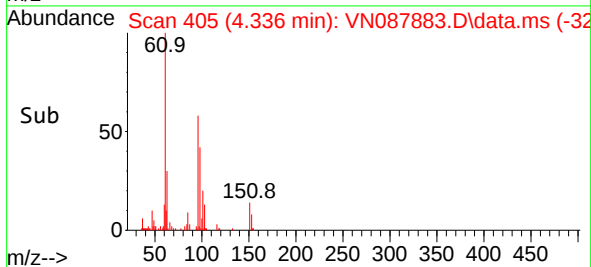
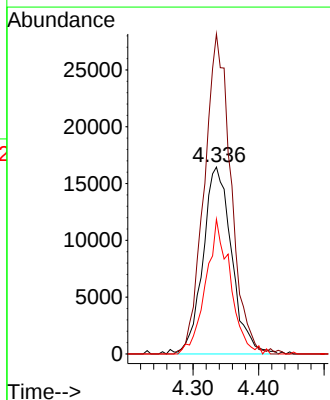
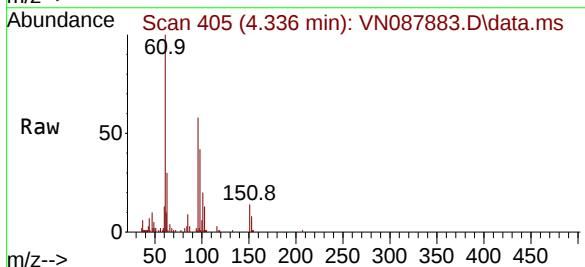
Manual Integrations
APPROVED

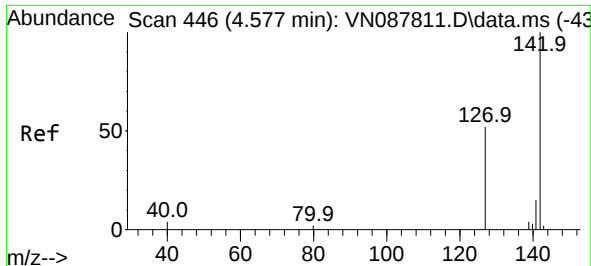
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#10
1,1-Dichloroethene
Concen: 16.540 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

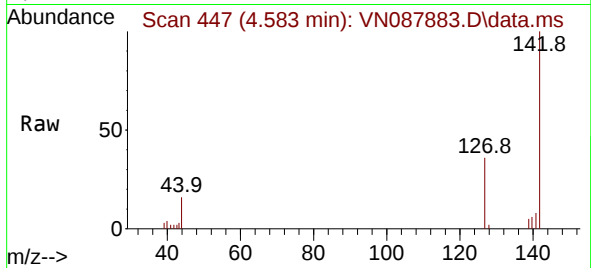
Tgt Ion: 96 Resp: 49749
Ion Ratio Lower Upper
96 100
61 169.5 135.9 203.9
98 72.0 59.2 88.8





#11
Methyl Iodide
Concen: 13.660 ug/l
RT: 4.583 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

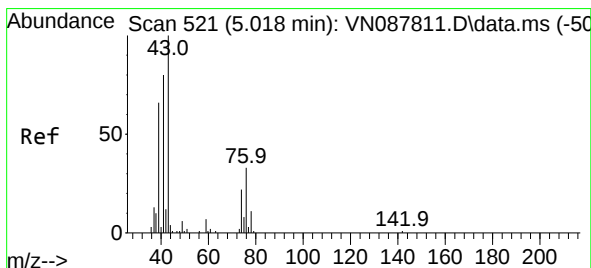
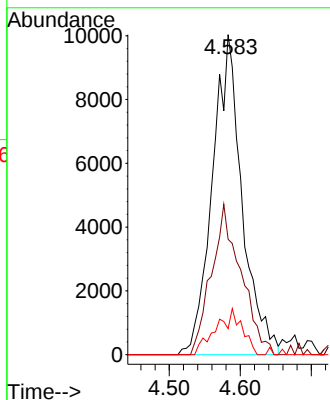
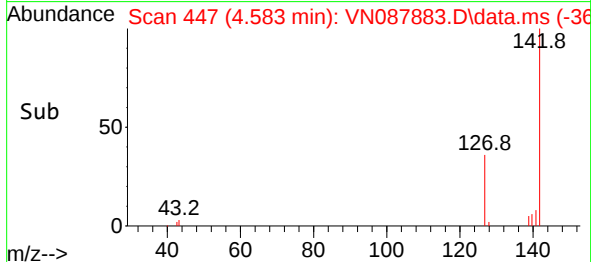
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 2908
Ion Ratio Lower Upper
142 100
127 36.5 27.9 83.7
141 8.3 9.6 28.8

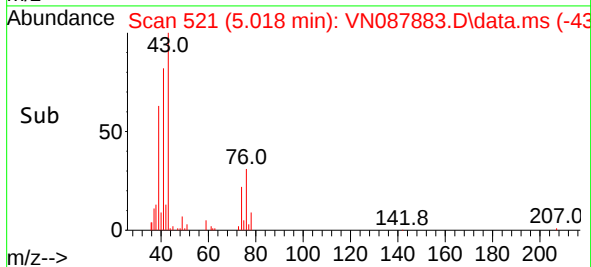
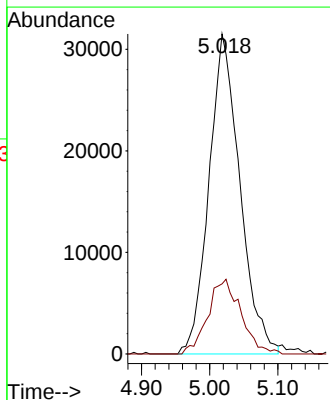
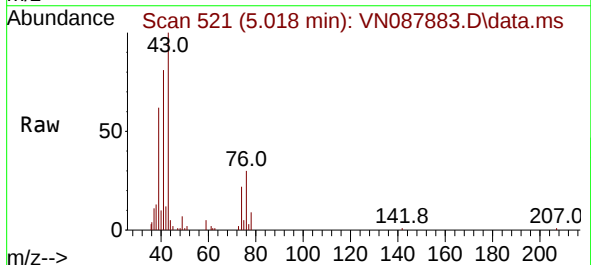
Manual Integrations
APPROVED

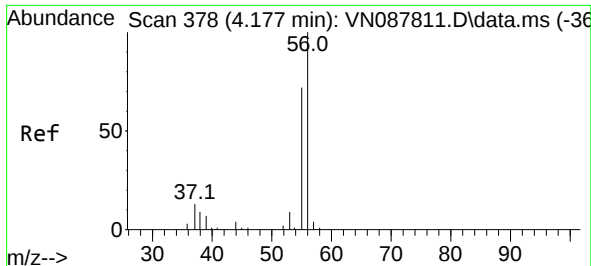
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#12
Methyl Acetate
Concen: 21.448 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Tgt Ion: 43 Resp: 99440
Ion Ratio Lower Upper
43 100
74 21.7 17.5 26.3





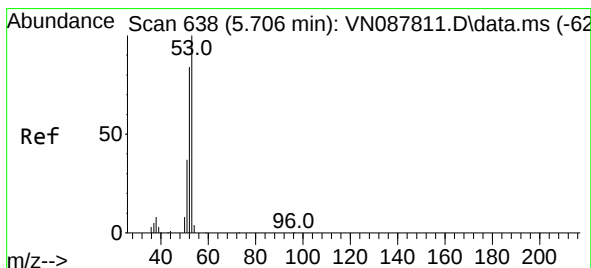
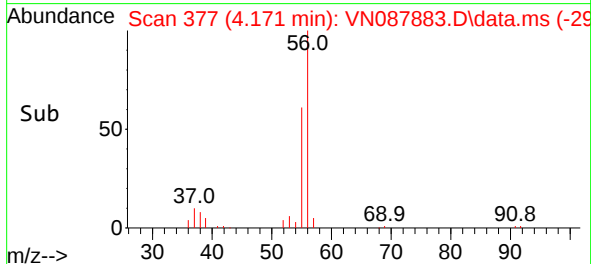
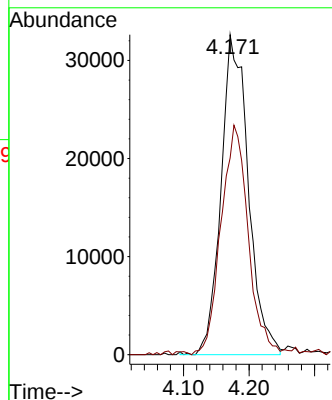
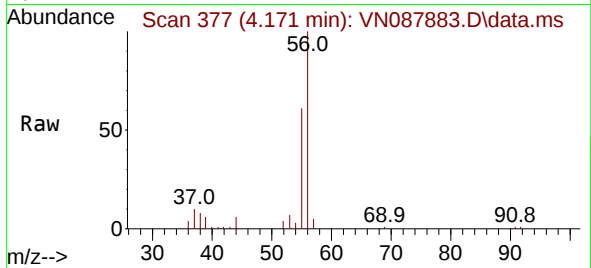
#13
Acrolein
Concen: 114.246 ug/l m
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 9431
Ion Ratio Lower Upper
56 100
55 71.5 28.6 42.8

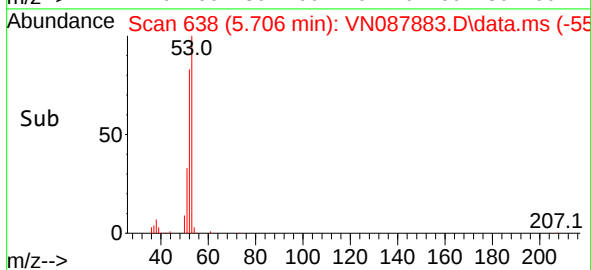
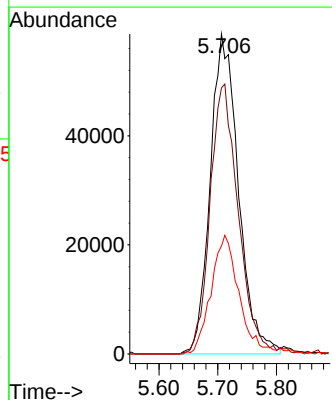
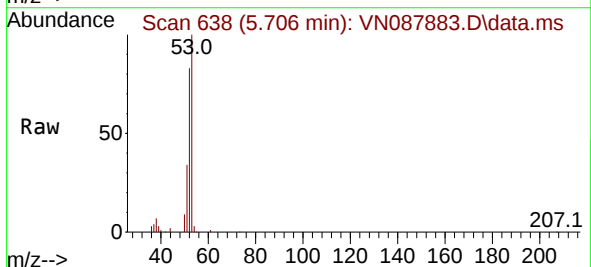
Manual Integrations
APPROVED

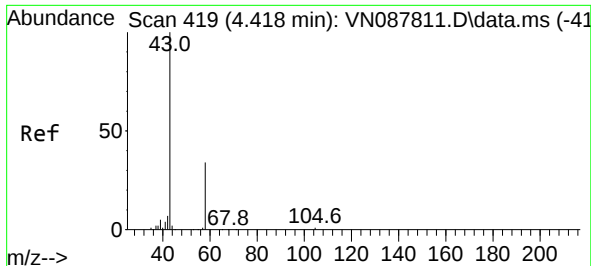
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#14
Acrylonitrile
Concen: 97.945 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Tgt Ion: 53 Resp: 195465
Ion Ratio Lower Upper
53 100
52 84.1 40.9 122.7
51 35.7 18.1 54.1





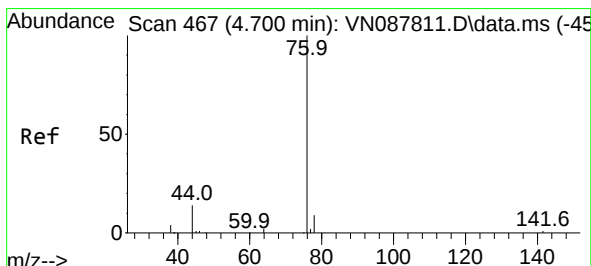
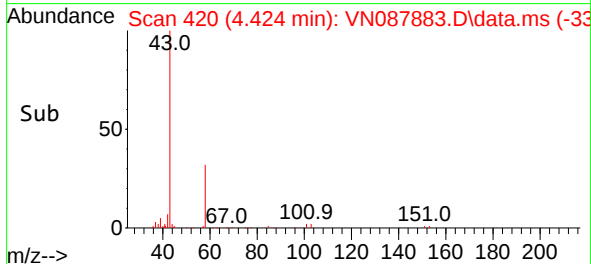
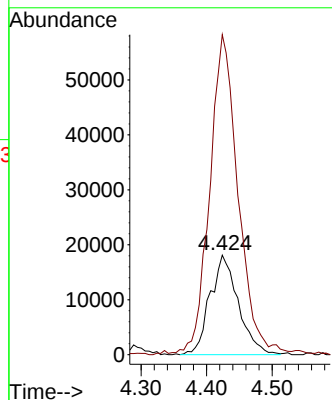
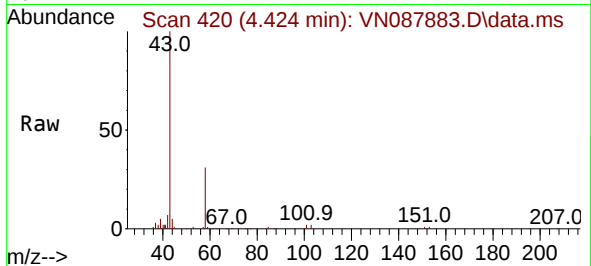
#15
Acetone
Concen: 87.219 ug/l
RT: 4.424 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 54299
Ion Ratio Lower Upper
58 100
43 316.2 250.6 376.0

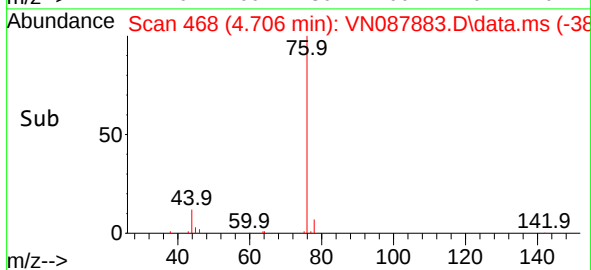
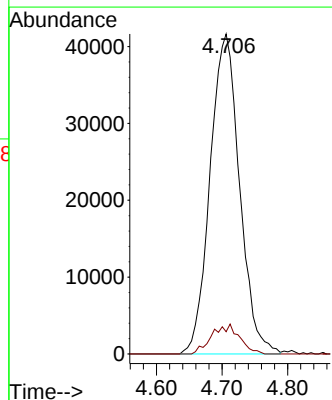
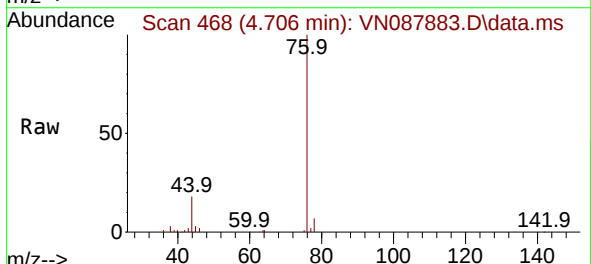
Manual Integrations
APPROVED

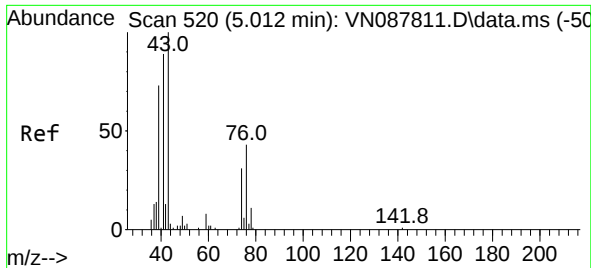
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#16
Carbon Disulfide
Concen: 15.750 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

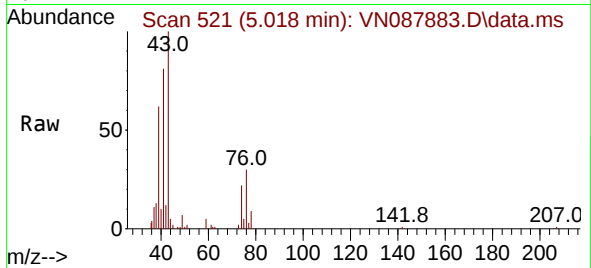
Tgt Ion: 76 Resp: 130060
Ion Ratio Lower Upper
76 100
78 7.0 5.0 7.6





#17
 Allyl chloride
 Concen: 17.860 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087883.D
 Acq: 17 Sep 2025 16:21

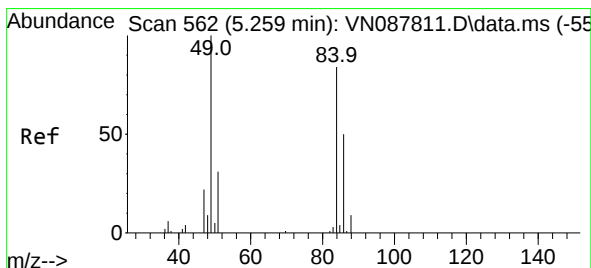
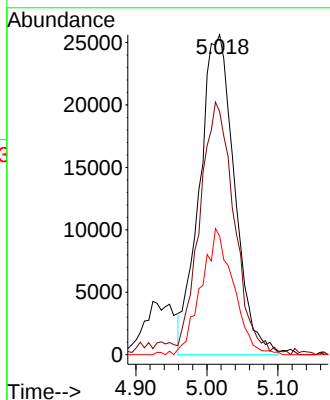
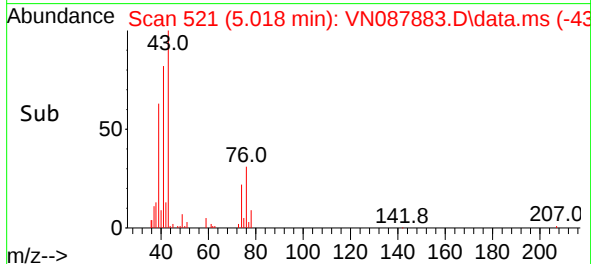
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 8774
 Ion Ratio Lower Upper
 41 100
 39 75.4 36.7 110.1
 76 36.6 18.3 54.8

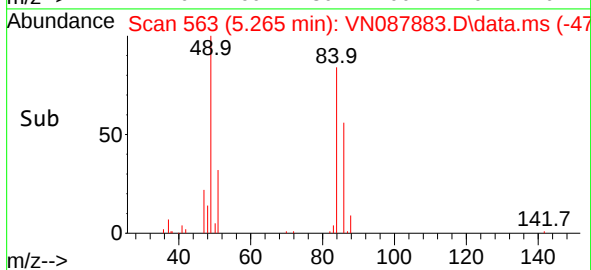
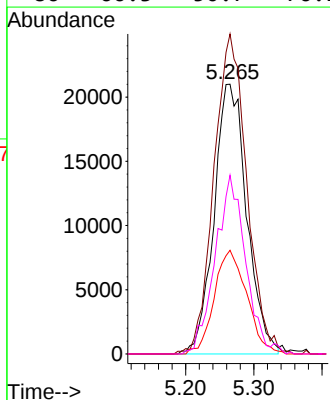
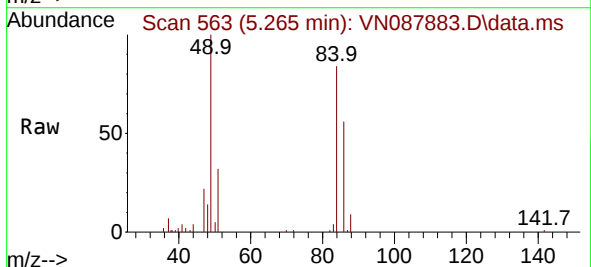
Manual Integrations
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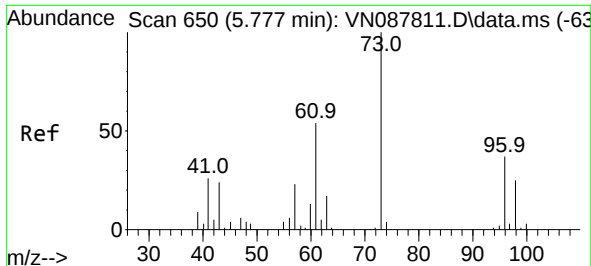
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#18
 Methylene Chloride
 Concen: 20.538 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.000 min
 Lab File: VN087883.D
 Acq: 17 Sep 2025 16:21

Tgt Ion: 84 Resp: 69972
 Ion Ratio Lower Upper
 84 100
 49 117.6 114.1 171.1
 51 38.5 30.2 45.4
 86 66.3 50.7 76.1





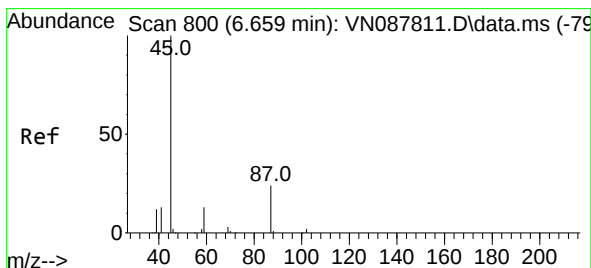
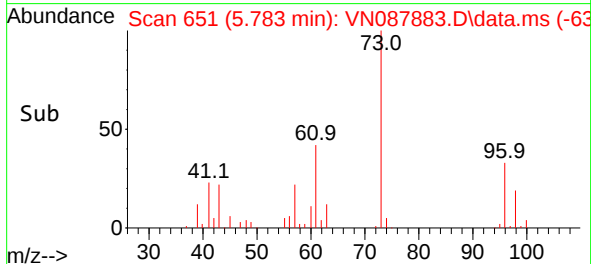
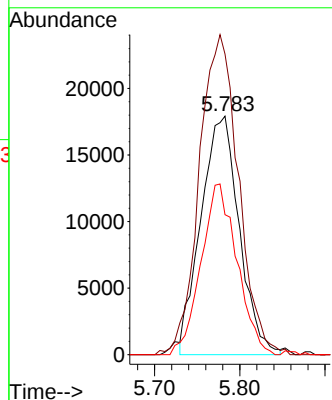
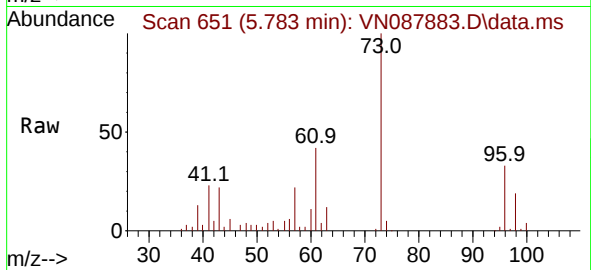
#19
trans-1,2-Dichloroethene
Concen: 18.224 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 55902
Ion Ratio Lower Upper
96 100
61 127.0 106.4 159.6
98 60.0 48.9 73.3

