

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
 Data File : VN087604.D
 Acq On : 20 Aug 2025 09:32
 Operator : JC\MD
 Sample : VN0820WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/21/2025
 Supervised By : Mahesh Dadoda 08/22/2025

Quant Time: Aug 21 02:39:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	57311	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	304862	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	275151	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	151846	28.726	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.767%
60) 4-Bromofluorobenzene	12.829	95	137527	29.044	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.800%
63) Toluene-d8	10.547	98	380581	30.061	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	68443	18.291	ug/l	98
3) Chloromethane	2.383	50	64220	16.728	ug/l	98
4) Vinyl Chloride	2.542	62	73150	17.965	ug/l	97
5) Bromomethane	2.977	94	32900	14.928	ug/l	87
6) Chloroethane	3.136	64	47359	18.037	ug/l	96
7) Trichlorofluoromethane	3.506	101	112898	19.266	ug/l	98
8) Diethyl Ether	3.965	74	43884	17.975	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	61511	20.584	ug/l	94
10) 1,1-Dichloroethene	4.336	96	62016	19.757	ug/l	88
11) Methyl Iodide	4.583	142	31139	12.599	ug/l	97
12) Methyl Acetate	5.018	43	108654	18.758	ug/l	94
13) Acrolein	4.177	56	114677	129.623	ug/l	98
14) Acrylonitrile	5.712	53	218183	86.261	ug/l	98
15) Acetone	4.424	58	72624	100.490	ug/l	99
16) Carbon Disulfide	4.706	76	161193	16.555	ug/l	98
17) Allyl chloride	5.006	41	106672	16.673	ug/l	94
18) Methylene Chloride	5.265	84	70911	17.548	ug/l	94
19) trans-1,2-Dichloroethene	5.771	96	63747	17.078	ug/l	95
20) Diisopropyl ether	6.659	45	234715	16.104	ug/l	98
21) 1,1-Dichloroethane	6.559	63	130505	17.323	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	76232	16.598	ug/l	99
23) tert-Butyl Alcohol	5.530	59	87181	81.115	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	237826	16.628	ug/l #	76
25) Chloroform	7.947	83	136026	17.298	ug/l	98
26) Cyclohexane	8.241	56	105599	17.507	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	90764	18.254	ug/l	97
30) 2-Butanone	7.471	43	324917	88.650	ug/l #	98
31) 2,2-Dichloropropane	7.477	77	118343	18.453	ug/l #	81
32) 1,1,1-Trichloroethane	8.147	97	116368	18.350	ug/l	97
33) Carbon Tetrachloride	8.341	117	96167	18.254	ug/l	96
34) Benzene	8.588	78	278083	17.717	ug/l	99
35) Methacrylonitrile	7.759	41	64896	16.408	ug/l	95
36) 1,2-Dichloroethane	8.653	62	108386	17.085	ug/l	99
37) Trichloroethene	9.336	130	63070	18.242	ug/l	93
38) Methylcyclohexane	9.583	83	109060	18.906	ug/l	97
39) 1,2-Dichloropropane	9.600	63	73420	18.244	ug/l	96
40) Dibromomethane	9.694	93	53177	17.612	ug/l	97
41) Bromodichloromethane	9.871	83	108039	17.219	ug/l	96
42) Vinyl Acetate	6.589	43	1115718	92.437	ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	126876	17.919	ug/l	99
44) Isopropyl Acetate	8.677	43	204017	16.998	ug/l	98
45) 1,4-Dioxane	9.683	88	28477	372.171	ug/l	99
46) Methyl methacrylate	9.665	41	90371	15.951	ug/l	99
47) n-amyl Acetate	12.600	43	123888m	18.685	ug/l	
48) t-1,3-Dichloropropene	10.818	75	114292	16.744	ug/l	95
49) cis-1,3-Dichloropropene	10.294	75	121420	17.675	ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	68431	17.938	ug/l	89
51) Ethyl methacrylate	10.859	69	110883	16.504	ug/l	95
52) 1,3-Dichloropropane	11.141	76	122215	17.782	ug/l	97
53) Dibromochloromethane	11.341	129	78835	17.894	ug/l	98
54) 1,2-Dibromoethane	11.447	107	72647	17.938	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	326555	92.327	ug/l	99
56) Bromoform	12.559	173	49224	16.892	ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	626231	88.474	ug/l	98
59) 2-Hexanone	11.177	43	405822	84.383	ug/l	98
61) Tetrachloroethene	11.082	164	49952	18.634	ug/l	93
62) Toluene	10.612	91	298471	17.575	ug/l	100
64) Chlorobenzene	11.871	112	188955	18.108	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	64898	17.689	ug/l	98
66) Ethyl Benzene	11.941	91	335148	17.706	ug/l	99
67) m/p-Xylenes	12.053	106	250018	35.985	ug/l	95
68) o-Xylene	12.376	106	120246	17.592	ug/l	98
69) Styrene	12.388	104	200884	17.212	ug/l	97
70) Isopropylbenzene	12.676	105	317874	18.305	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	108003	18.152	ug/l	97
72) 1,2,3-Trichloropropane	12.971	75	93207m	16.815	ug/l	
73) Bromobenzene	12.959	156	71391	17.734	ug/l	96
74) n-propylbenzene	13.012	91	393548	18.146	ug/l	99
75) 2-Chlorotoluene	13.106	91	229926	17.235	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	262683	17.667	ug/l	97
77) t-1,4-Dichloro-2-butene	12.718	75	33537m	15.983	ug/l	
78) 4-Chlorotoluene	13.200	91	233857	17.298	ug/l	99
79) tert-butylbenzene	13.418	119	225056	17.953	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	267558	18.008	ug/l	100
81) sec-Butylbenzene	13.594	105	340244	18.643	ug/l	99
82) p-Isopropyltoluene	13.706	119	283478	18.708	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	138911	18.121	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	143933	18.520	ug/l	99
85) n-Butylbenzene	14.035	91	275425	18.578	ug/l	99
86) Hexachloroethane	14.312	117	53217	17.984	ug/l	97
87) 1,2-Dichlorobenzene	14.088	146	135512	18.519	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	24246	16.085	ug/l	91
89) 1,2,4-Trichlorobenzene	15.812	180	74255	16.980	ug/l	96
90) Hexachlorobutadiene	15.470	225	31835	18.721	ug/l	96
91) Naphthalene	15.617	128	286665	17.192	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	74255	16.980	ug/l	96

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



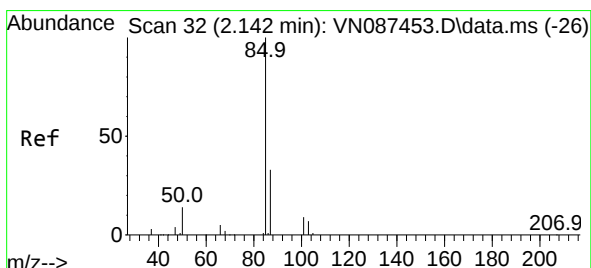
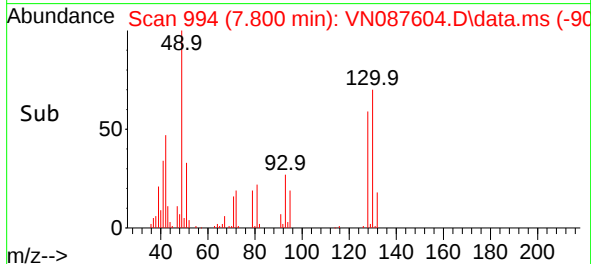
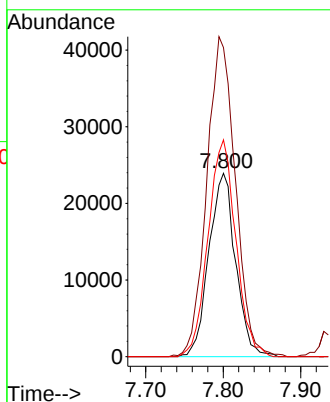
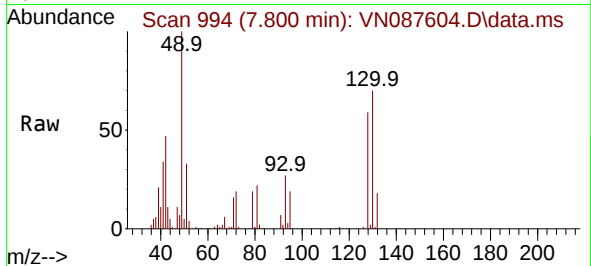
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