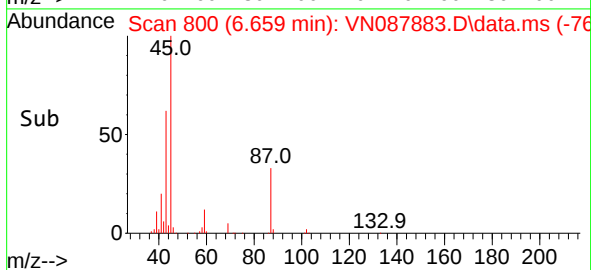
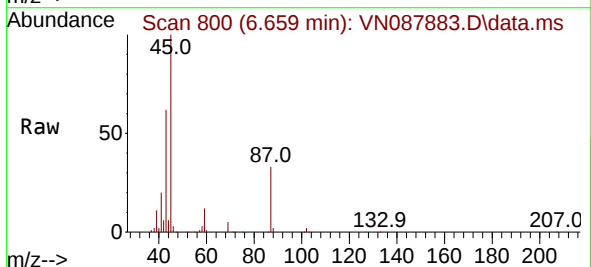
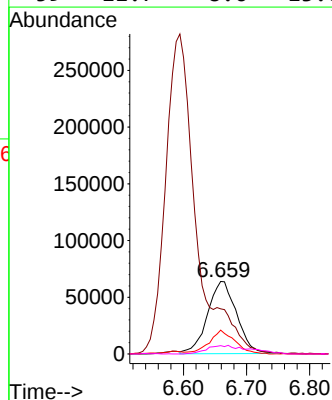
Manual Integrations
APPROVED

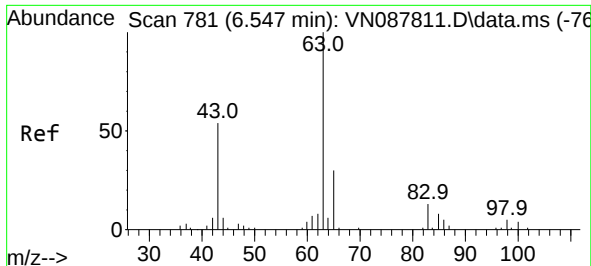
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#20
Diisopropyl ether
Concen: 18.007 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Tgt Ion: 45 Resp: 203428
Ion Ratio Lower Upper
45 100
43 61.0 49.5 74.3
87 33.2 18.8 28.2#
59 11.7 8.6 13.0





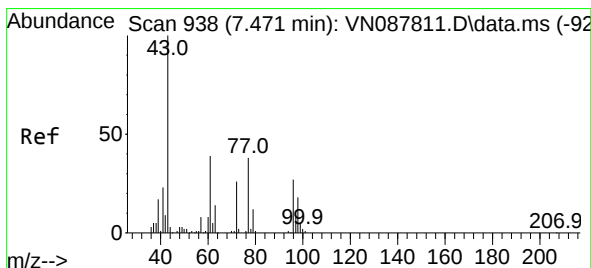
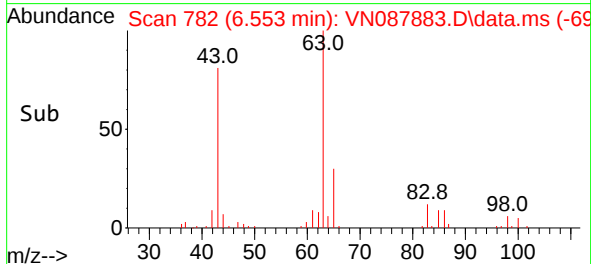
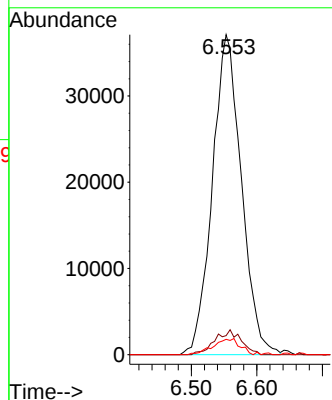
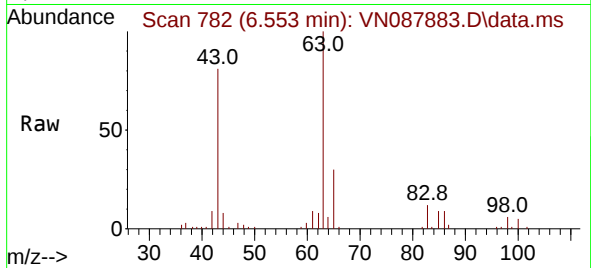
#21
1,1-Dichloroethane
Concen: 18.429 ug/l
RT: 6.553 min Scan# 781
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 11401
Ion Ratio Lower Upper
63 100
98 5.9 2.9 8.8
100 4.8 1.8 5.3

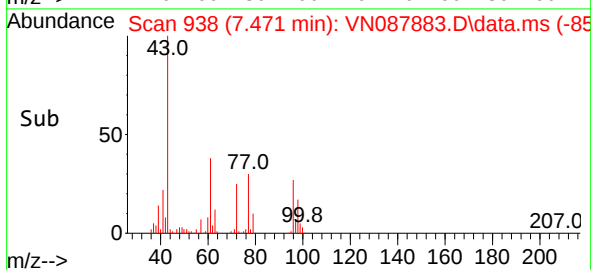
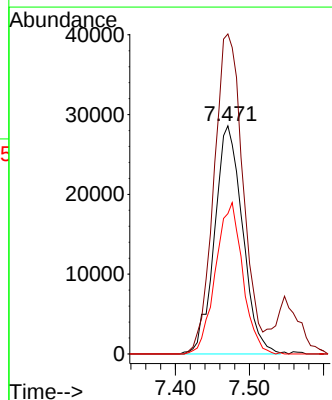
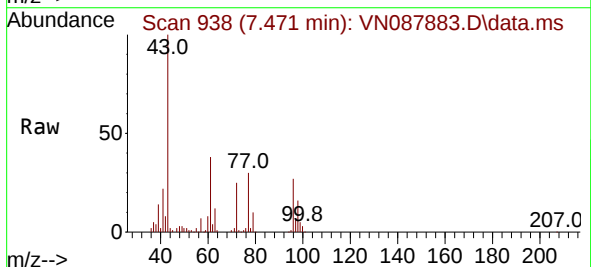
Manual Integrations
APPROVED

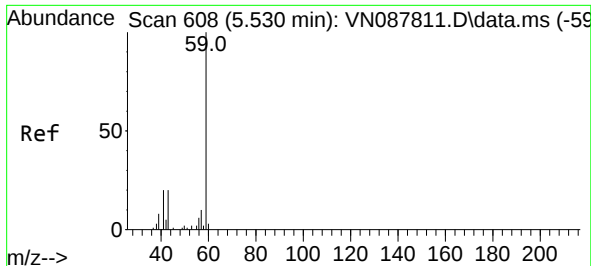
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#22
cis-1,2-Dichloroethene
Concen: 20.214 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Tgt Ion: 96 Resp: 75265
Ion Ratio Lower Upper
96 100
61 144.6 118.2 177.2
98 64.0 51.6 77.4





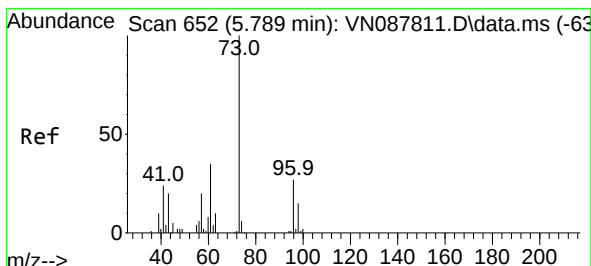
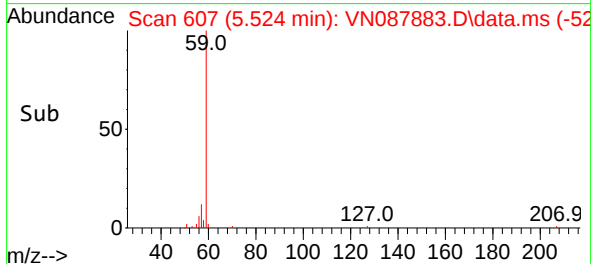
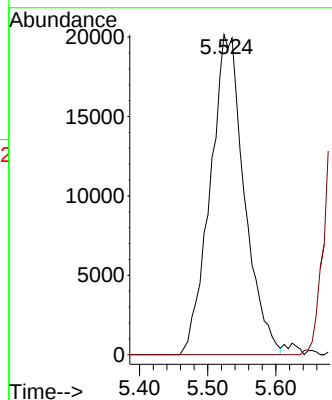
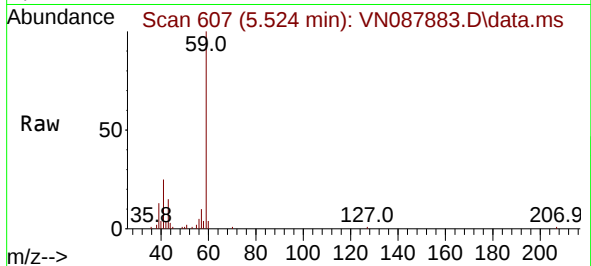
#23
tert-Butyl Alcohol
Concen: 99.358 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 7009
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

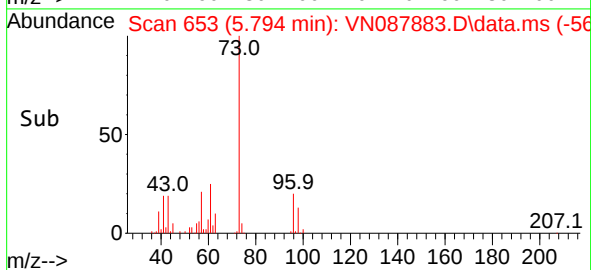
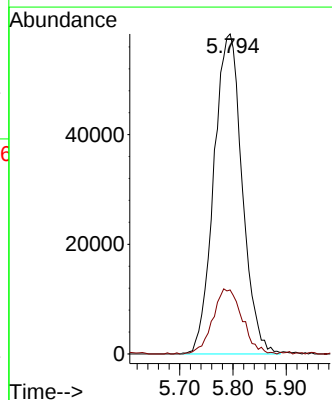
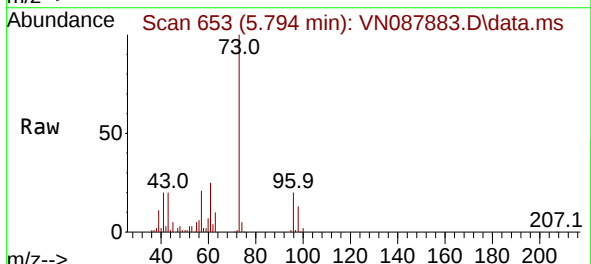
Manual Integrations
APPROVED

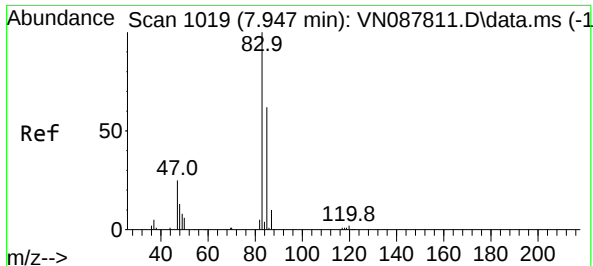
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#24
Methyl tert-Butyl Ether
Concen: 20.097 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Tgt Ion: 73 Resp: 215795
Ion Ratio Lower Upper
73 100
43 21.0 16.8 25.2





#25

Chloroform

Concen: 19.665 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 127340

Ion Ratio Lower Upper

83 100

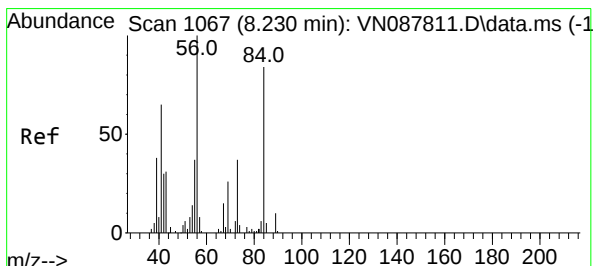
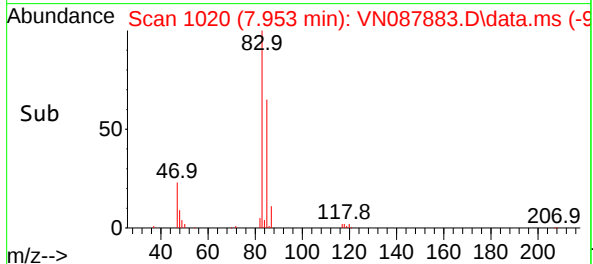
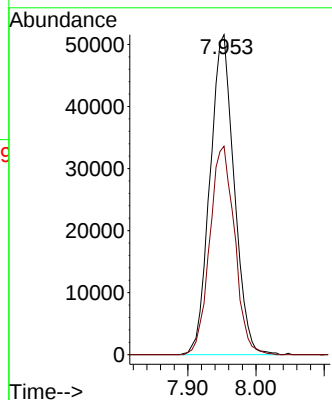
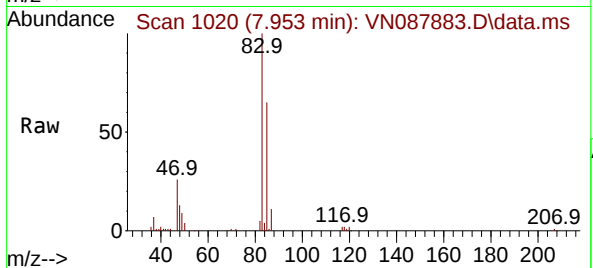
85 65.2 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#26

Cyclohexane

Concen: 17.027 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

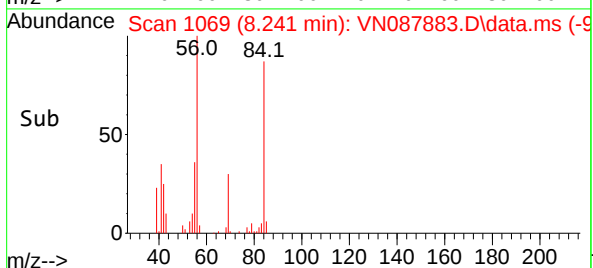
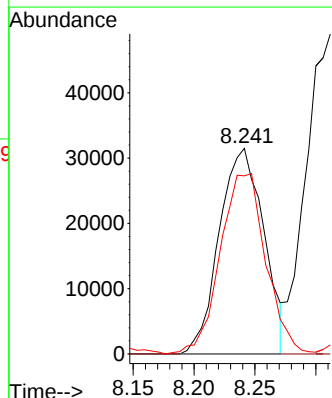
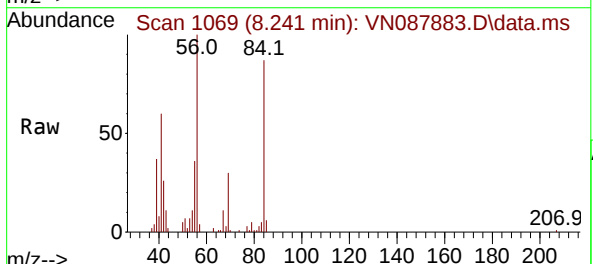
Tgt Ion: 56 Resp: 80221

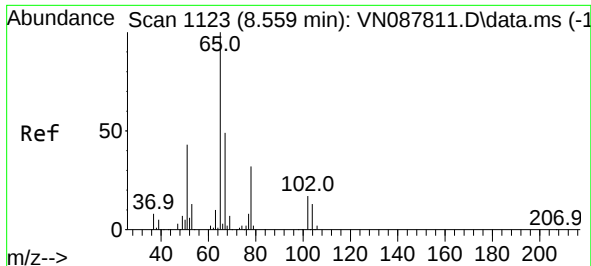
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.7 69.4 104.2





#27

1,2-Dichloroethane-d4

Concen: 28.485 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 121230

Ion Ratio Lower Upper

65 100

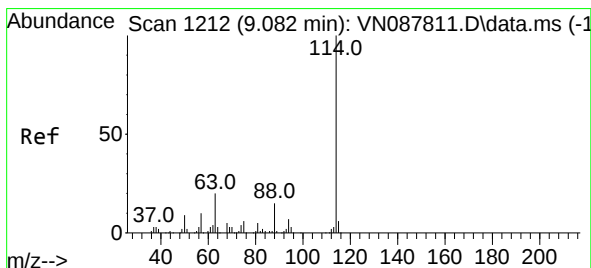
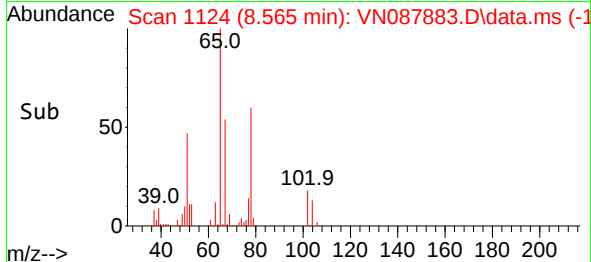
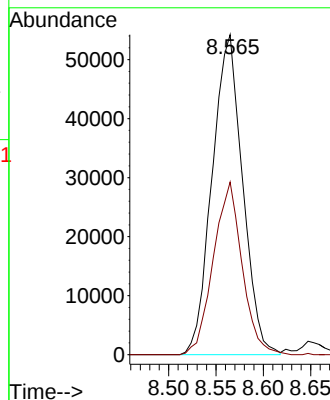
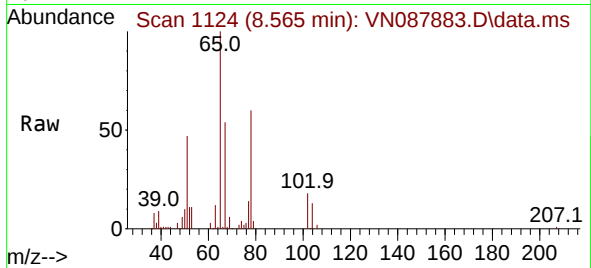
67 51.1 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

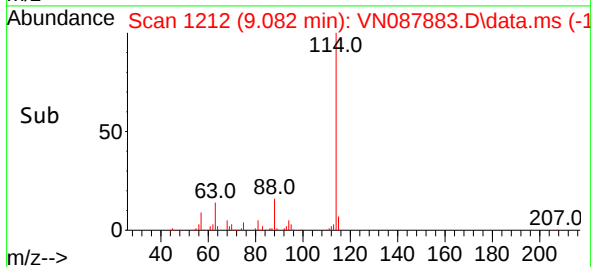
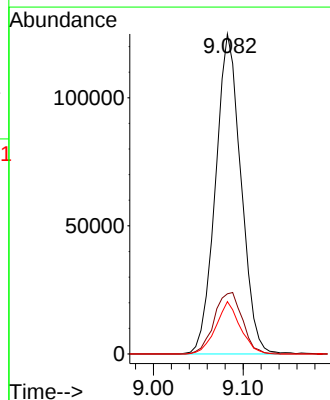
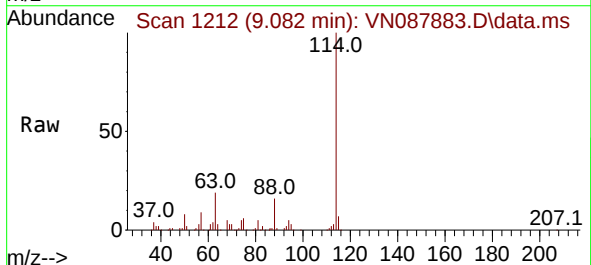
Tgt Ion:114 Resp: 246415

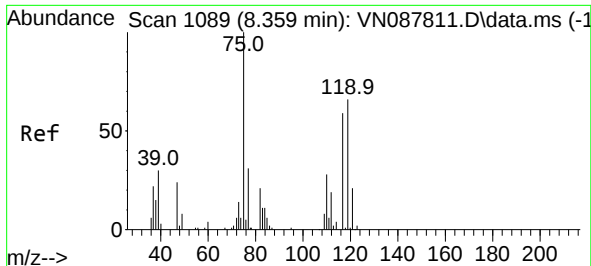
Ion Ratio Lower Upper

114 100

63 21.2 18.3 27.5

88 15.6 12.4 18.6





#29

1,1-Dichloropropene

Concen: 19.600 ug/l

RT: 8.353 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

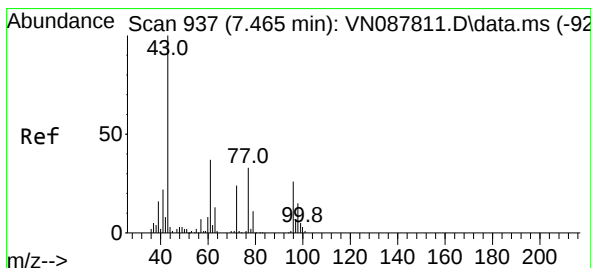
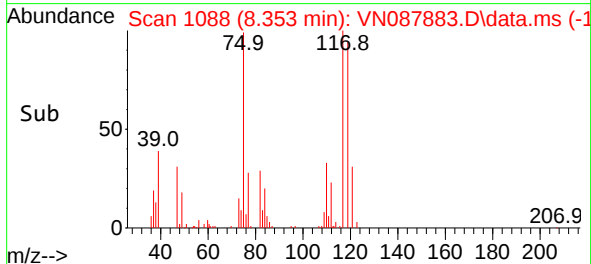
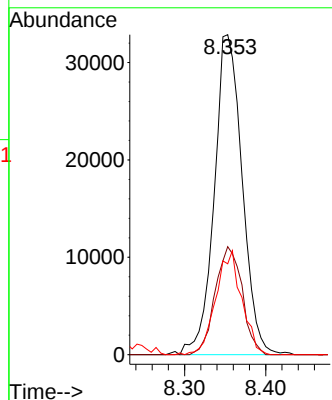
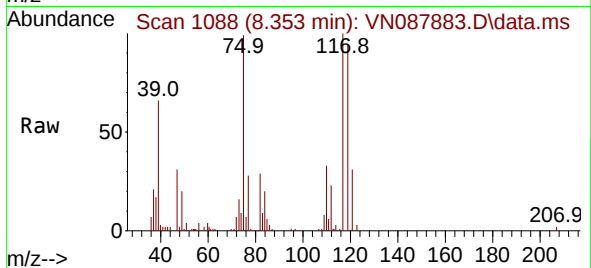
Tgt Ion: 75	Resp: 7849
Ion Ratio	Lower Upper
75 100	
110 32.6	0.0 64.4
77 30.1	0.0 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#30

2-Butanone

Concen: 102.336 ug/l

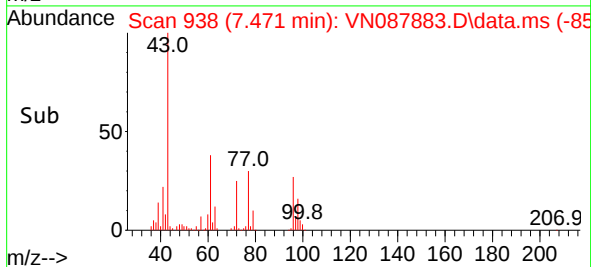
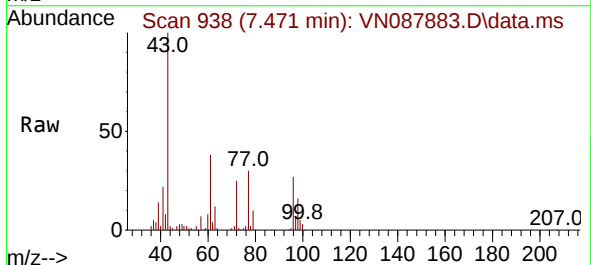
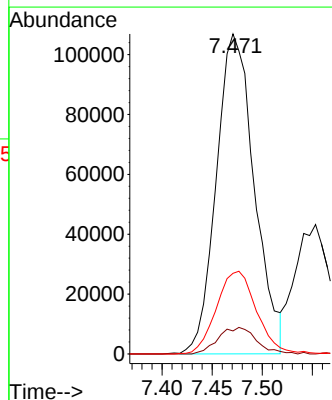
RT: 7.471 min Scan# 938