Instrument :
MSVOA_N
Client Sample Id :
VN0820WBS01

Tgt Ion: 128 Resp: 5731
Ion Ratio Lower Upper
128 100
49 187.0 0.0 494.8
130 123.3 0.0 321.5

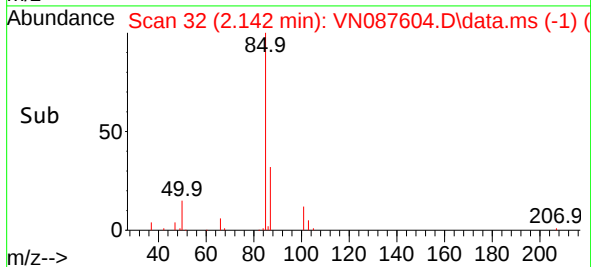
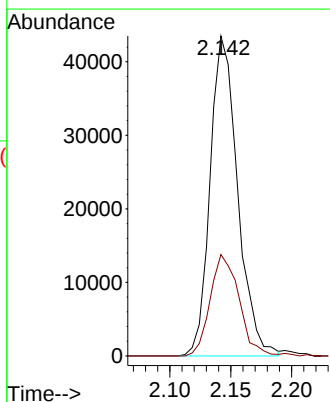
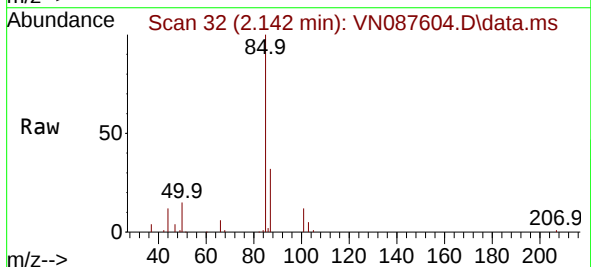
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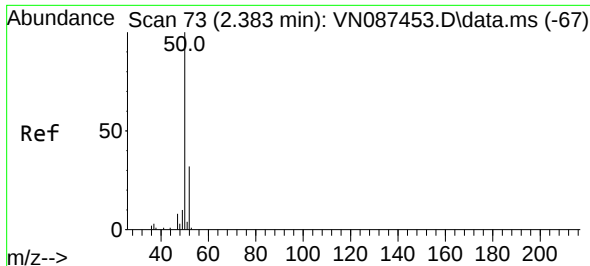
Reviewed By : John Carlone 08/21/2025
Supervised By : Mahesh Dadoda 08/22/2025



#2
Dichlorodifluoromethane
Concen: 18.291 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

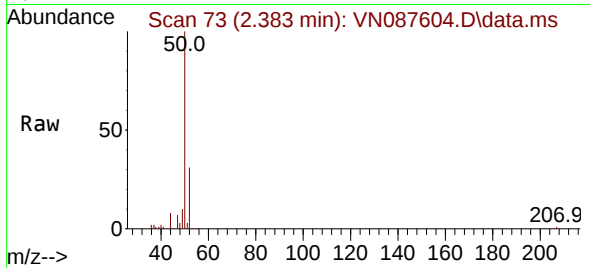
Tgt Ion: 85 Resp: 68443
Ion Ratio Lower Upper
85 100
87 31.7 16.4 49.2





#3
Chloromethane
Concen: 16.728 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

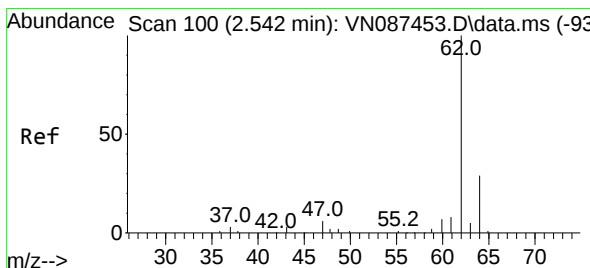
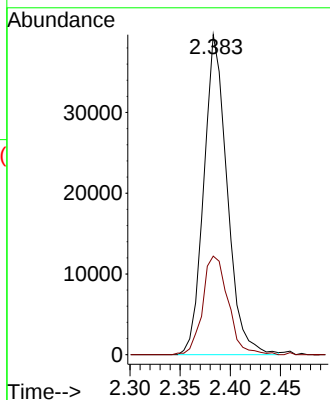
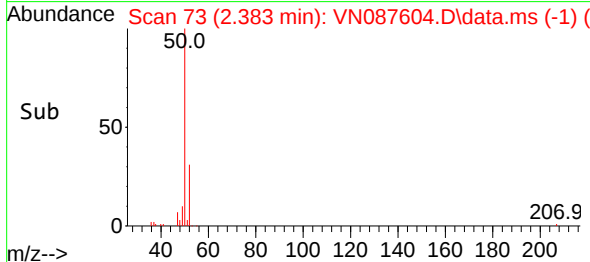
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 50 Resp: 64220
Ion Ratio Lower Upper
50 100
52 30.8 25.8 38.6

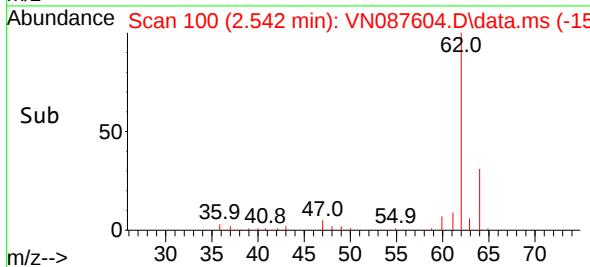
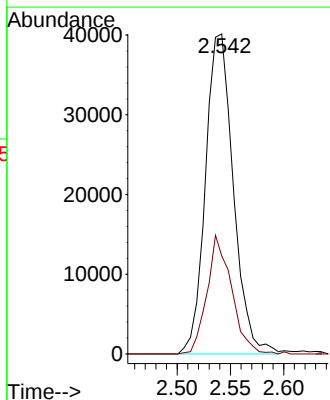
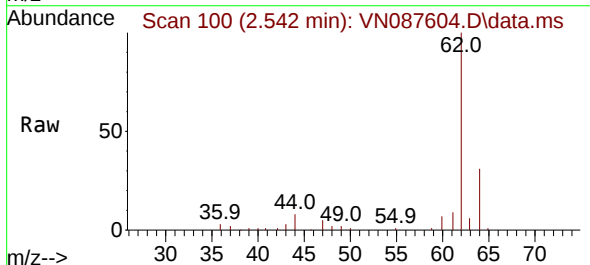
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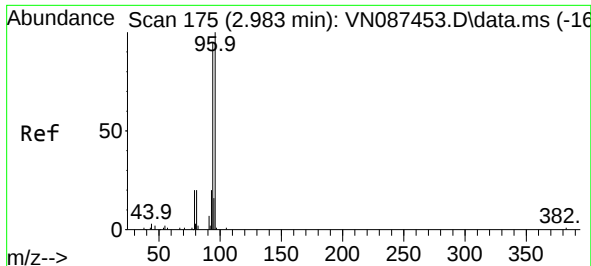
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#4
Vinyl Chloride
Concen: 17.965 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

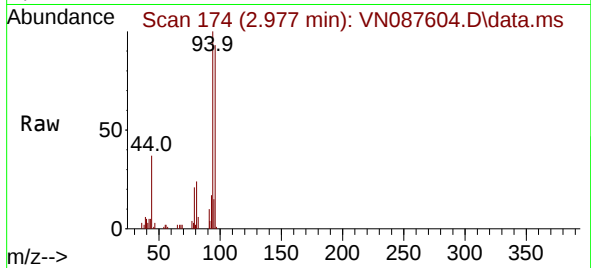
Tgt Ion: 62 Resp: 73150
Ion Ratio Lower Upper
62 100
64 30.6 23.4 35.2





#5
Bromomethane
Concen: 14.928 ug/l
RT: 2.977 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