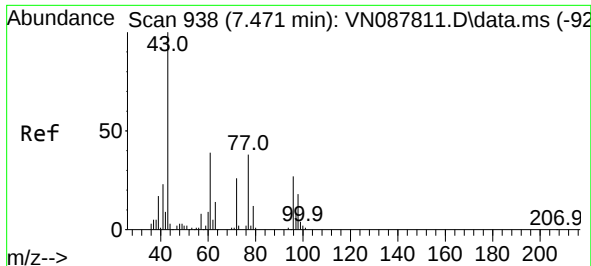
Delta R.T. -0.000 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

Tgt Ion: 43	Resp: 282316
Ion Ratio	Lower Upper
43 100	
57 8.3	6.3 9.5
72 27.0	21.4 32.2





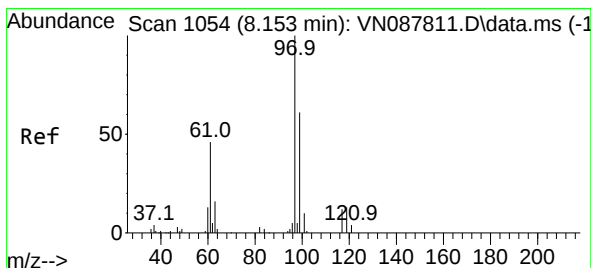
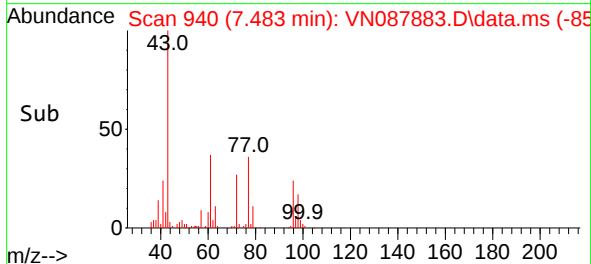
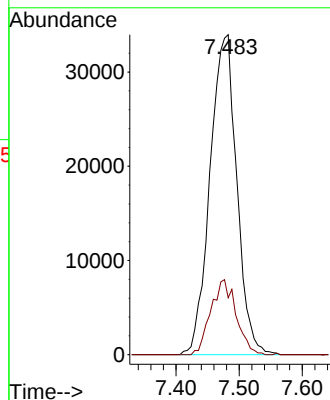
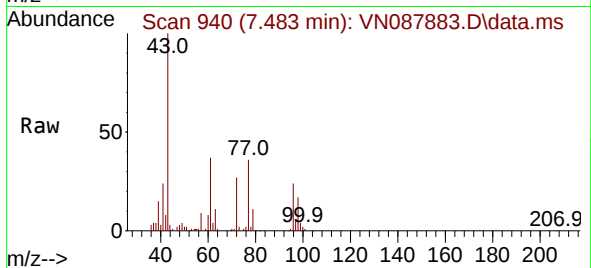
#31
2,2-Dichloropropane
Concen: 20.732 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 100085
Ion Ratio Lower Upper
77 100
97 22.2 17.1 25.7

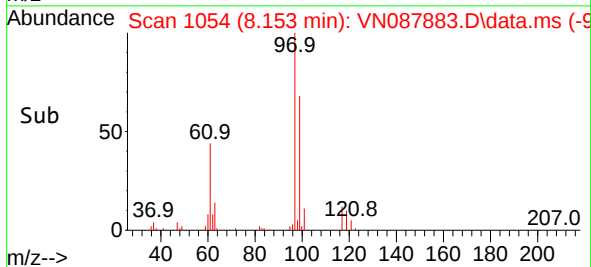
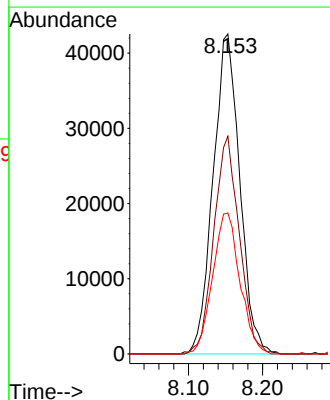
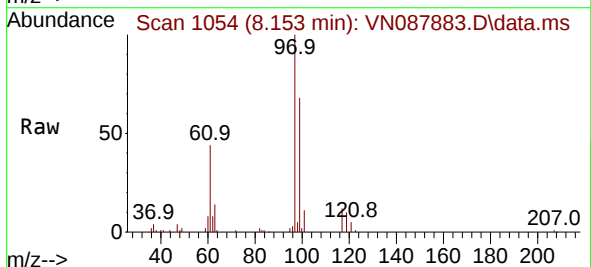
Manual Integrations
APPROVED

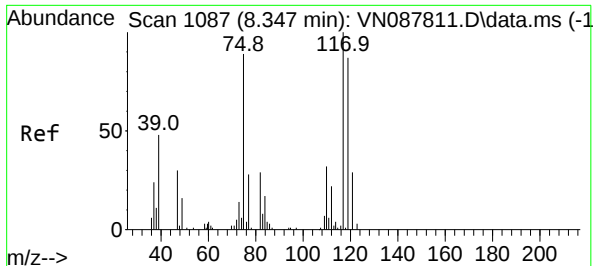
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#32
1,1,1-Trichloroethane
Concen: 20.954 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

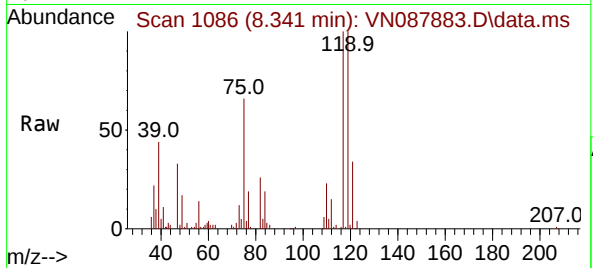
Tgt Ion: 97 Resp: 106385
Ion Ratio Lower Upper
97 100
99 65.1 52.2 78.4
61 45.2 37.9 56.9





#33
Carbon Tetrachloride
Concen: 20.620 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

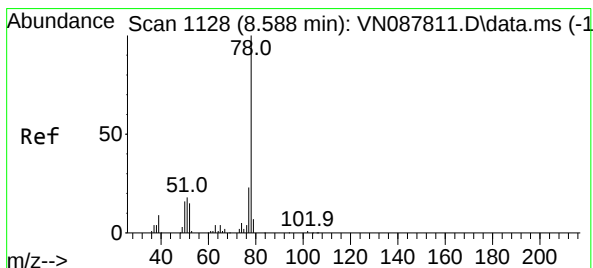
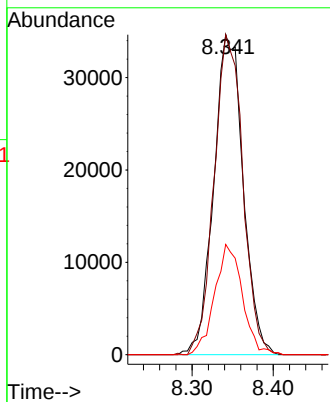
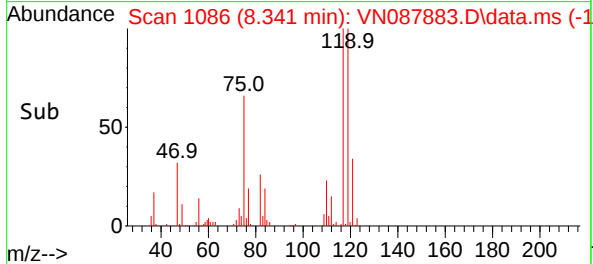
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 87289
Ion Ratio Lower Upper
117 100
119 99.5 77.3 115.9
121 34.4 26.6 39.8

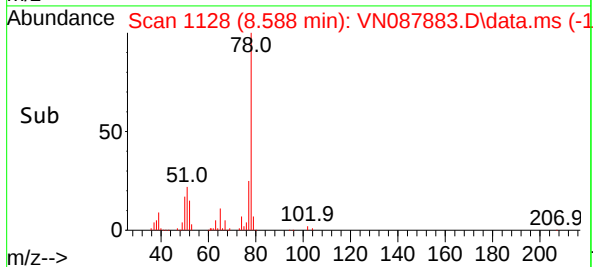
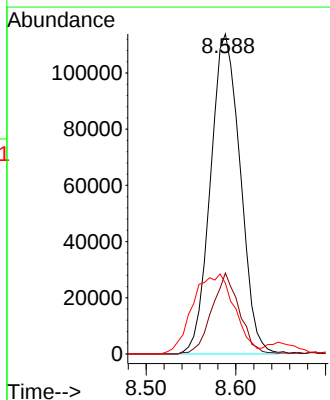
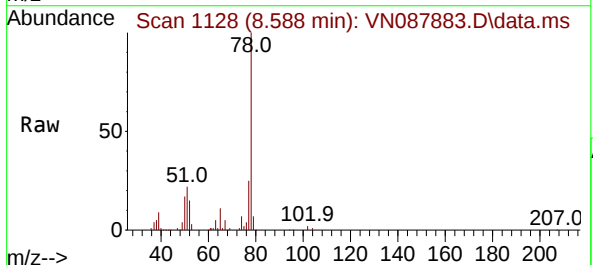
Manual Integrations
APPROVED

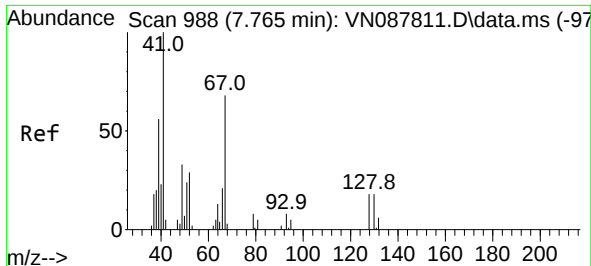
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#34
Benzene
Concen: 20.222 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Tgt Ion: 78 Resp: 261735
Ion Ratio Lower Upper
78 100
77 25.3 20.3 30.5
51 18.4 18.0 27.0





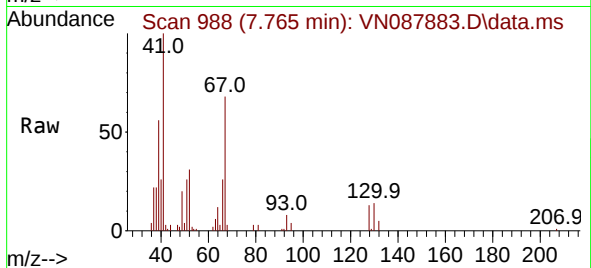
#35
Methacrylonitrile
Concen: 19.099 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



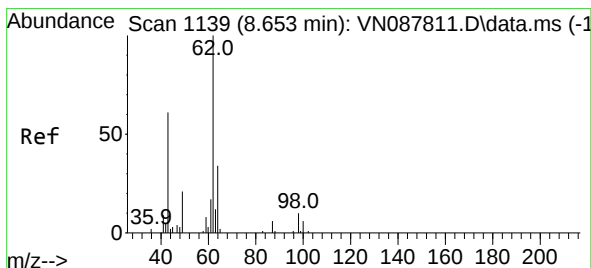
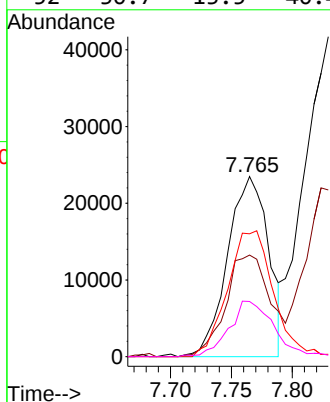
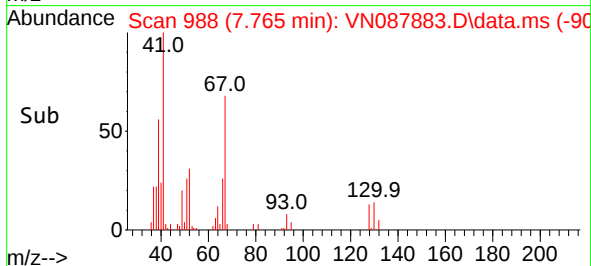
Tgt Ion:	41	Resp:	5511
Ion Ratio	100	Lower	Upper
41	100		
39	56.4	27.1	81.2
67	68.2	32.1	96.5
52	30.7	13.5	40.4

Manual Integrations

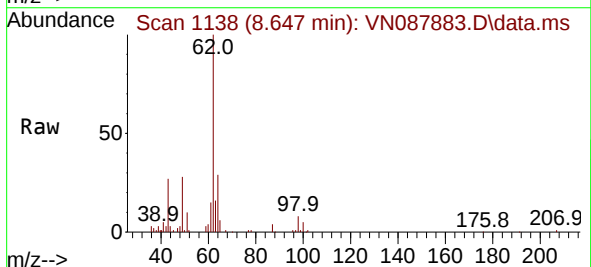
APPROVED

Reviewed By :John Carlone 09/18/2025

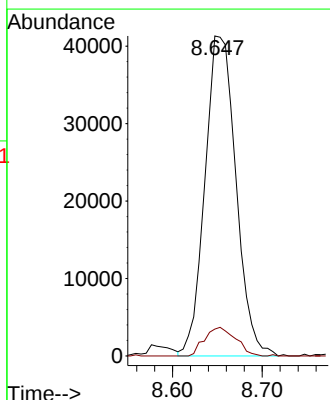
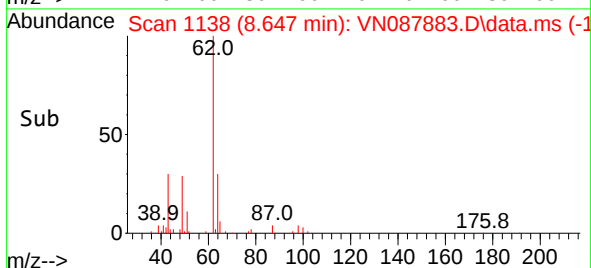
Supervised By :Mahesh Dadoda 09/18/2025

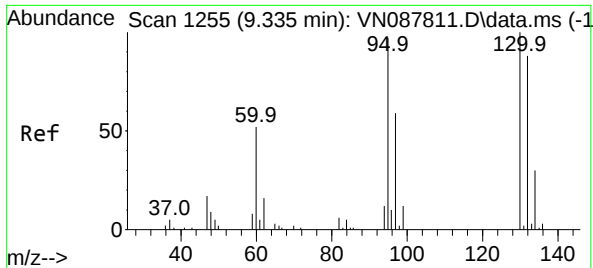


#36
1,2-Dichloroethane
Concen: 20.322 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21



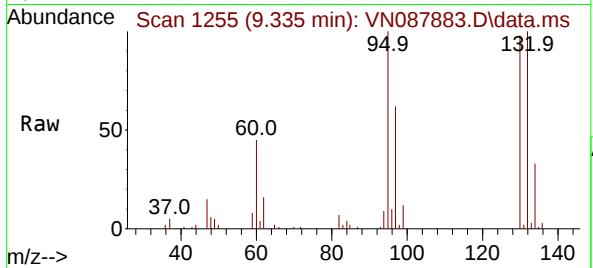
Tgt Ion:	62	Resp:	99350
Ion Ratio	100	Lower	Upper
62	100		
98	9.0	7.2	10.8





#37
Trichloroethene
Concen: 20.777 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

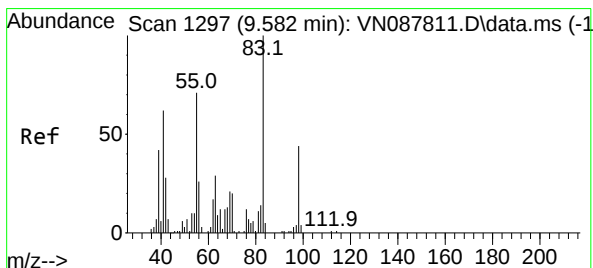
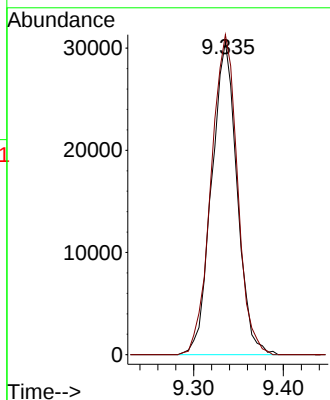
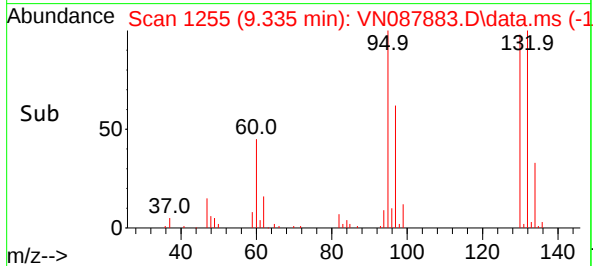
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



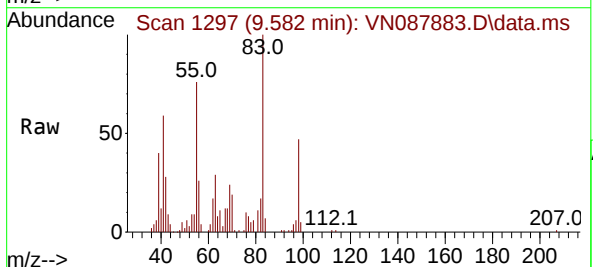
Tgt Ion:130 Resp: 60114
Ion Ratio Lower Upper
130 100
95 102.3 82.7 124.1

Manual Integrations
APPROVED

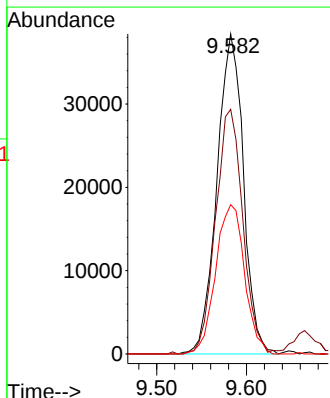
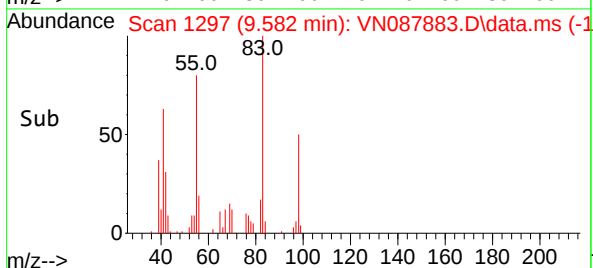
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

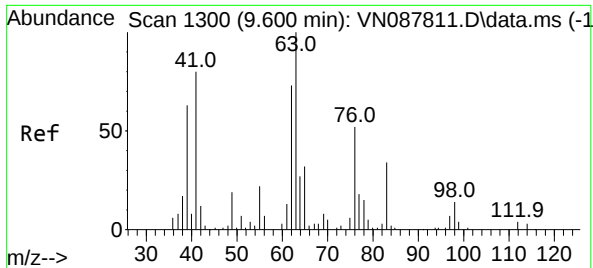


#38
Methylcyclohexane
Concen: 17.826 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21



Tgt Ion: 83 Resp: 78607
Ion Ratio Lower Upper
83 100
55 78.4 40.4 121.1
98 51.0 24.0 72.0





#39

1,2-Dichloropropane

Concen: 20.138 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 6675

Ion Ratio Lower Upper

63 100

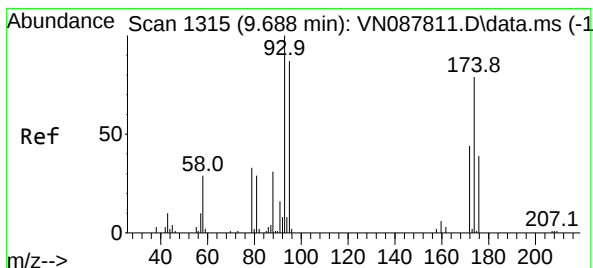
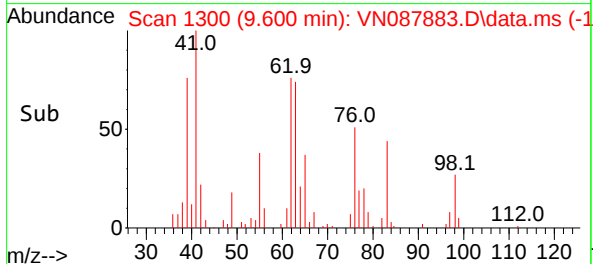
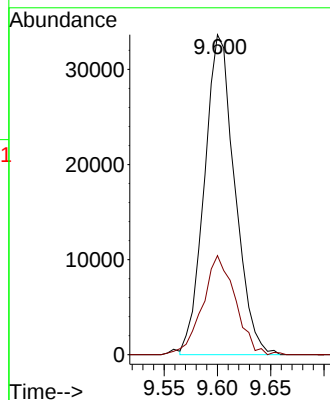
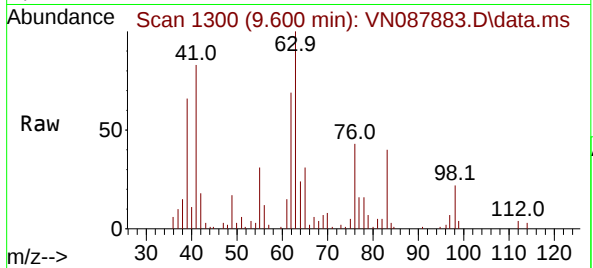
65 30.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#40

Dibromomethane

Concen: 21.899 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

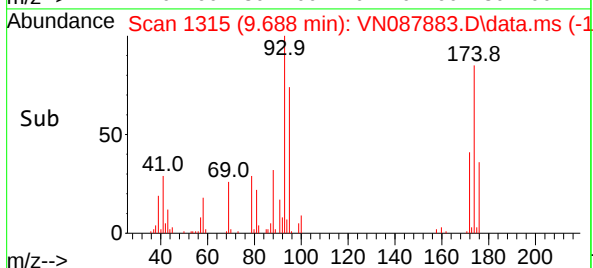
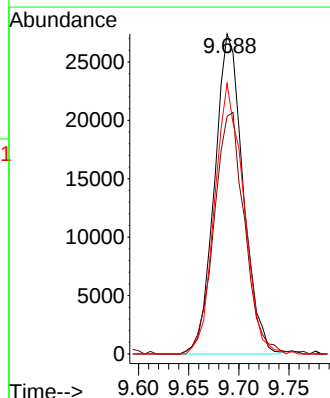
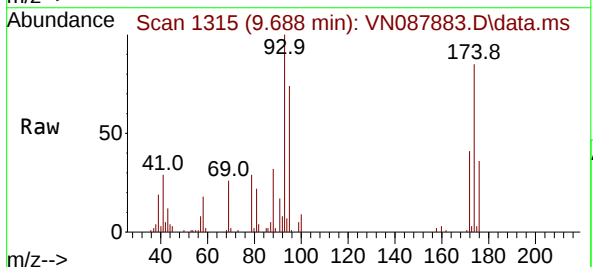
Tgt Ion: 93 Resp: 54023