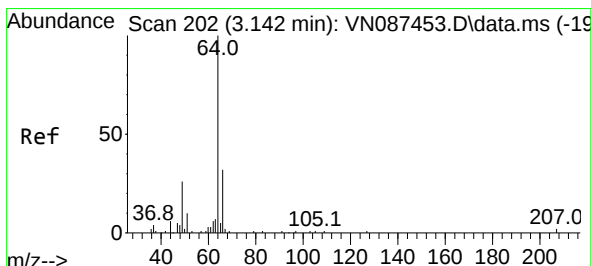
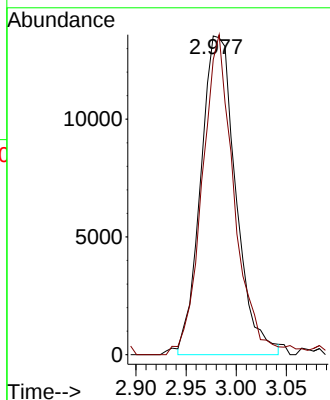
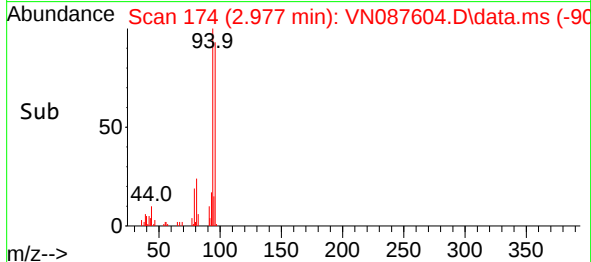
Instrument :
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ClientSampleId :
VN0820WBS01



Tgt Ion: 94 Resp: 32900
Ion Ratio Lower Upper
94 100
96 91.8 84.2 126.4

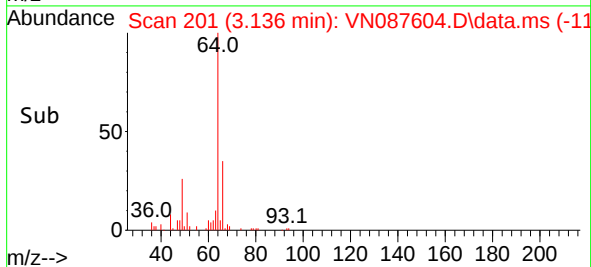
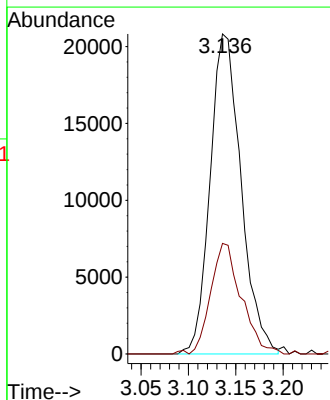
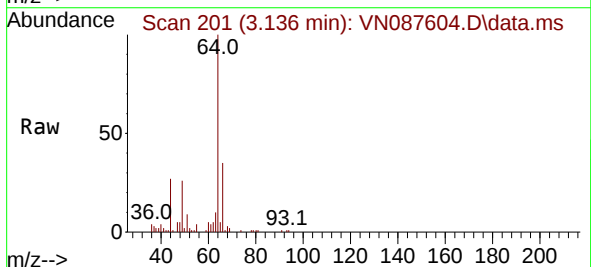
Manual Integrations
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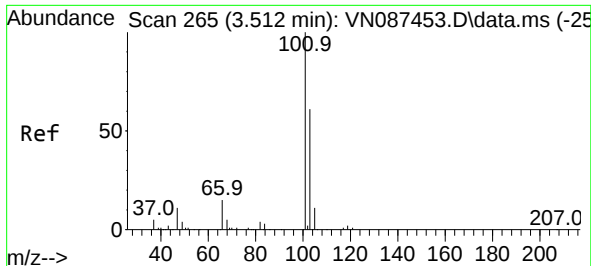
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#6
Chloroethane
Concen: 18.037 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

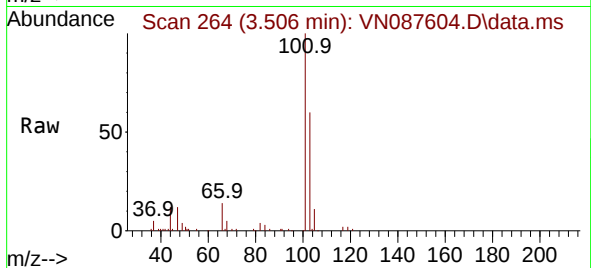
Tgt Ion: 64 Resp: 47359
Ion Ratio Lower Upper
64 100
66 33.8 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 19.266 ug/l
 RT: 3.506 min Scan# 265
 Delta R.T. -0.006 min
 Lab File: VN087604.D
 Acq: 20 Aug 2025 09:32

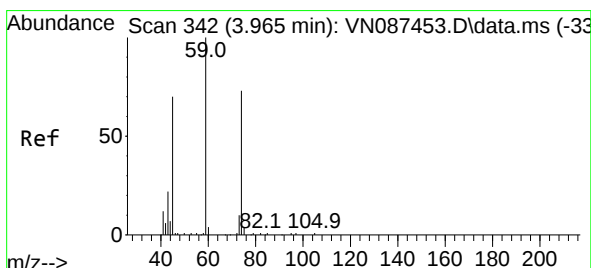
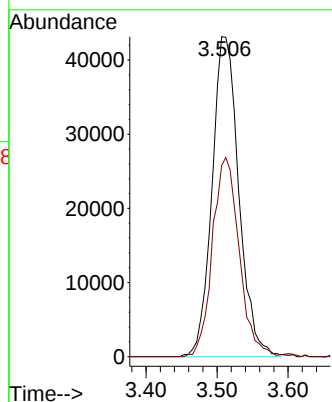
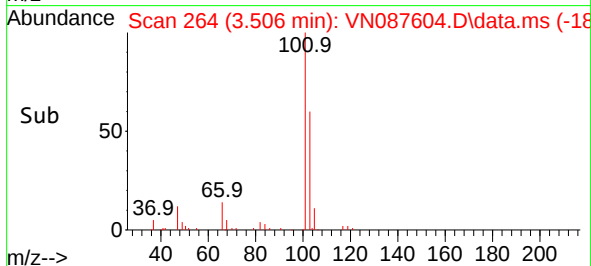
Instrument :
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Tgt Ion:101 Resp: 112898
 Ion Ratio Lower Upper
 101 100
 103 59.8 49.2 73.8

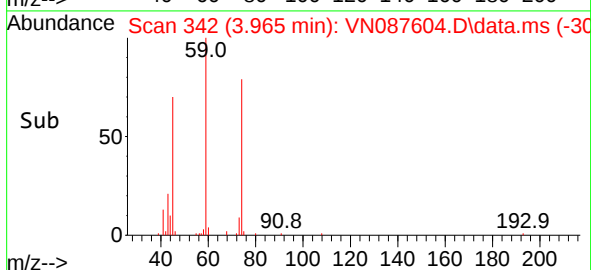
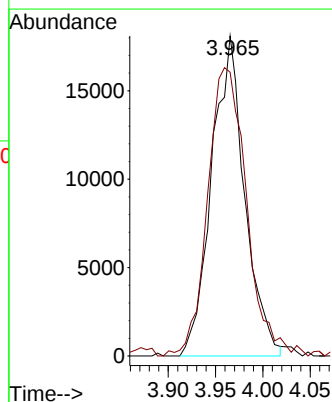
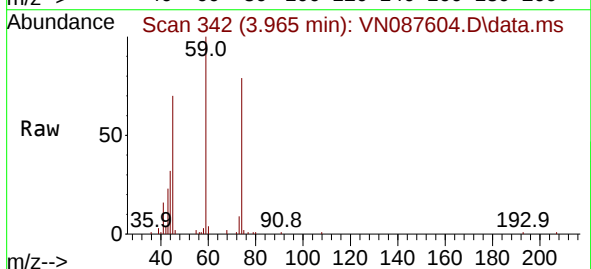
Manual Integrations
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Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/22/2025



#8
 Diethyl Ether
 Concen: 17.975 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087604.D
 Acq: 20 Aug 2025 09:32