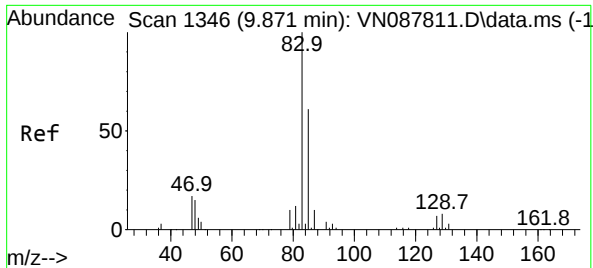
Ion Ratio Lower Upper

93 100

95 80.9 0.0 168.4

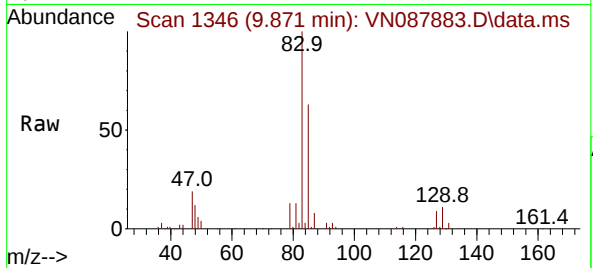
174 86.0 0.0 162.8





#41
Bromodichloromethane
Concen: 21.050 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

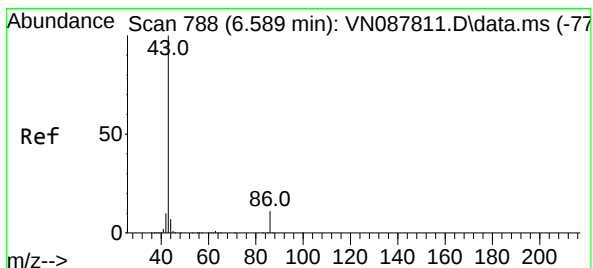
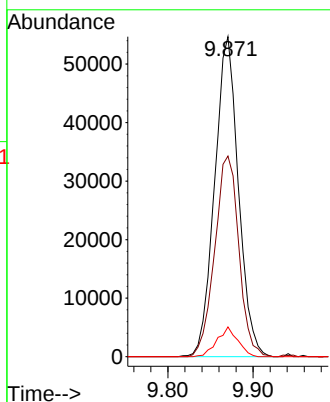
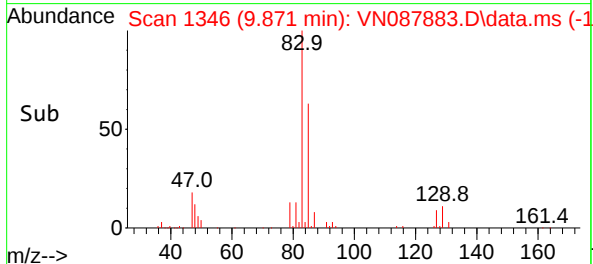
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 106138
Ion Ratio Lower Upper
83 100
85 62.7 47.3 70.9
127 9.3 5.2 7.8

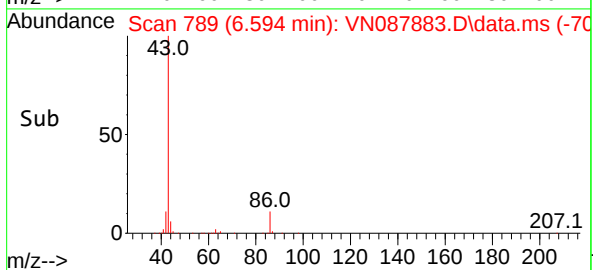
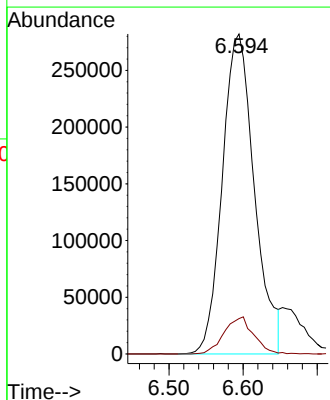
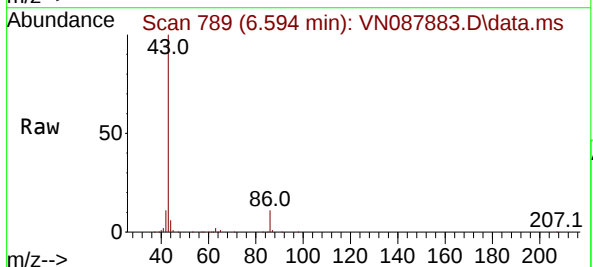
Manual Integrations
APPROVED

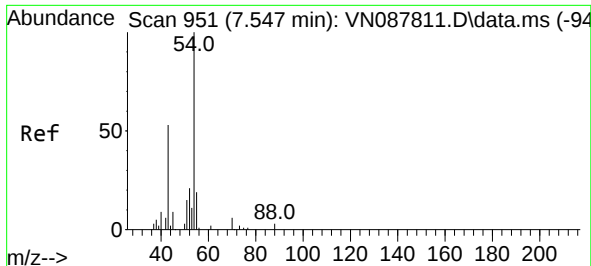
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#42
Vinyl Acetate
Concen: 92.264 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

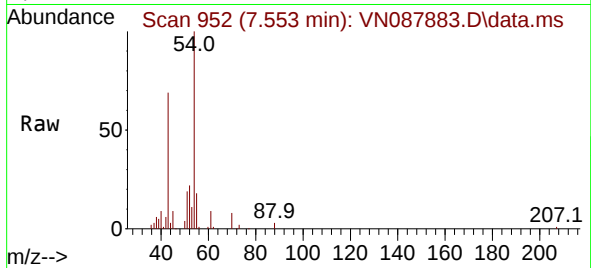
Tgt Ion: 43 Resp: 850430
Ion Ratio Lower Upper
43 100
86 10.6 7.7 11.5





#43
Ethyl Acetate
Concen: 19.579 ug/l
RT: 7.553 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

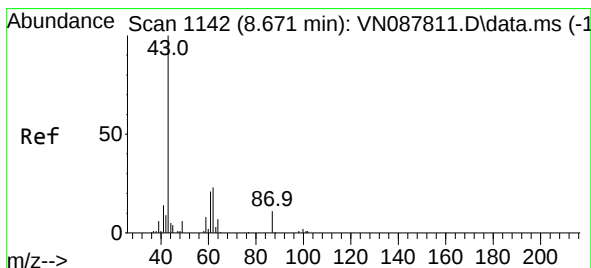
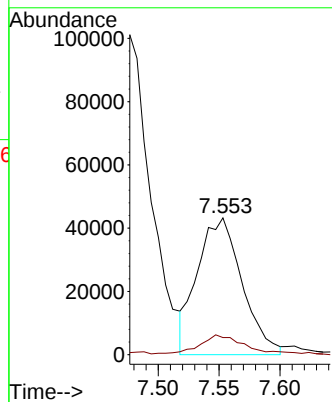
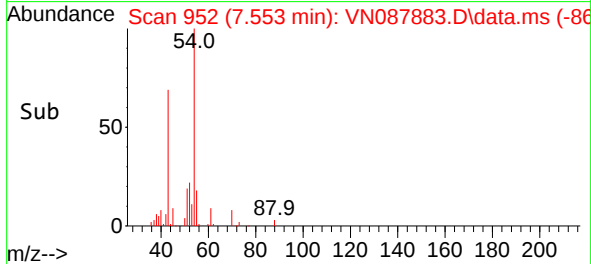
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 11035
Ion Ratio Lower Upper
43 100
45 12.6 10.5 15.7

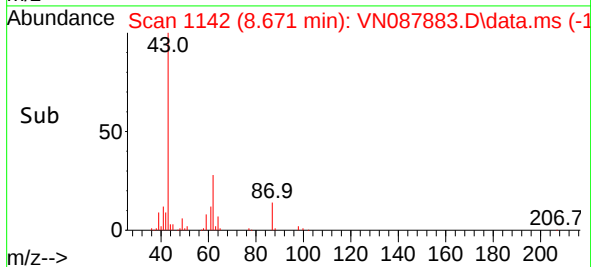
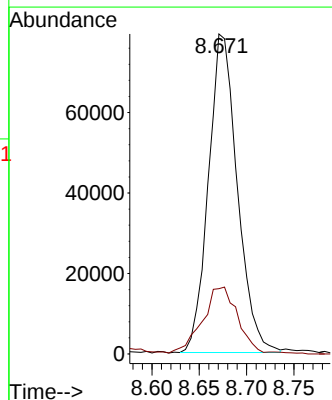
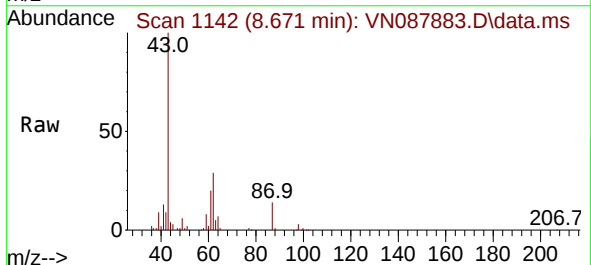
Manual Integrations
APPROVED

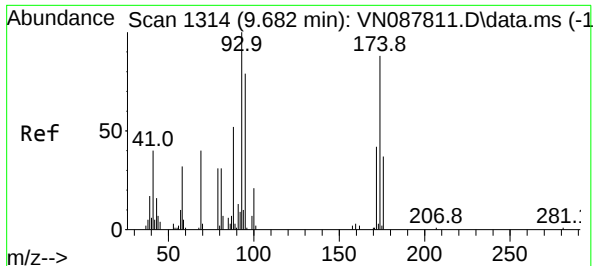
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#44
Isopropyl Acetate
Concen: 19.018 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Tgt Ion: 43 Resp: 168043
Ion Ratio Lower Upper
43 100
61 24.7 19.5 29.3





#45

1,4-Dioxane

Concen: 427.798 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 2383

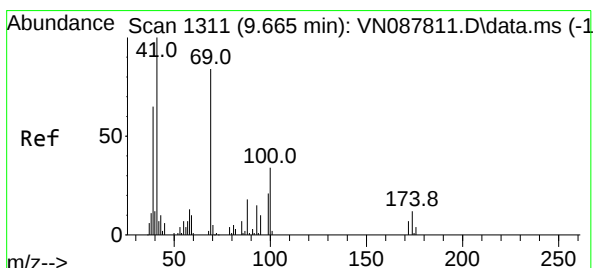
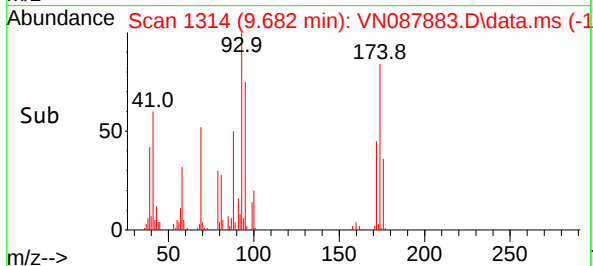
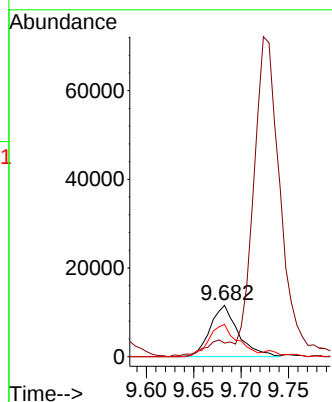
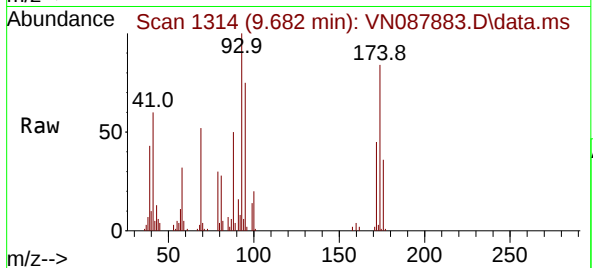
Ion	Ratio	Lower	Upper
88	100		
43	34.3	23.6	35.4
58	63.7	60.5	90.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#46

Methyl methacrylate

Concen: 19.253 ug/l

RT: 9.665 min Scan# 1311

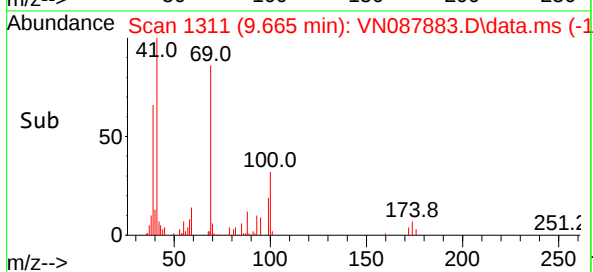
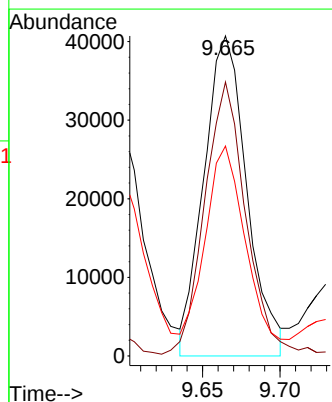
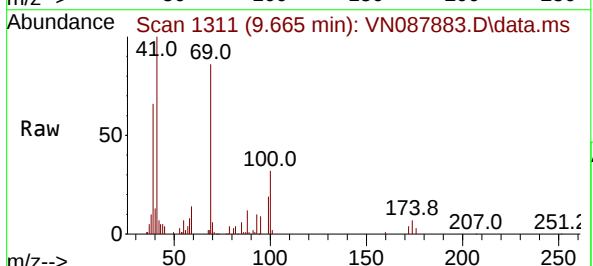
Delta R.T. -0.000 min

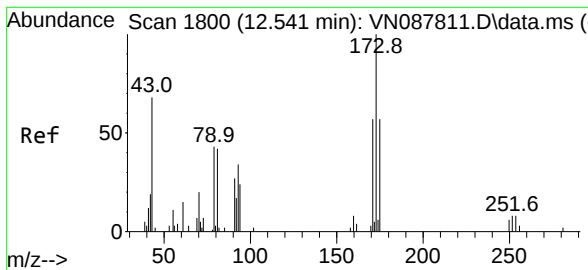
Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

Tgt Ion: 41 Resp: 78411

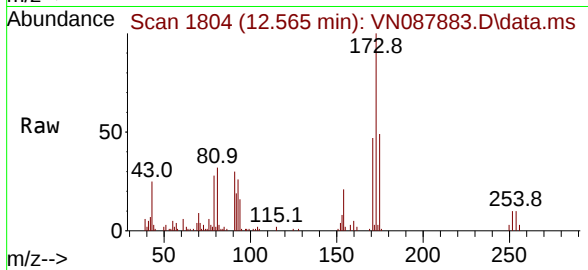
Ion	Ratio	Lower	Upper
41	100		
69	88.5	40.3	120.9
39	65.9	31.9	95.9





#47
n-amy1 Acetate
Concen: 14.796 ug/l m
RT: 12.565 min Scan# 1804
Delta R.T. -0.106 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

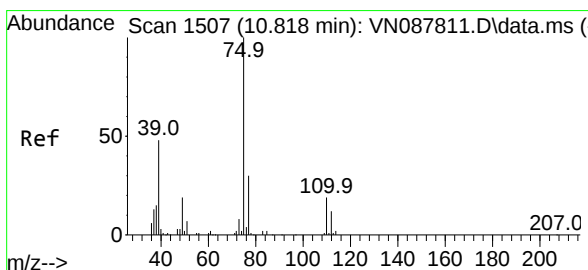
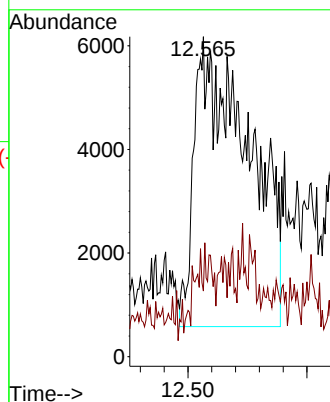
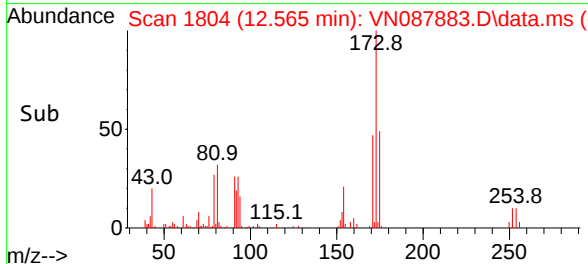
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



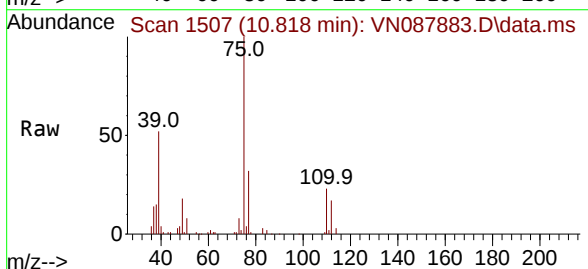
Tgt Ion: 43 Resp: 8835
Ion Ratio Lower Upper
43 100
55 1.4 0.7 1.1

Manual Integrations
APPROVED

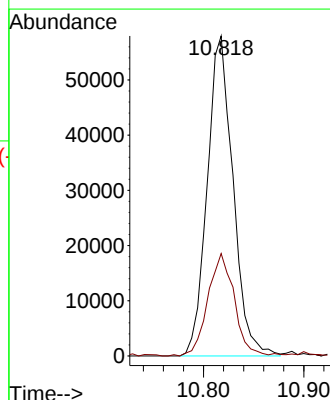
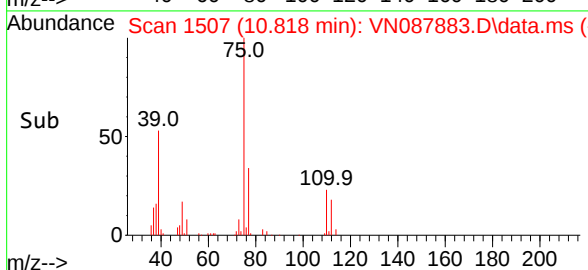
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

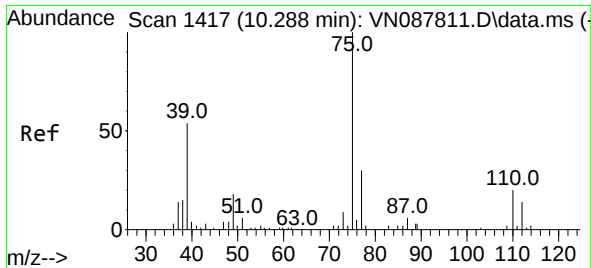


#48
t-1,3-Dichloropropene
Concen: 19.836 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21



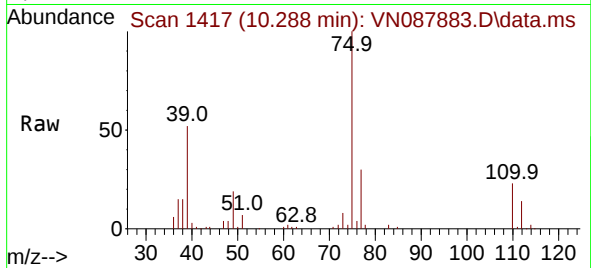
Tgt Ion: 75 Resp: 103881
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1





#49
 cis-1,3-Dichloropropene
 Concen: 19.979 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN087883.D
 Acq: 17 Sep 2025 16:21

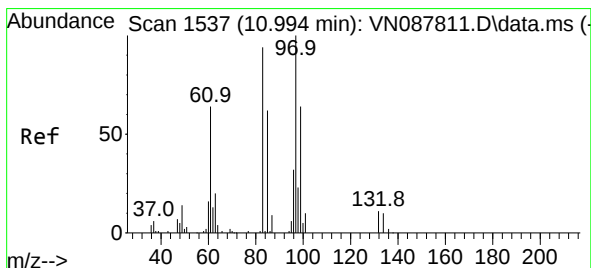
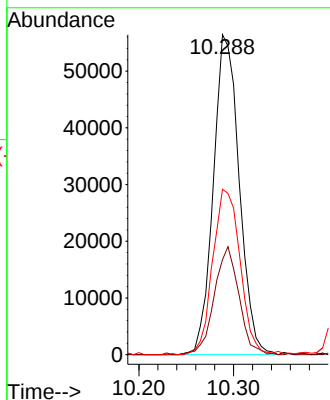
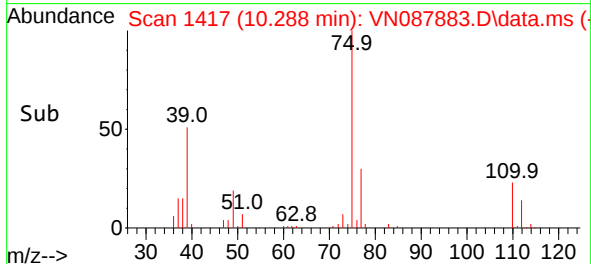
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 10716
 Ion Ratio Lower Upper
 75 100
 77 29.7 27.8 41.6
 39 51.7 47.6 71.4

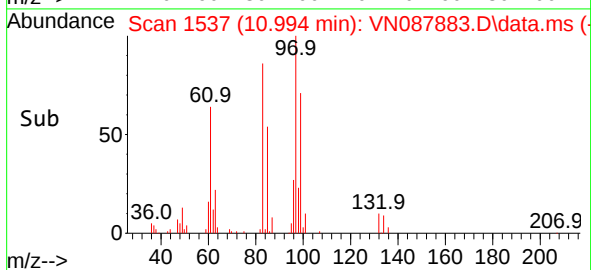
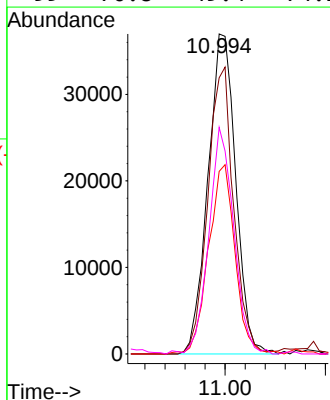
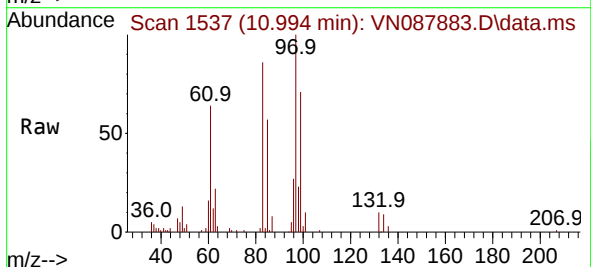
Manual Integrations
 APPROVED

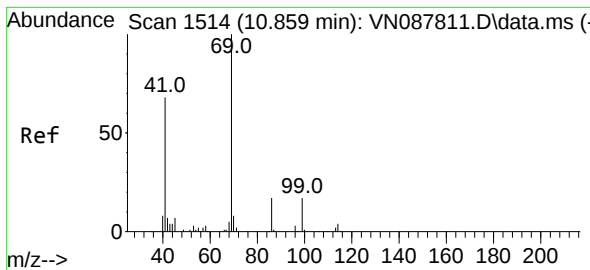
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#50
 1,1,2-Trichloroethane
 Concen: 22.327 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087883.D
 Acq: 17 Sep 2025 16:21

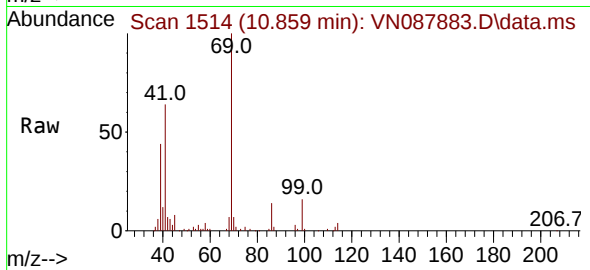
Tgt Ion: 97 Resp: 71141
 Ion Ratio Lower Upper
 97 100
 83 86.3 70.5 105.7
 85 56.5 46.3 69.5
 99 70.8 49.4 74.2





#51
Ethyl methacrylate
Concen: 19.940 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

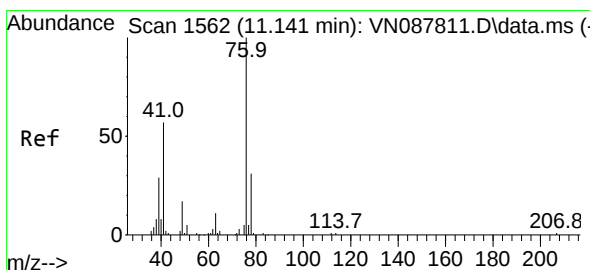
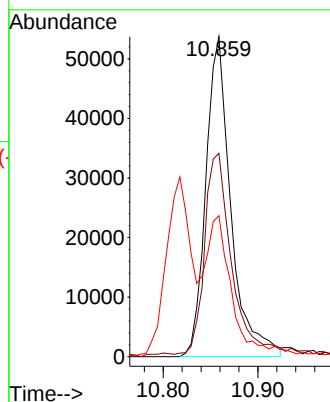
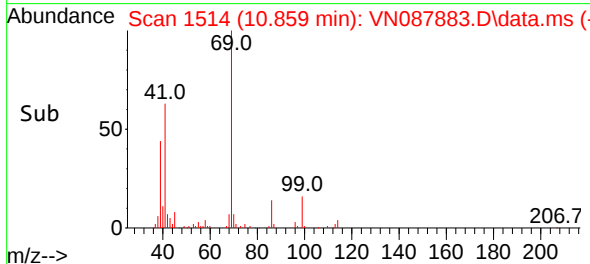
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 98879
Ion Ratio Lower Upper
69 100
41 62.4 33.7 101.0
39 41.8 20.3 60.9

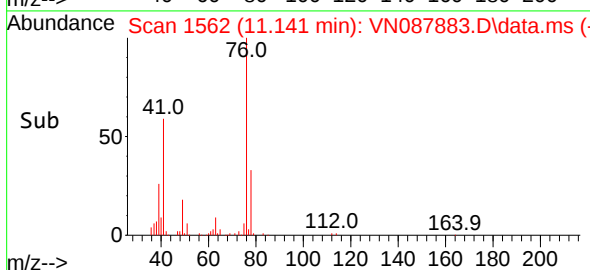
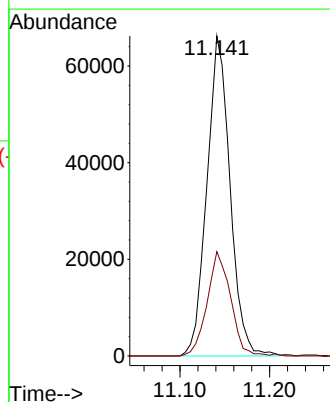
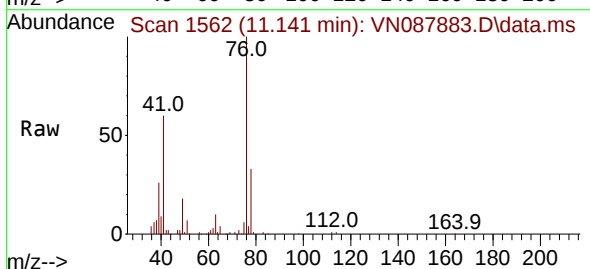
Manual Integrations
APPROVED

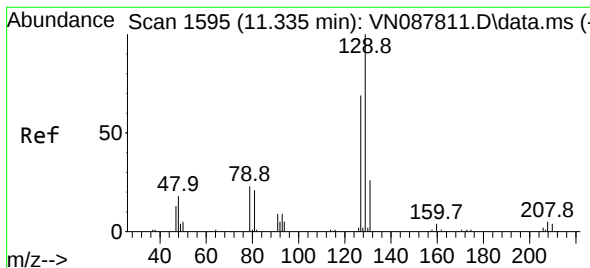
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#52
1,3-Dichloropropane
Concen: 21.468 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Tgt Ion: 76 Resp: 118779
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.2





#53

Dibromochloromethane

Concen: 22.739 ug/l

RT: 11.335 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 81230

Ion Ratio Lower Upper

129 100

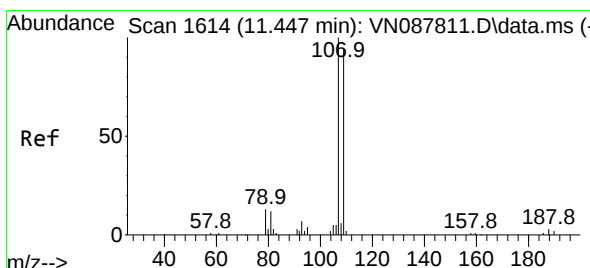
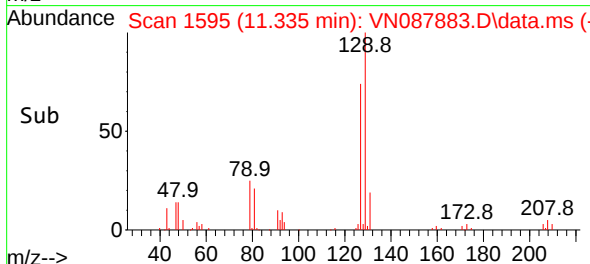
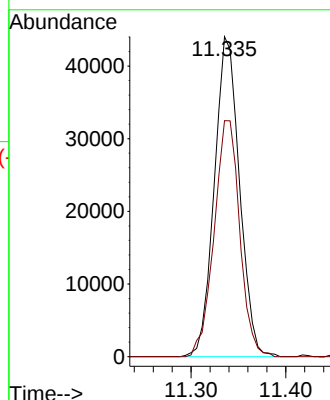
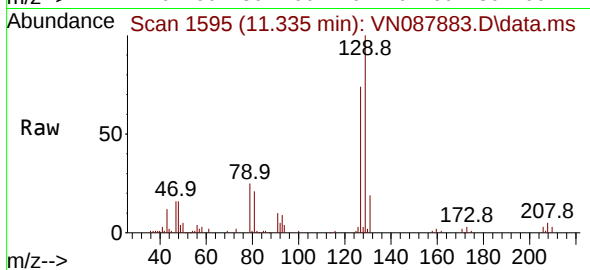
127 75.1 42.6 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#54

1,2-Dibromoethane

Concen: 22.136 ug/l

RT: 11.447 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VN087883.D

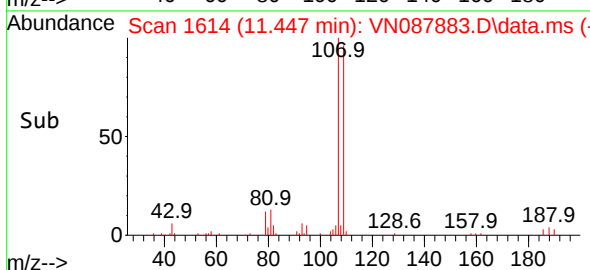
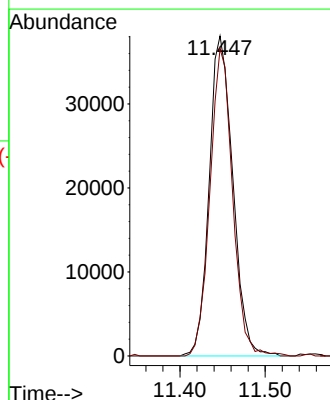
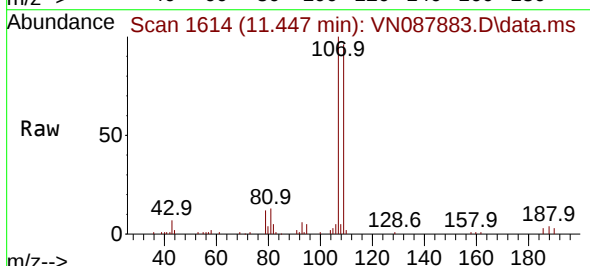
Acq: 17 Sep 2025 16:21

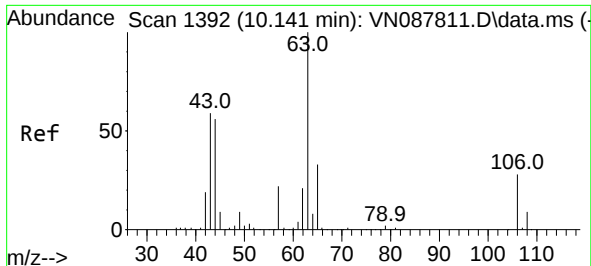
Tgt Ion:107 Resp: 73390

Ion Ratio Lower Upper

107 100

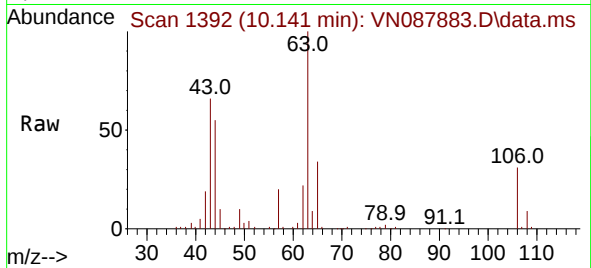
109 90.8 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 92.170 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

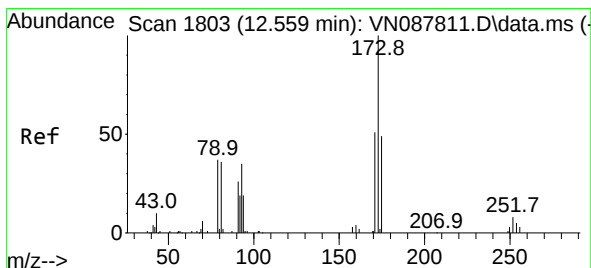
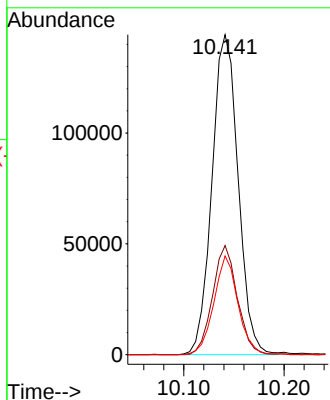
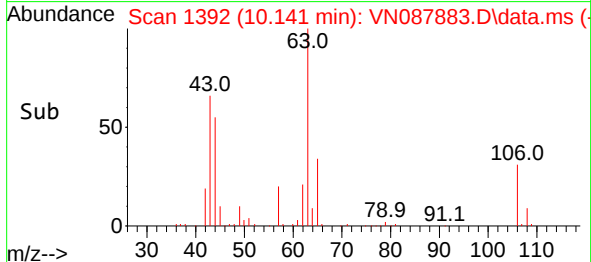
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 261868
Ion Ratio Lower Upper
63 100
65 32.2 26.6 40.0
106 28.3 21.1 31.7

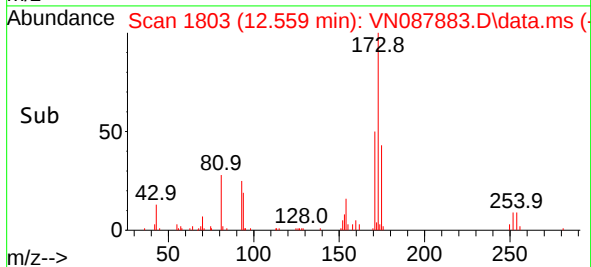
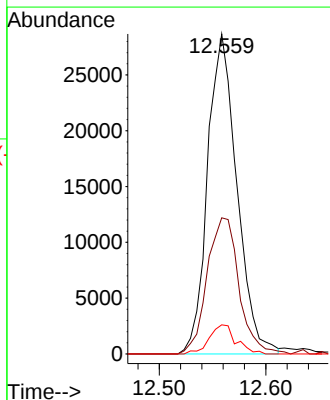
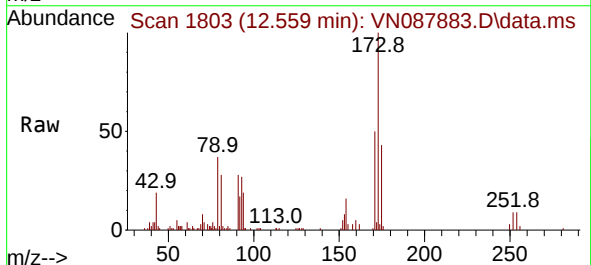
Manual Integrations
APPROVED

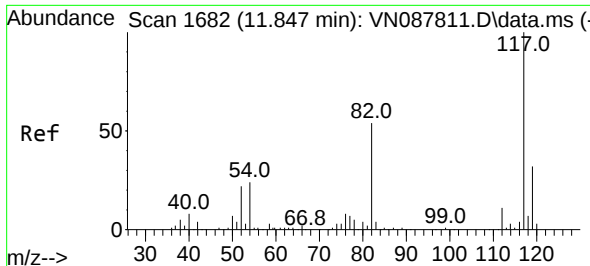
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#56
Bromoform
Concen: 23.489 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

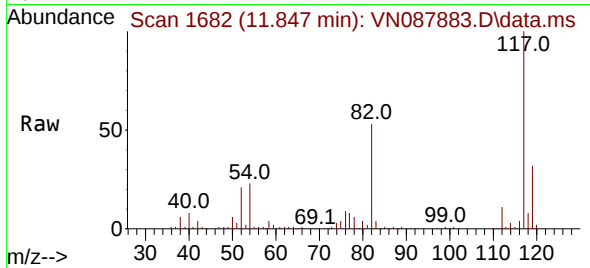
Tgt Ion:173 Resp: 54802
Ion Ratio Lower Upper
173 100
175 46.2 39.8 59.6
254 8.3 6.2 9.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

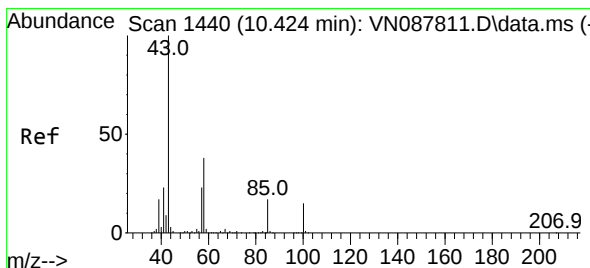
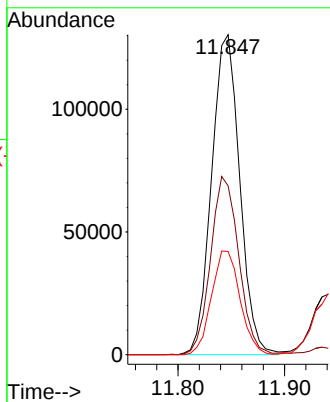
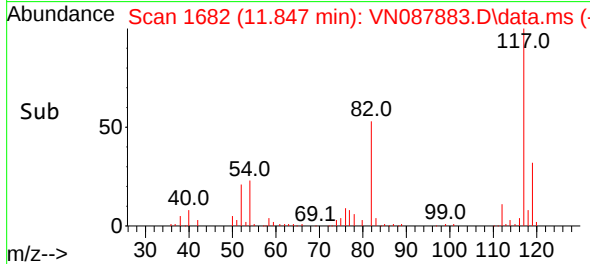
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 23926
Ion Ratio Lower Upper
117 100
82 55.7 45.9 68.9
119 32.9 25.3 37.9

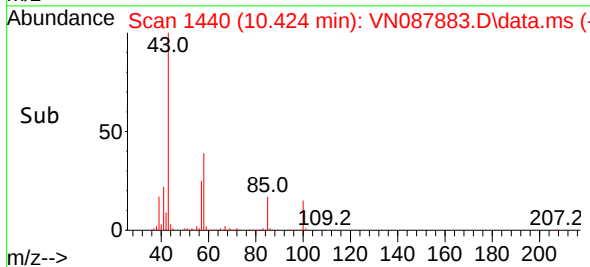
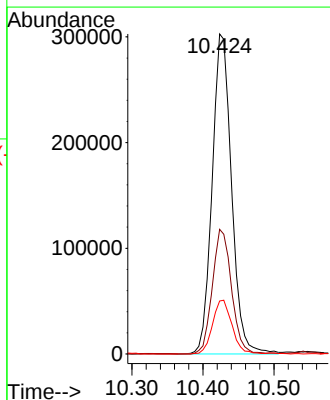
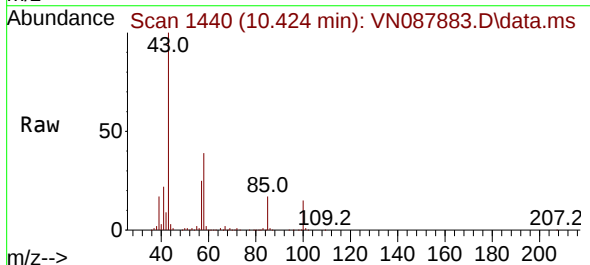
Manual Integrations
APPROVED

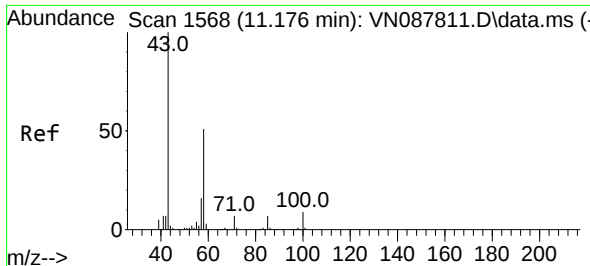
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#58
4-Methyl-2-Pentanone
Concen: 101.406 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

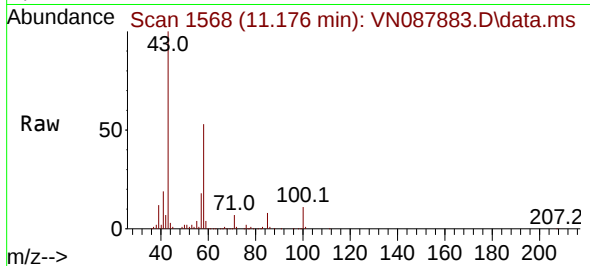
Tgt Ion: 43 Resp: 573684
Ion Ratio Lower Upper
43 100
58 38.2 29.6 44.4
85 16.8 13.0 19.4





#59
2-Hexanone
Concen: 96.401 ug/l
RT: 11.176 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

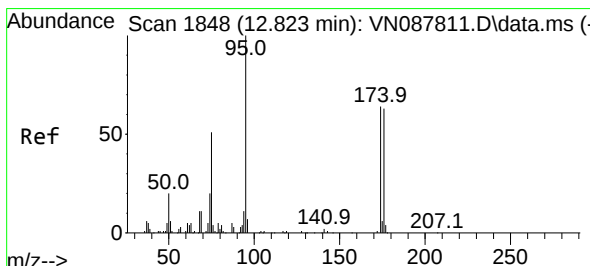
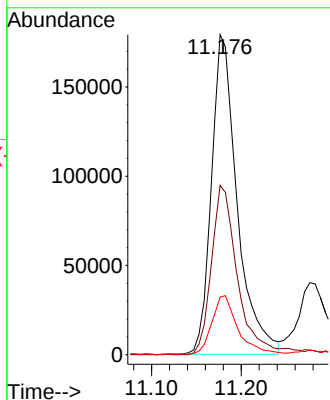
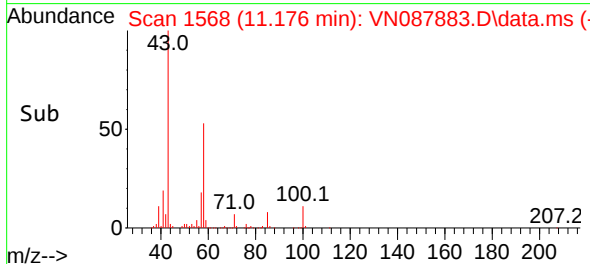
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 35636
Ion Ratio Lower Upper
43 100
58 52.7 40.2 60.4
57 18.7 13.7 20.5

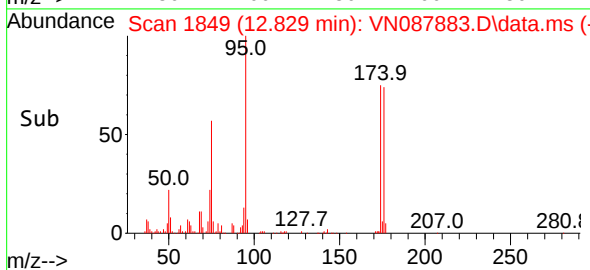
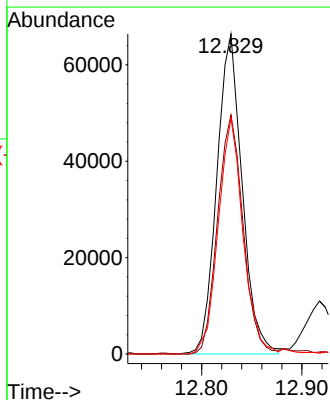
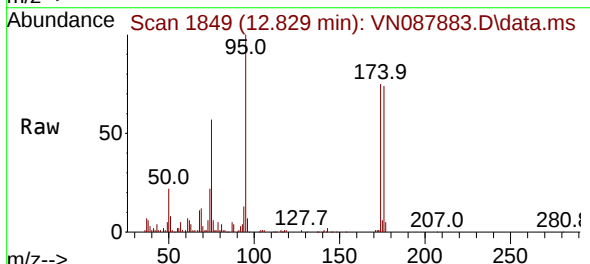
Manual Integrations
APPROVED

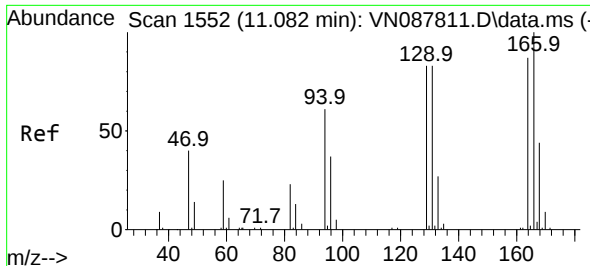
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#60
4-Bromofluorobenzene
Concen: 30.278 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

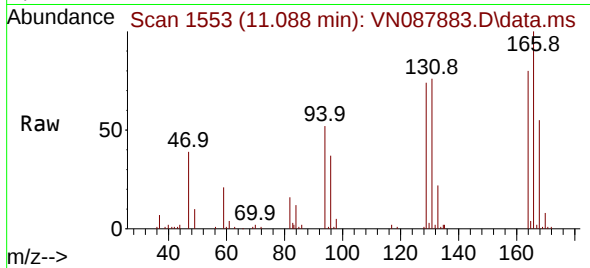
Tgt Ion: 95 Resp: 116485
Ion Ratio Lower Upper
95 100
174 74.7 55.4 83.0
176 71.9 51.5 77.3





#61
Tetrachloroethene
Concen: 20.313 ug/l
RT: 11.088 min Scan# 1552
Delta R.T. 0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

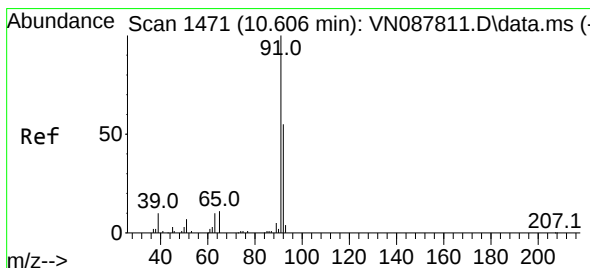
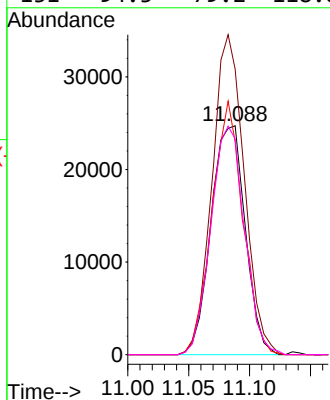
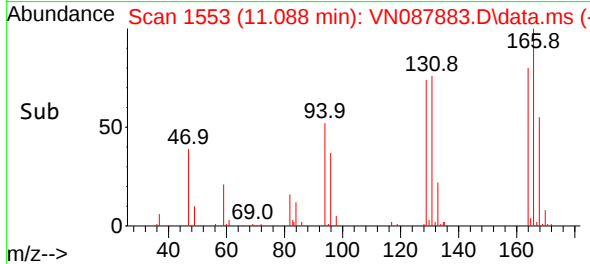
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



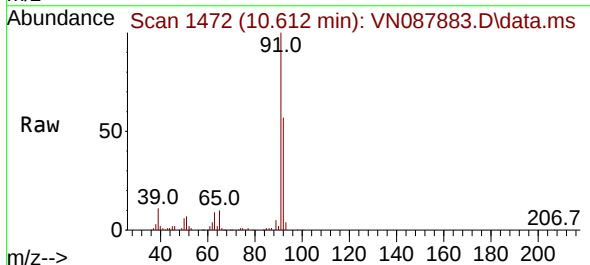
Tgt Ion:164 Resp: 48390
Ion Ratio Lower Upper
164 100
166 124.7 97.3 145.9
129 92.9 78.6 117.8
131 94.3 79.2 118.8

Manual Integrations
APPROVED

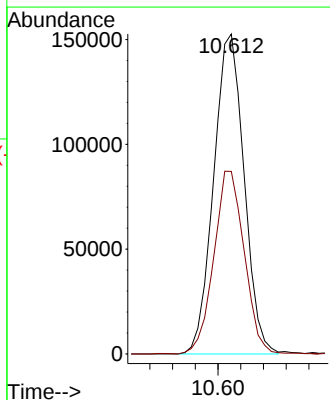
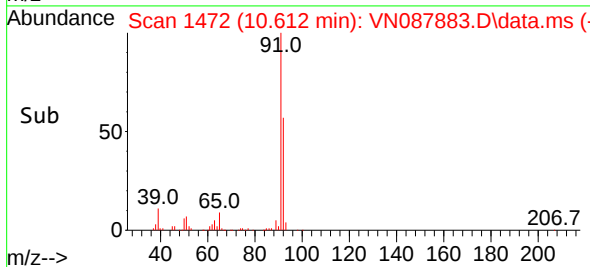
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

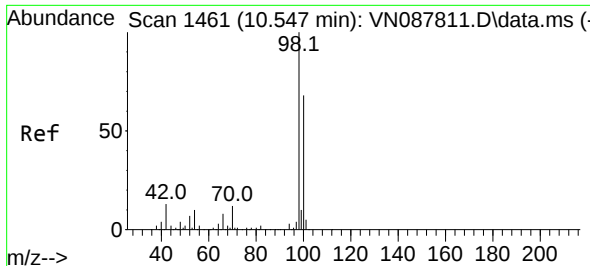


#62
Toluene
Concen: 19.619 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21



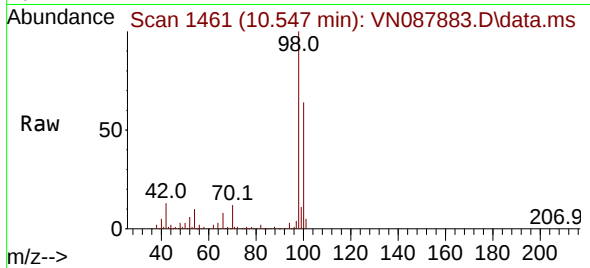
Tgt Ion: 91 Resp: 283936
Ion Ratio Lower Upper
91 100
92 57.1 45.4 68.0





#63
Toluene-d8
Concen: 28.681 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

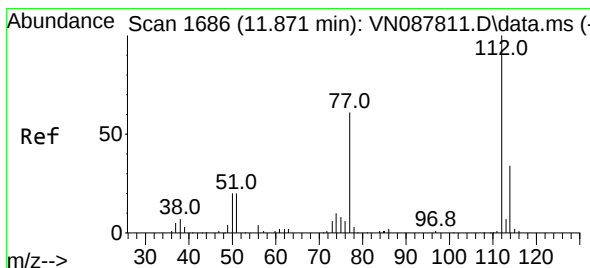
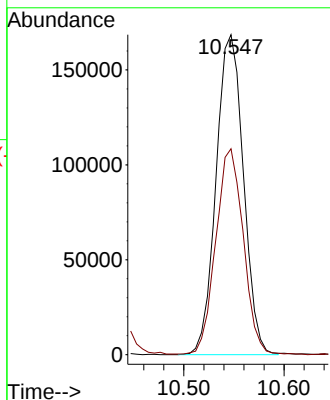
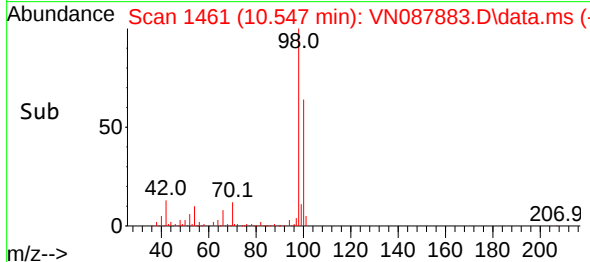
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0020EC



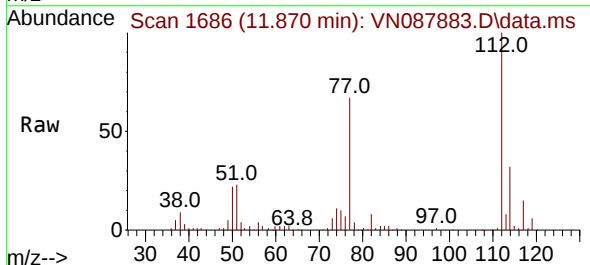
Tgt Ion: 98 Resp: 31913
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0

Manual Integrations
APPROVED

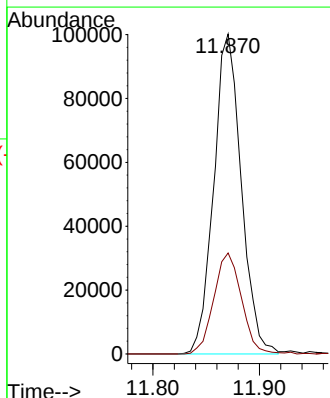
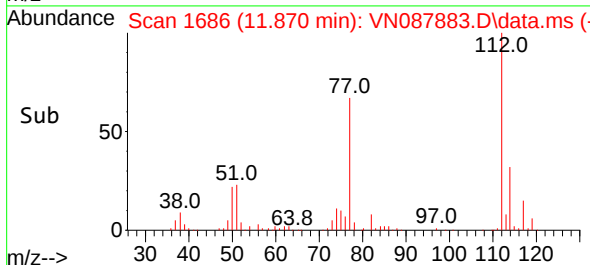
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

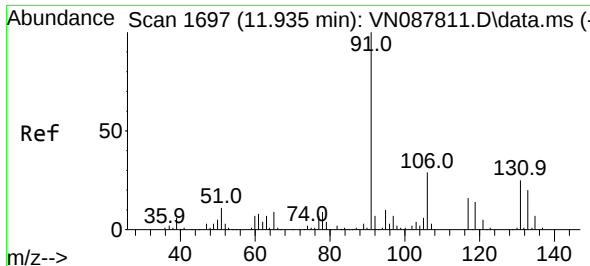


#64
Chlorobenzene
Concen: 20.237 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21



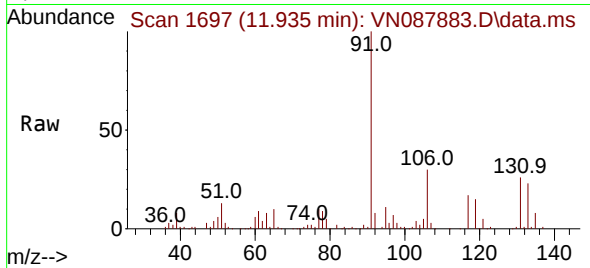
Tgt Ion:112 Resp: 179753
Ion Ratio Lower Upper
112 100
114 31.6 23.5 35.3





#65
1,1,1,2-Tetrachloroethane
Concen: 21.515 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

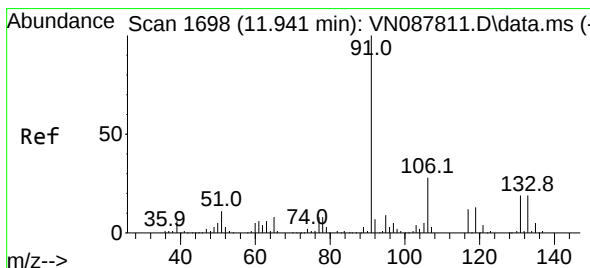
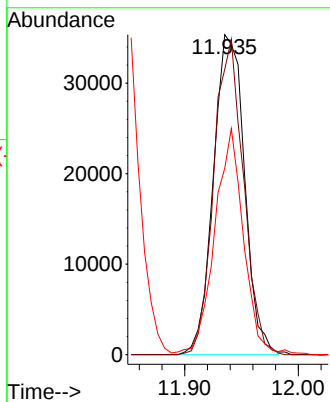
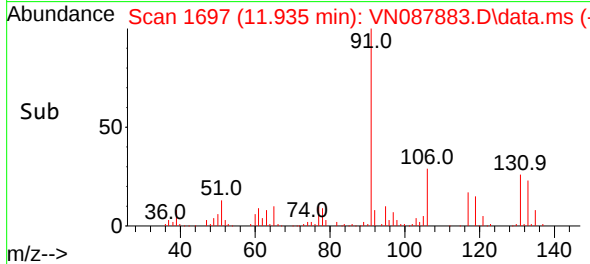
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 6728
Ion Ratio Lower Upper
131 100
133 93.9 0.0 195.8
119 64.1 0.0 139.0

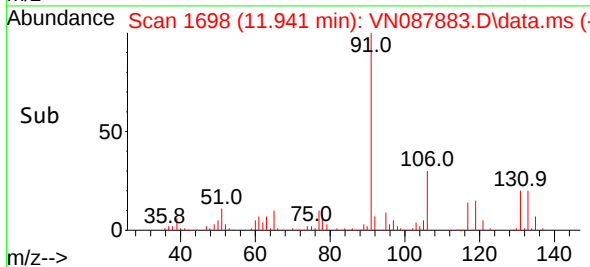
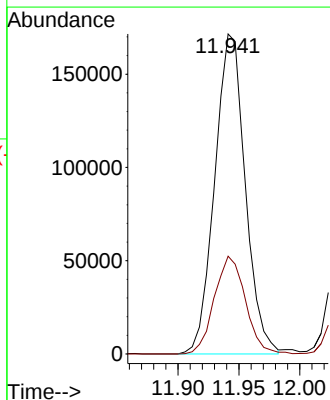
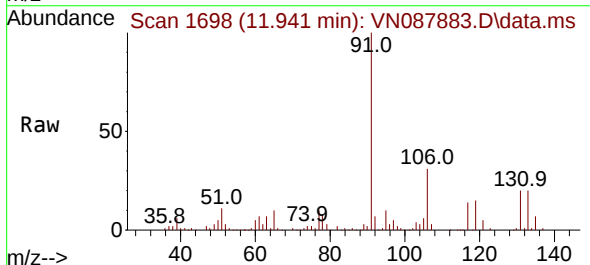
Manual Integrations
APPROVED

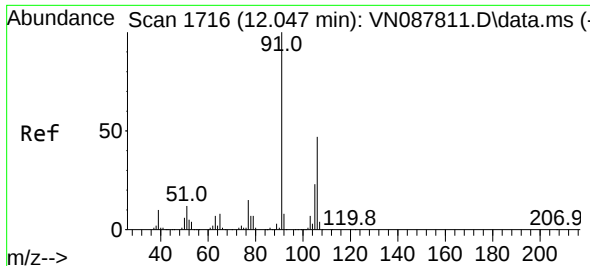
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#66
Ethyl Benzene
Concen: 19.184 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

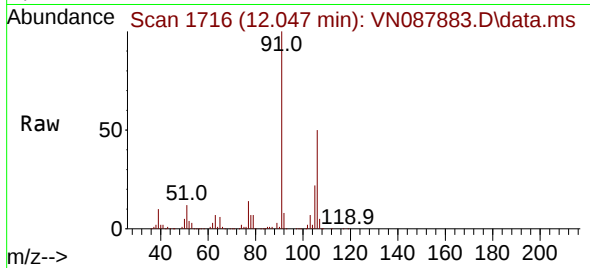
Tgt Ion: 91 Resp: 299529
Ion Ratio Lower Upper
91 100
106 30.6 21.3 31.9





#67
m/p-Xylenes
Concen: 40.618 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

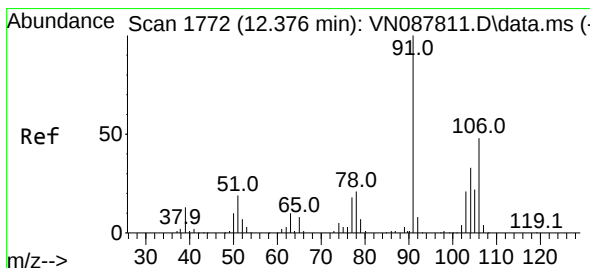
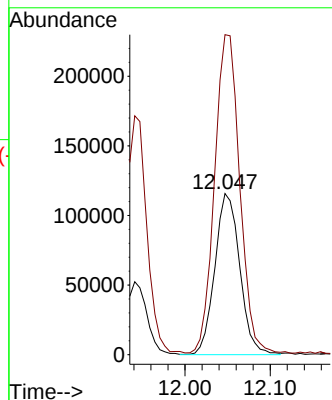
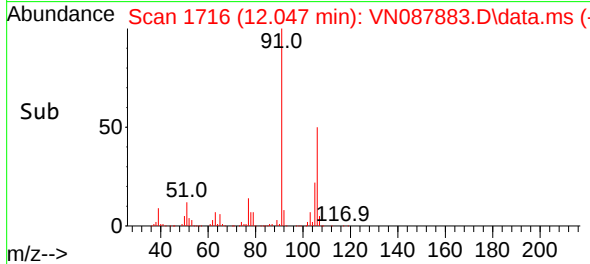
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:106 Resp: 235410
Ion Ratio Lower Upper
106 100
91 200.7 174.3 261.5

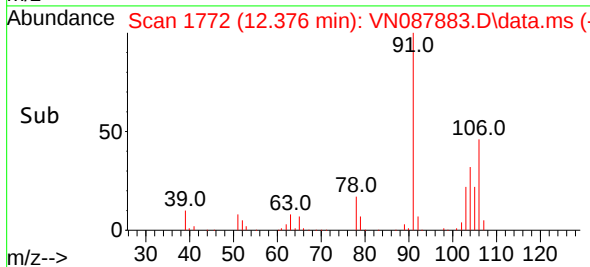
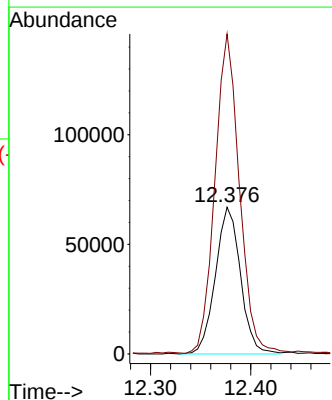
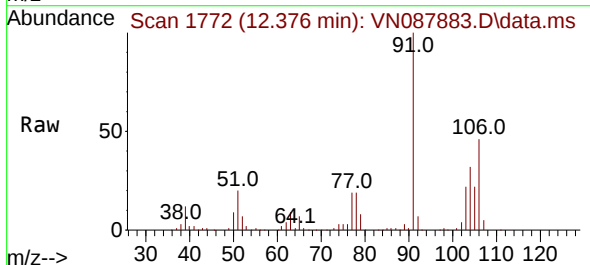
Manual Integrations
APPROVED

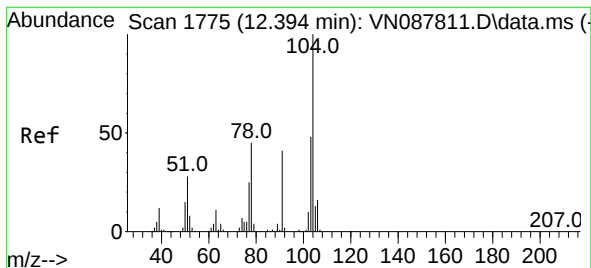
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#68
o-Xylene
Concen: 20.678 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Tgt Ion:106 Resp: 116201
Ion Ratio Lower Upper
106 100
91 212.1 107.7 323.3





#69

Styrene

Concen: 20.180 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

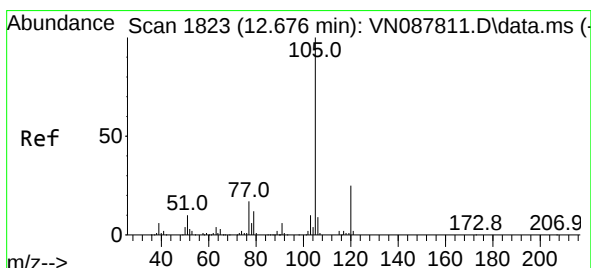
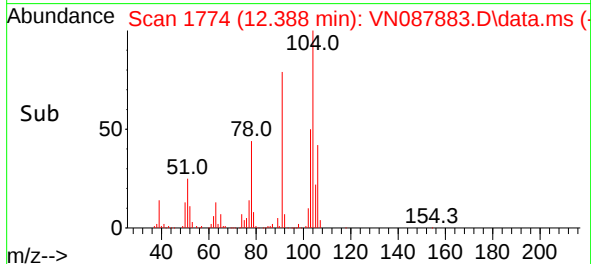
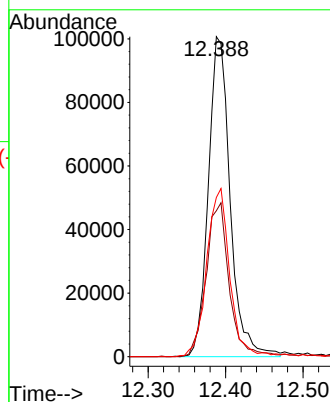
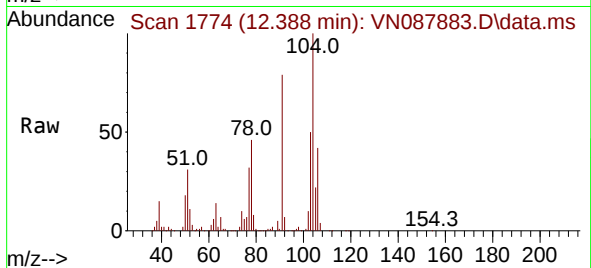
Tgt Ion:104	Resp:	197098
Ion Ratio	Lower	Upper
104	100	
78	50.7	41.0 61.6
103	54.5	44.6 66.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#70

Isopropylbenzene

Concen: 20.470 ug/l

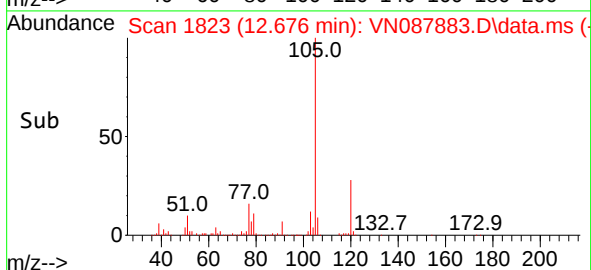
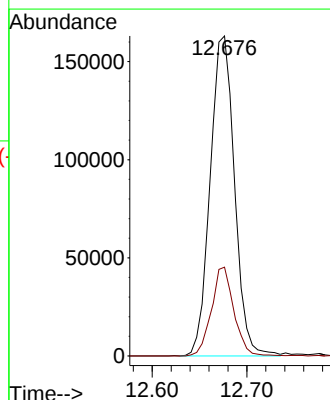
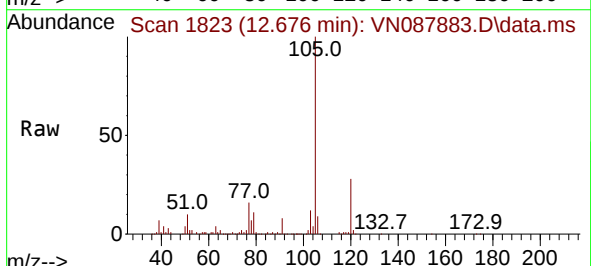
RT: 12.676 min Scan# 1823

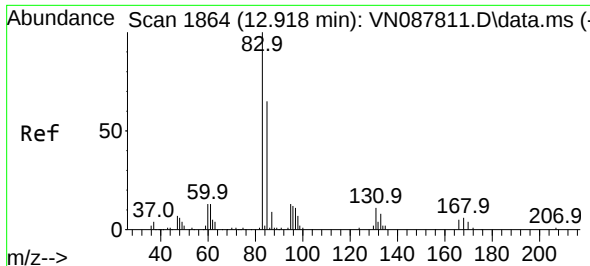
Delta R.T. -0.000 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

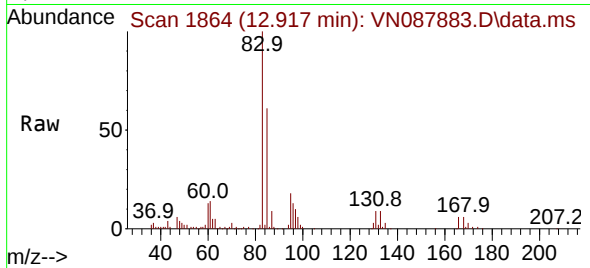
Tgt Ion:105	Resp:	291673
Ion Ratio	Lower	Upper
105	100	
120	25.6	17.4 32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 21.921 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

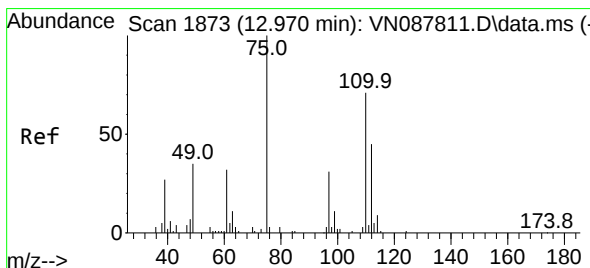
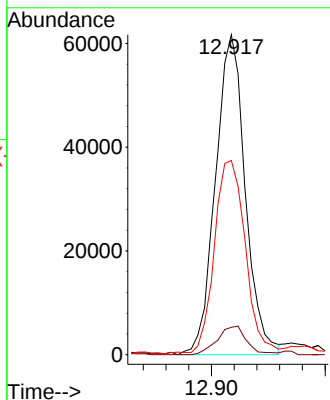
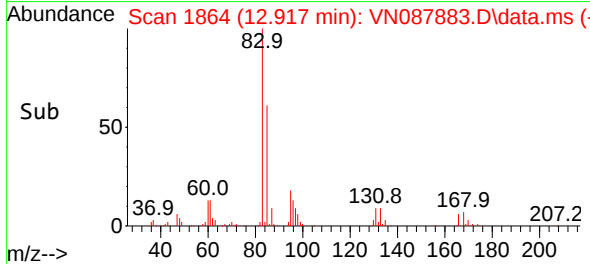
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 11228
Ion Ratio Lower Upper
83 100
131 8.6 4.8 14.3
85 62.2 31.9 95.7

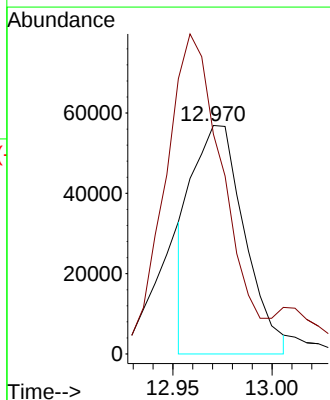
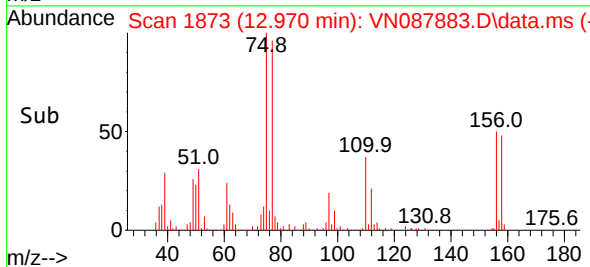
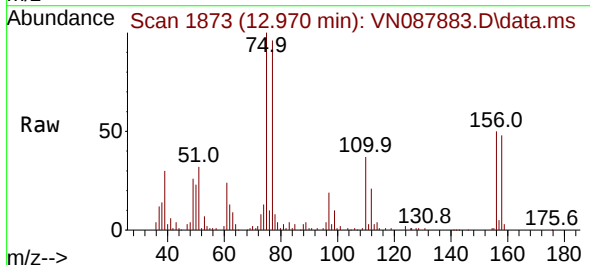
Manual Integrations
APPROVED

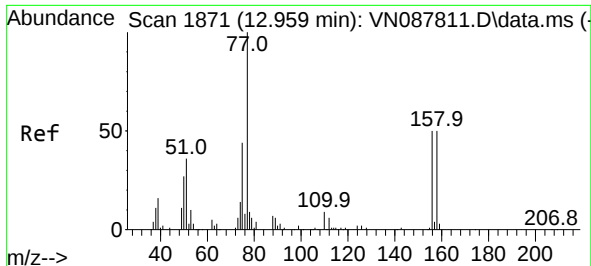
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#72
1,2,3-Trichloropropane
Concen: 20.958 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

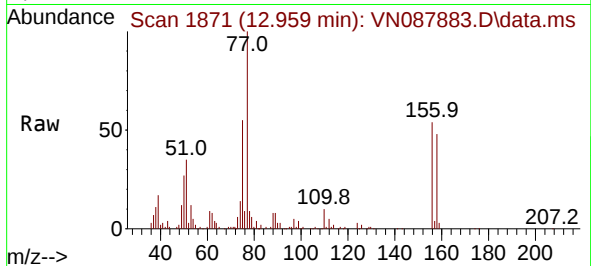
Tgt Ion: 75 Resp: 105410
Ion Ratio Lower Upper
75 100
77 153.9 0.0 378.8





#73
Bromobenzene
Concen: 22.538 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

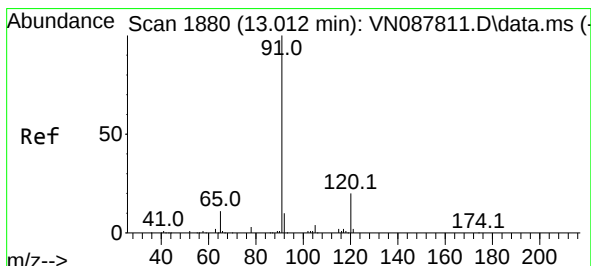
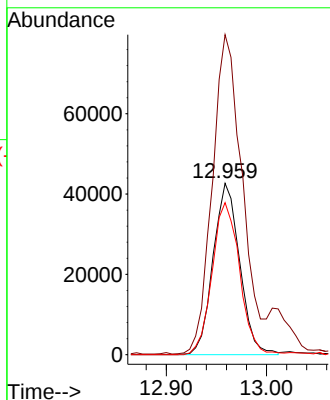
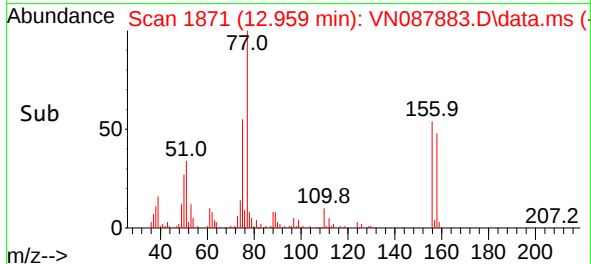
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:156 Resp: 78570
Ion Ratio Lower Upper
156 100
77 206.4 0.0 484.2
158 91.9 0.0 186.2

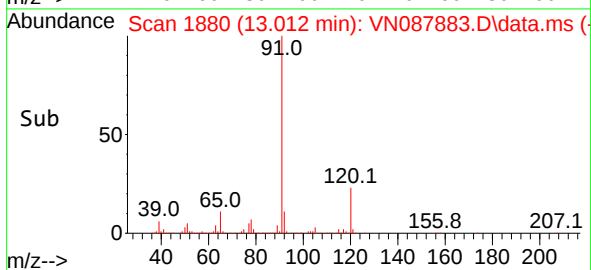
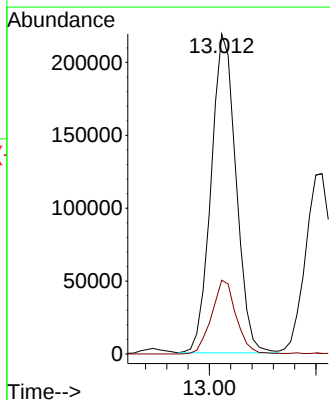
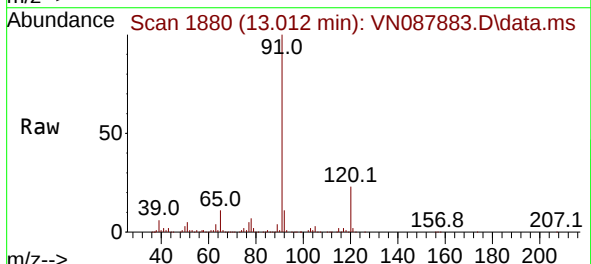
Manual Integrations
APPROVED

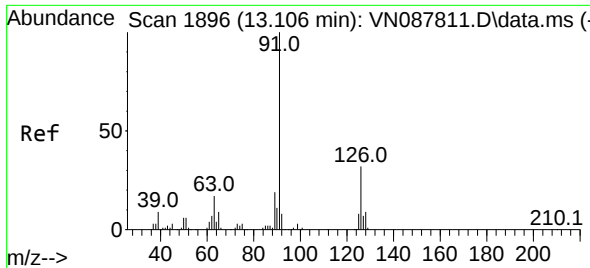
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#74
n-propylbenzene
Concen: 19.794 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

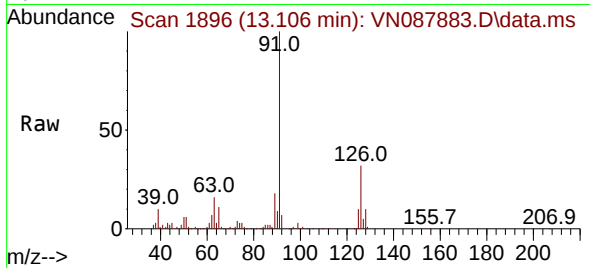
Tgt Ion: 91 Resp: 355867
Ion Ratio Lower Upper
91 100
120 22.7 0.0 42.2





#75
2-Chlorotoluene
Concen: 20.533 ug/l
RT: 13.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

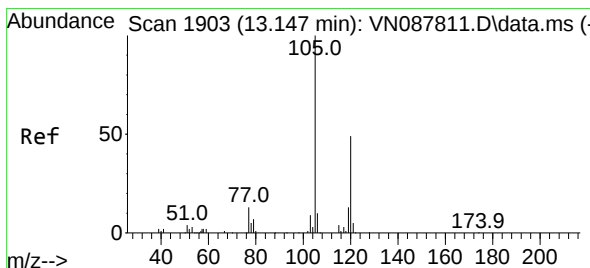
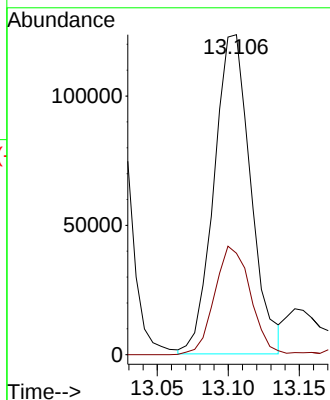
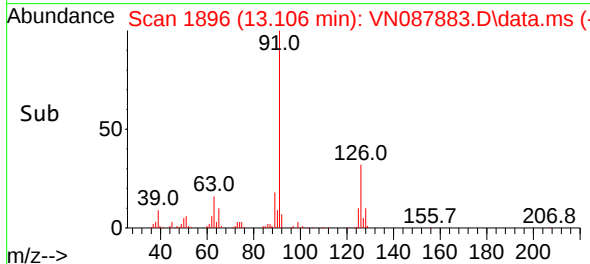
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



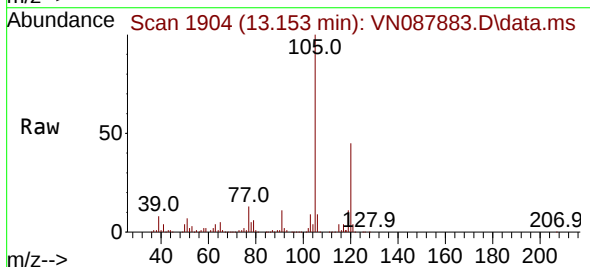
Tgt Ion: 91 Resp: 222172
Ion Ratio Lower Upper
91 100
126 33.2 0.0 60.4

Manual Integrations
APPROVED

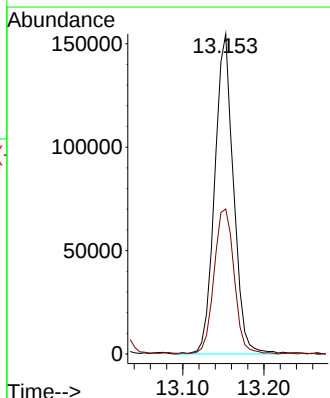
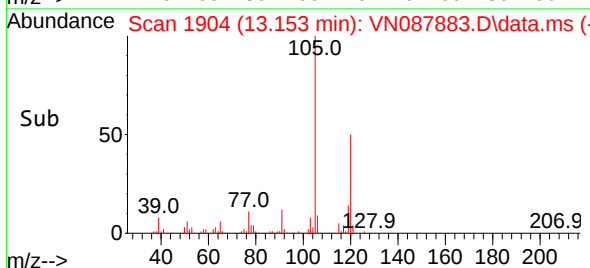
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

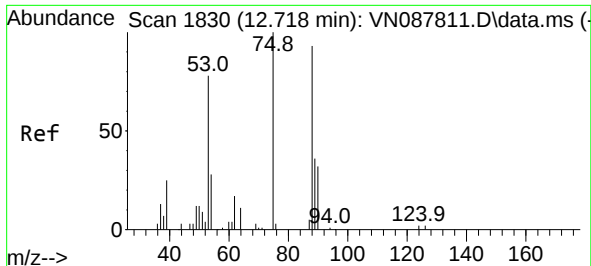


#76
1,3,5-Trimethylbenzene
Concen: 20.675 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21



Tgt Ion:105 Resp: 248772
Ion Ratio Lower Upper
105 100
120 48.5 0.0 92.6





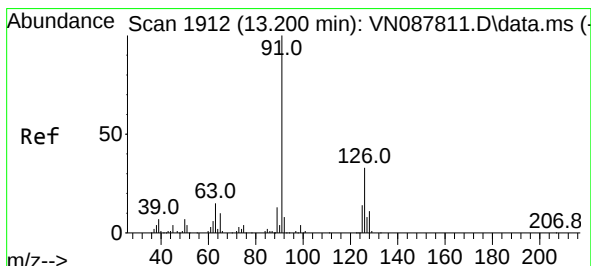
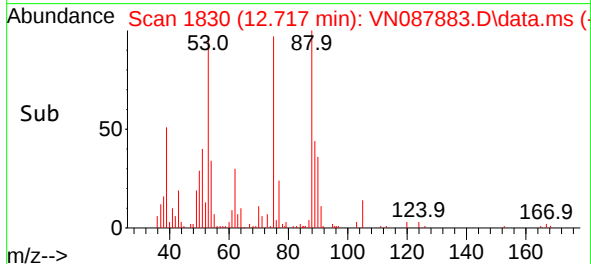
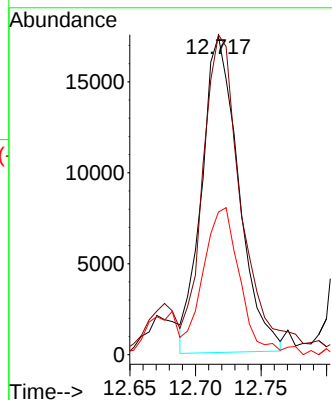
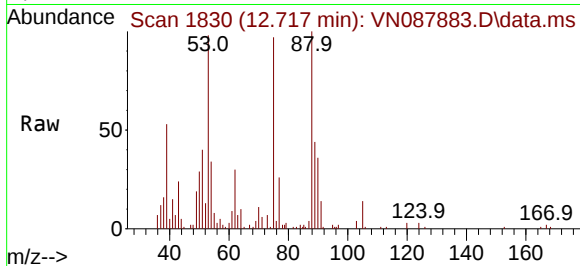
#77
t-1,4-Dichloro-2-butene
Concen: 20.038 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 3401
Ion Ratio Lower Upper
75 100
53 96.9 45.3 135.9
89 45.3 18.8 56.3

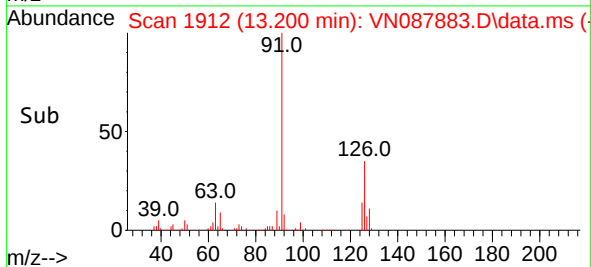
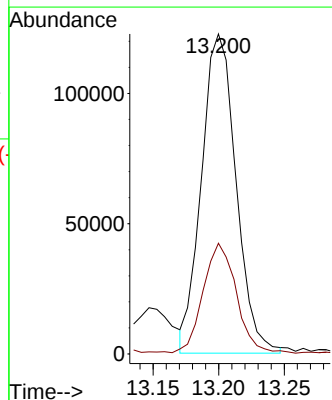
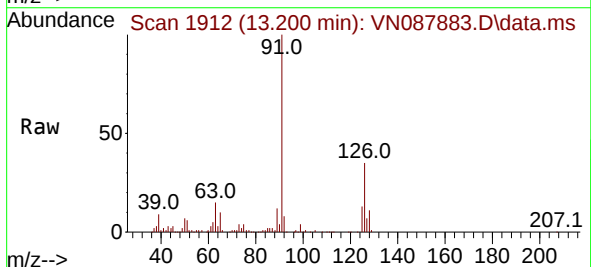
Manual Integrations
APPROVED

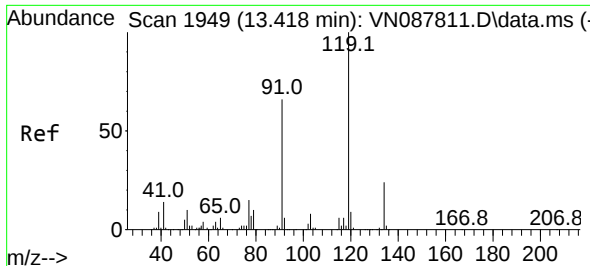
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#78
4-Chlorotoluene
Concen: 20.570 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

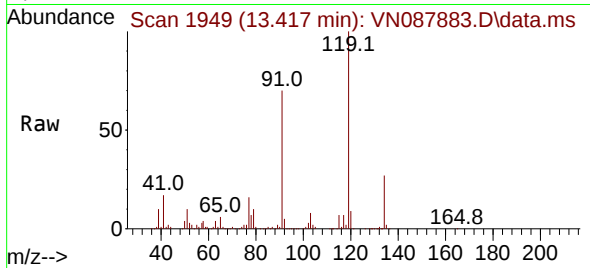
Tgt Ion: 91 Resp: 224392
Ion Ratio Lower Upper
91 100
126 33.8 0.0 67.0





#79
tert-butylbenzene
Concen: 20.916 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

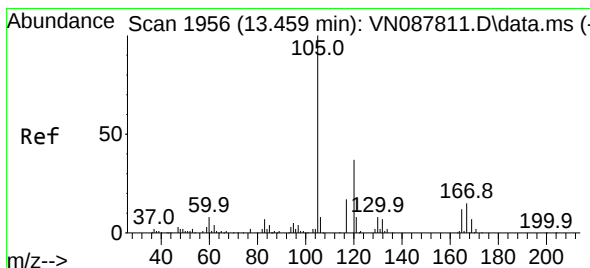
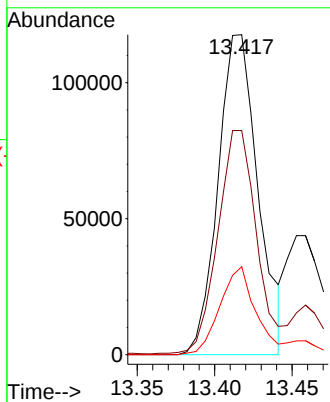
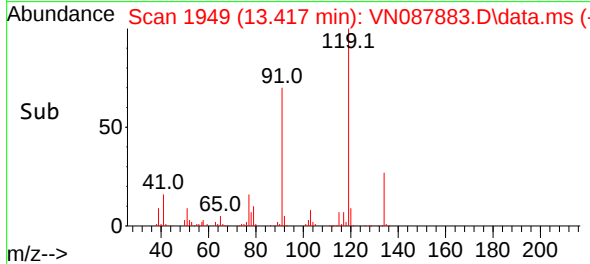
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 210768
Ion Ratio Lower Upper
119 100
91 67.3 0.0 142.6
134 24.4 0.0 47.2

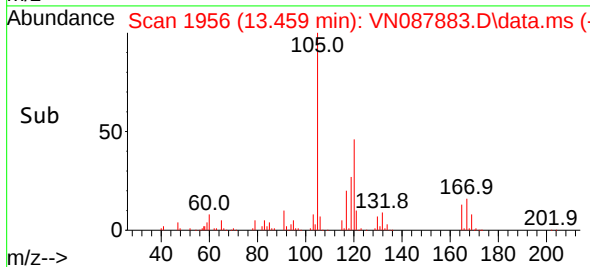
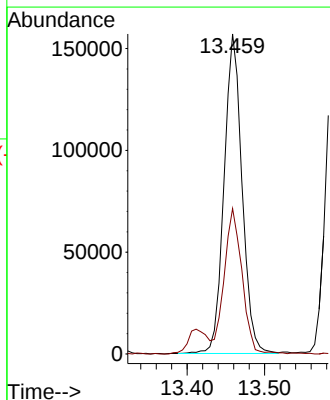
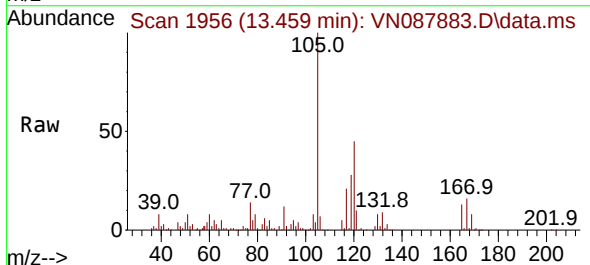
Manual Integrations
APPROVED

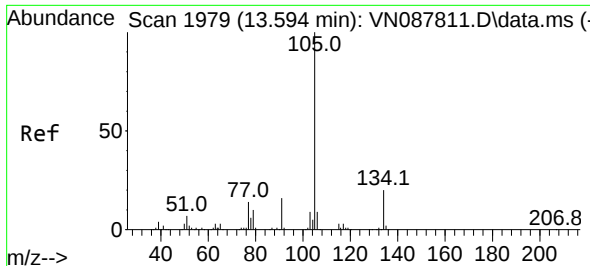
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.601 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Tgt Ion:105 Resp: 254138
Ion Ratio Lower Upper
105 100
120 43.7 0.0 86.6





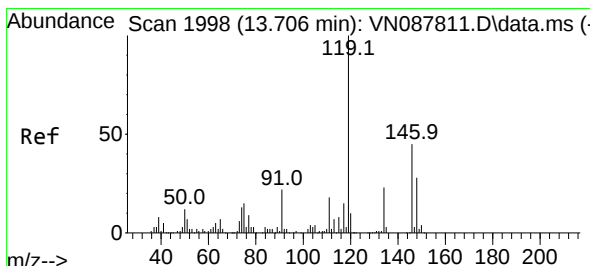
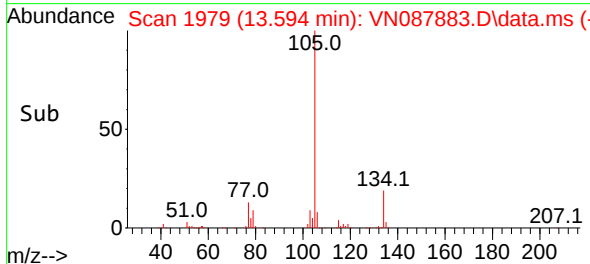
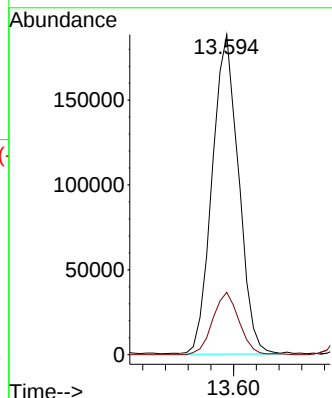
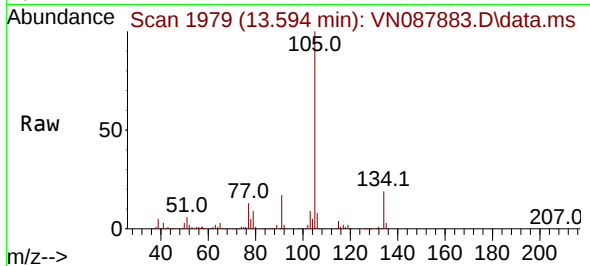
#81
 sec-Butylbenzene
 Concen: 20.558 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087883.D
 Acq: 17 Sep 2025 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 304709
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 37.0

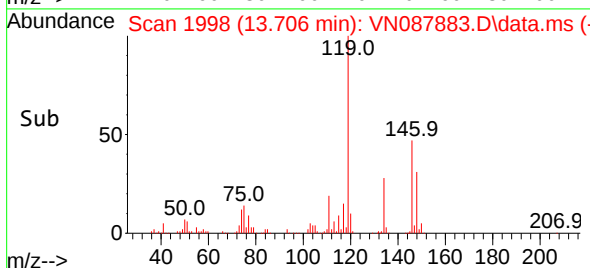
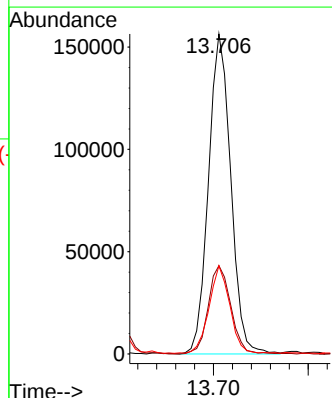
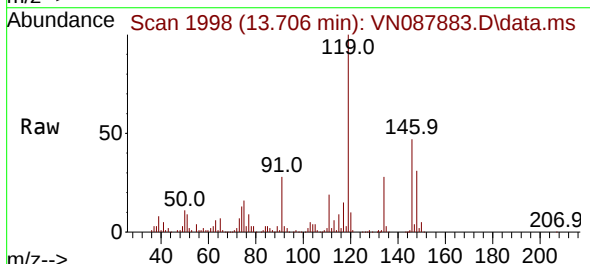
Manual Integrations
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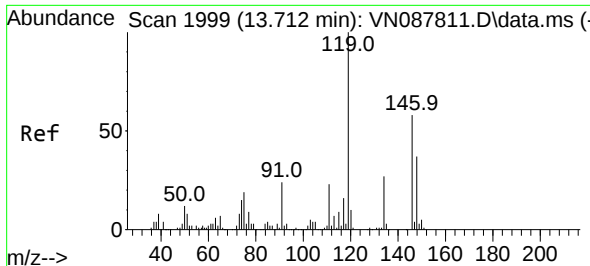
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#82
 p-Isopropyltoluene
 Concen: 20.914 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087883.D
 Acq: 17 Sep 2025 16:21

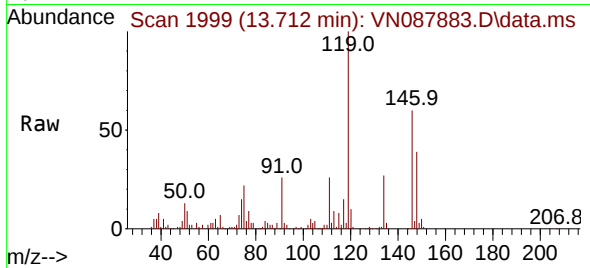
Tgt Ion:119 Resp: 255402
 Ion Ratio Lower Upper
 119 100
 134 27.7 0.0 49.4
 91 25.1 0.0 52.2





#83
1,3-Dichlorobenzene
Concen: 21.657 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

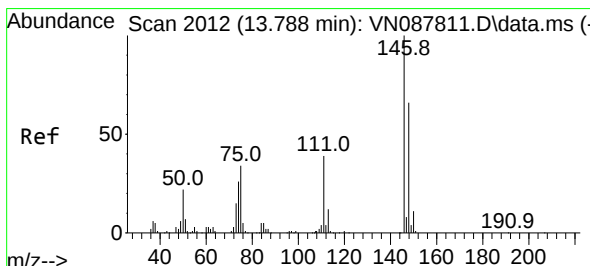
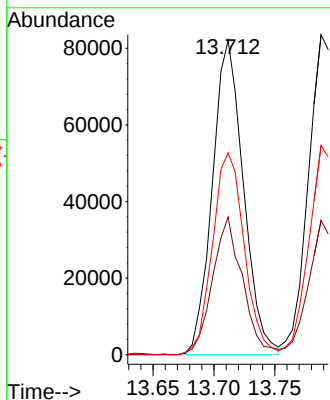
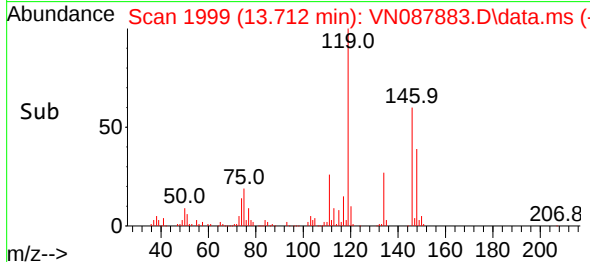
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



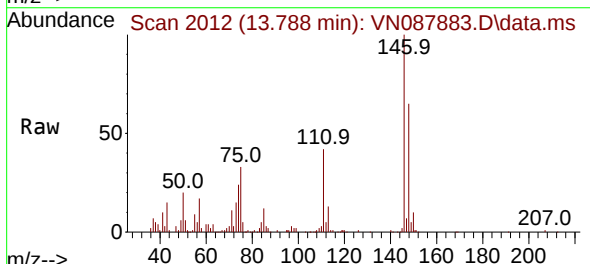
Tgt Ion:146 Resp: 14555
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.4
148 65.5 31.0 93.0

Manual Integrations
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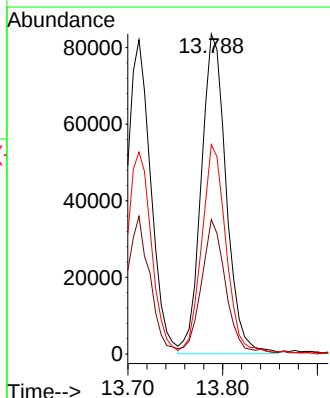
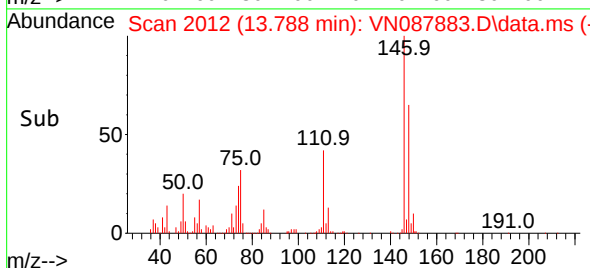
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

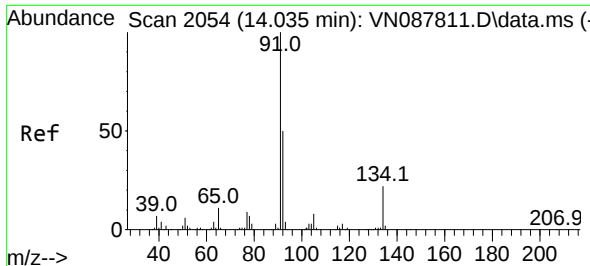


#84
1,4-Dichlorobenzene
Concen: 22.673 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21



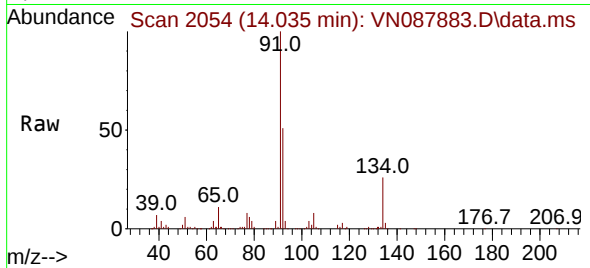
Tgt Ion:146 Resp: 152739
Ion Ratio Lower Upper
146 100
111 40.5 20.2 60.5
148 64.0 31.5 94.5





#85
n-Butylbenzene
Concen: 20.422 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

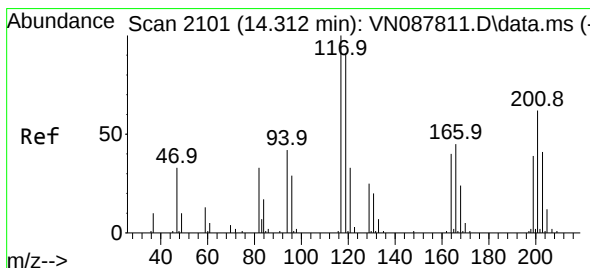
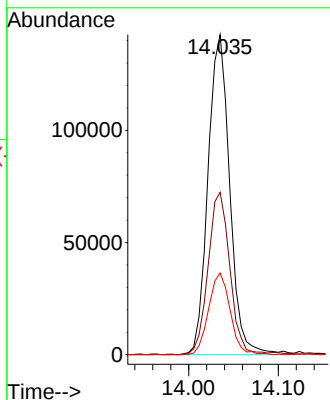
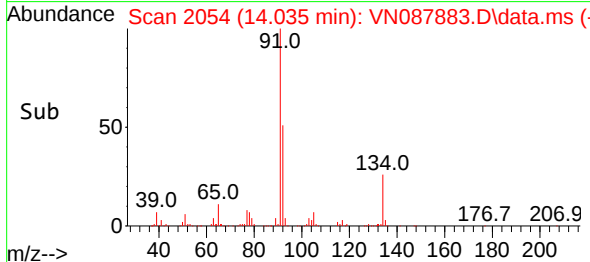
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 239728
Ion Ratio Lower Upper
91 100
92 50.7 0.0 104.0
134 25.1 0.0 46.0

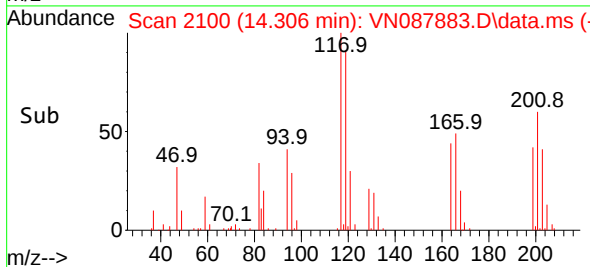
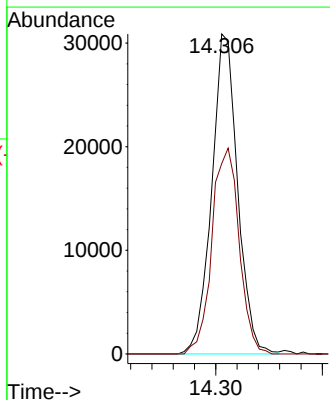
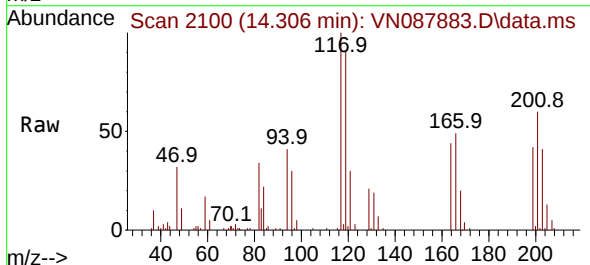
Manual Integrations
APPROVED

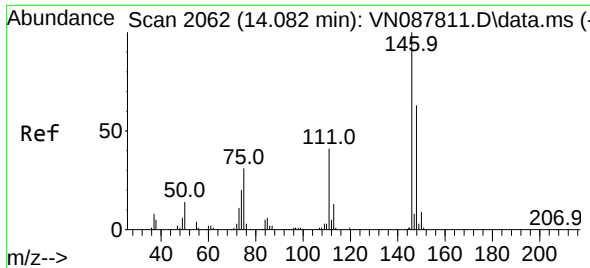
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#86
Hexachloroethane
Concen: 21.030 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

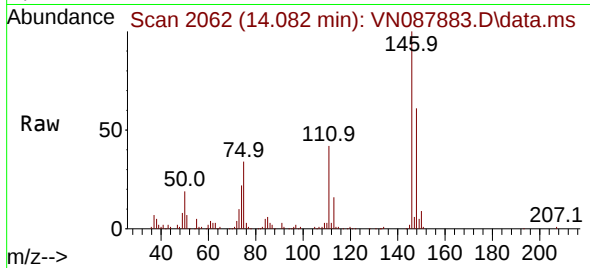
Tgt Ion:117 Resp: 52165
Ion Ratio Lower Upper
117 100
201 67.3 29.9 89.7





#87
 1,2-Dichlorobenzene
 Concen: 22.821 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN087883.D
 Acq: 17 Sep 2025 16:21

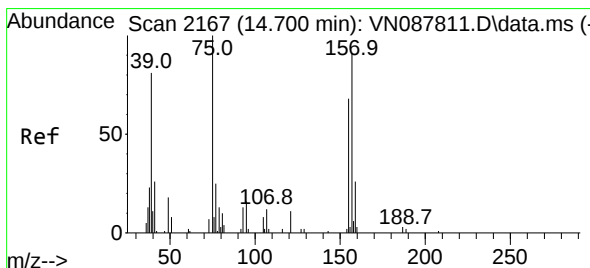
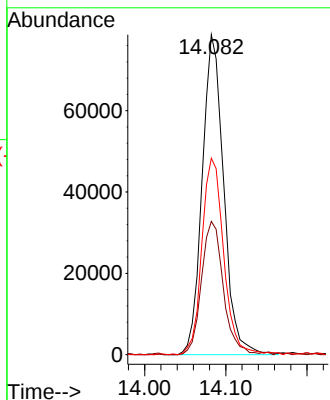
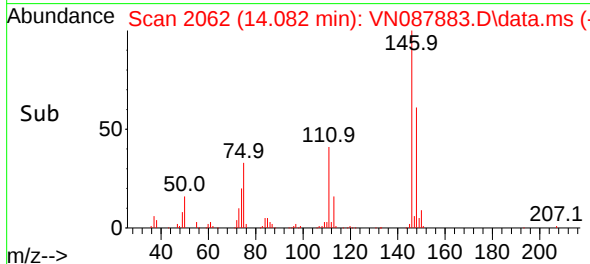
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:146 Resp: 14465
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.5 64.5
 148 62.1 33.4 100.1

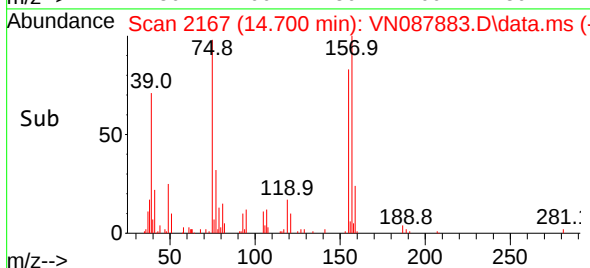
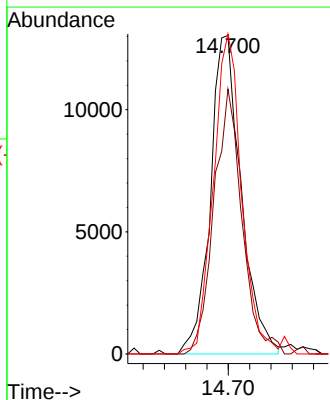
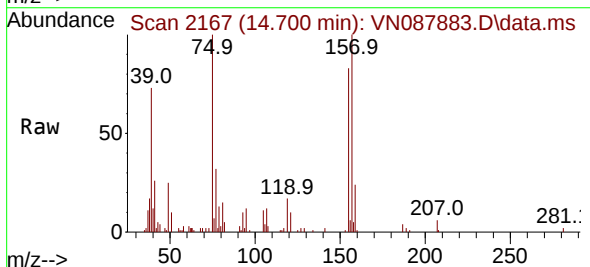
Manual Integrations
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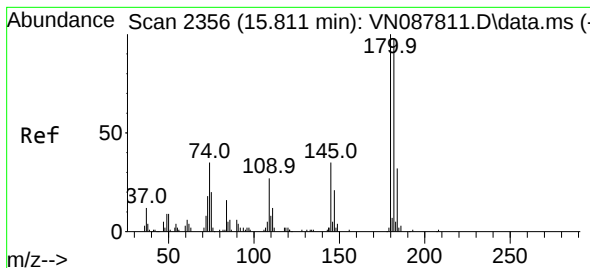
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 22.956 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087883.D
 Acq: 17 Sep 2025 16:21

Tgt Ion: 75 Resp: 26095
 Ion Ratio Lower Upper
 75 100
 155 74.6 53.0 79.4
 157 89.5 72.2 108.4





#89

1,2,4-Trichlorobenzene

Concen: 22.001 ug/l

RT: 15.817 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

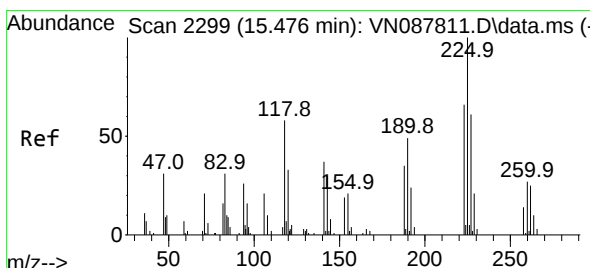
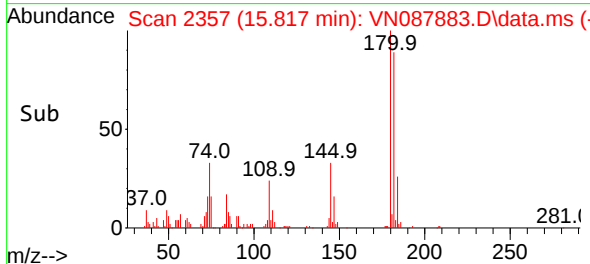
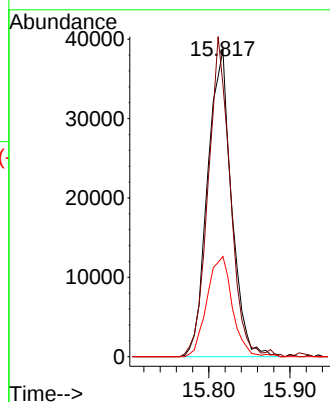
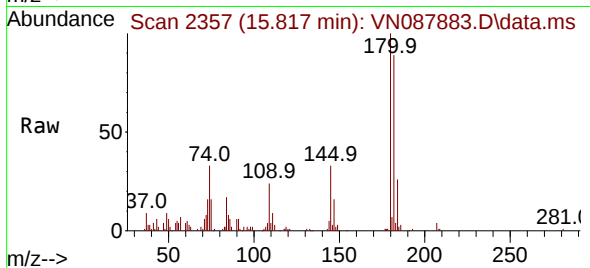
Tgt Ion:	180	Resp:	7931
Ion Ratio	Lower	Upper	
180	100		
182	95.8	74.6	111.8
145	34.4	27.4	41.0

Manual Integrations

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Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#90

Hexachlorobutadiene

Concen: 23.438 ug/l

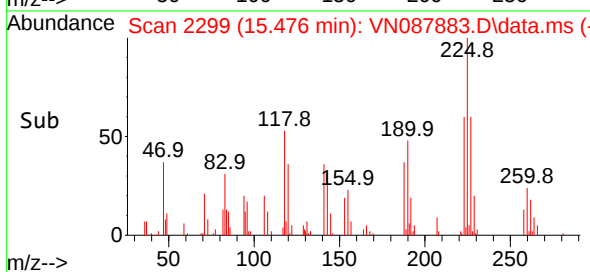
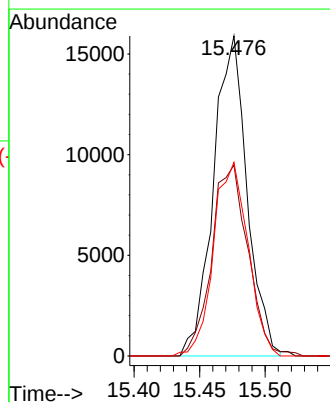
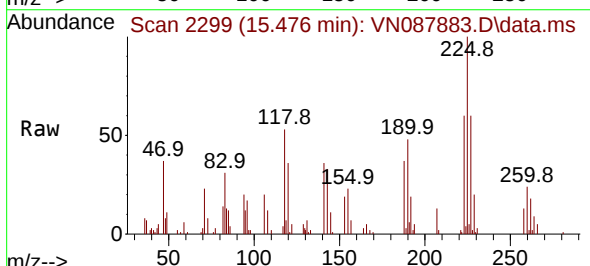
RT: 15.476 min Scan# 2299

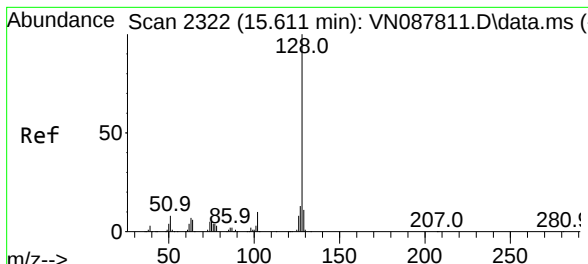
Delta R.T. 0.006 min

Lab File: VN087883.D

Acq: 17 Sep 2025 16:21

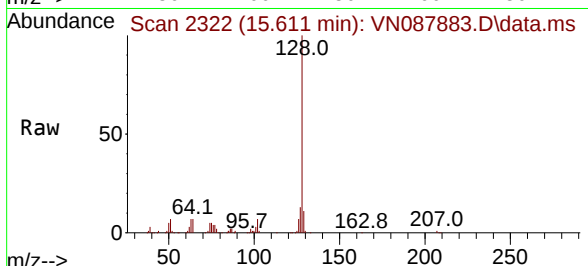
Tgt Ion:	225	Resp:	28327
Ion Ratio	Lower	Upper	
225	100		
223	64.4	0.0	118.2
227	62.1	0.0	139.0





#91
Naphthalene
Concen: 20.825 ug/l
RT: 15.611 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

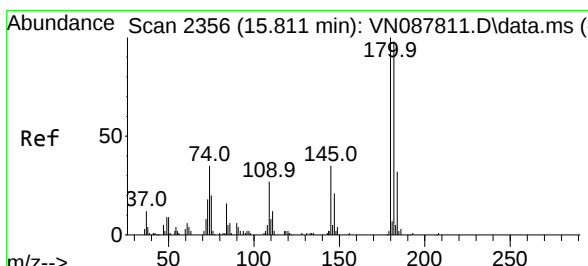
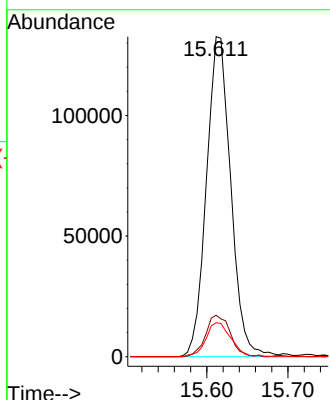
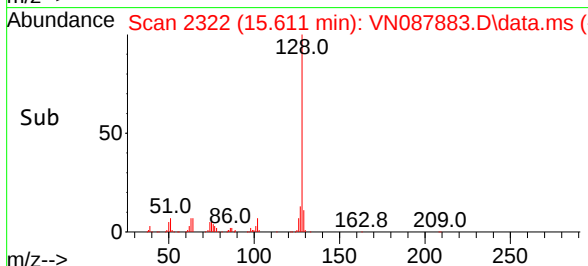
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 276408
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.3 12.5

Manual Integrations
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Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#92
1,2,3-Trichlorobenzene
Concen: 22.001 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087883.D
Acq: 17 Sep 2025 16:21

Tgt Ion:180 Resp: 79317
Ion Ratio Lower Upper
180 100
182 95.8 0.0 186.4
145 34.4 0.0 68.4