Tgt Ion: 74 Resp: 43884
 Ion Ratio Lower Upper
 74 100
 45 105.1 20.1 180.9





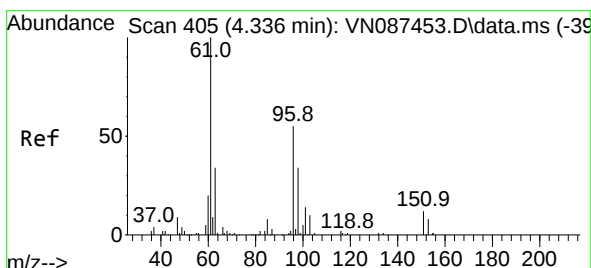
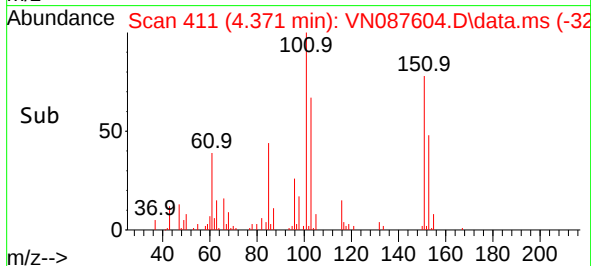
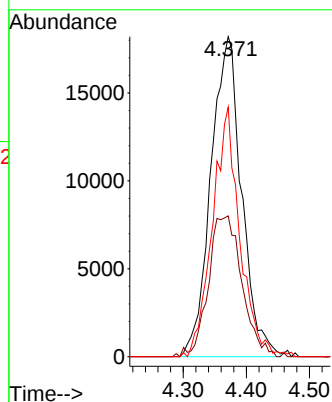
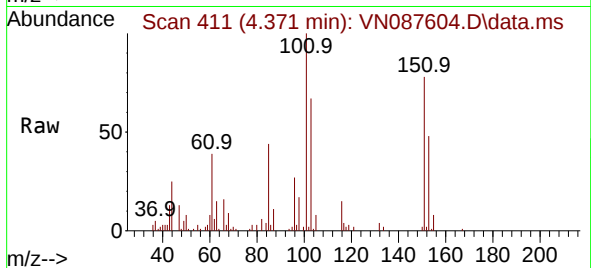
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 1,1,2-Trichlorotrifluoroethane
 Concen: 20.584 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087604.D
 Acq: 20 Aug 2025 09:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tgt Ion:101 Resp: 6151
 Ion Ratio Lower Upper
 101 100
 85 18.7 0.0 57.0
 151 67.7 0.0 134.2

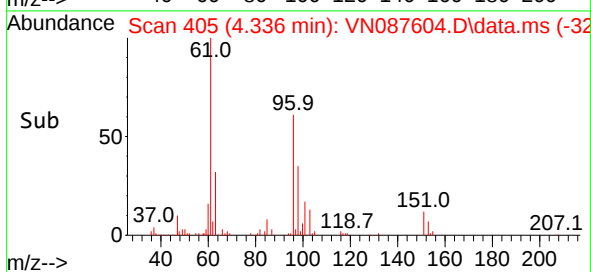
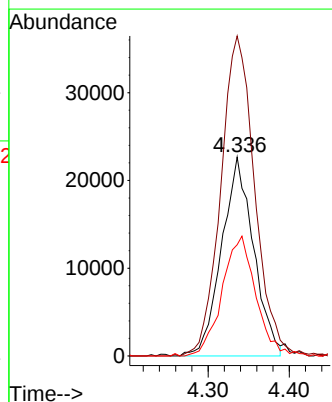
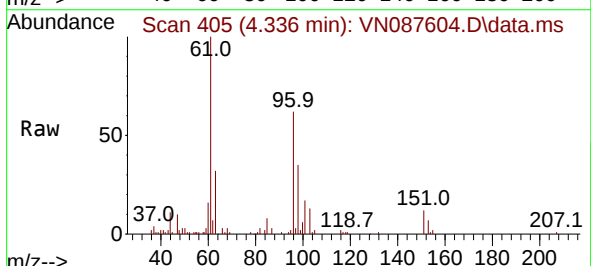
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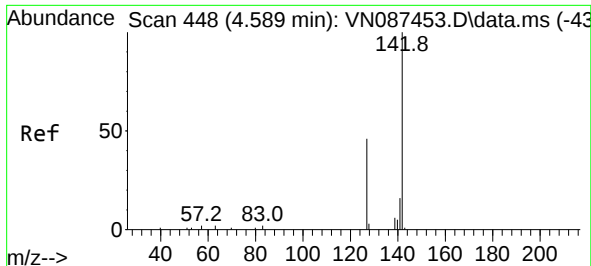
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/22/2025



#10
 1,1-Dichloroethene
 Concen: 19.757 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN087604.D
 Acq: 20 Aug 2025 09:32

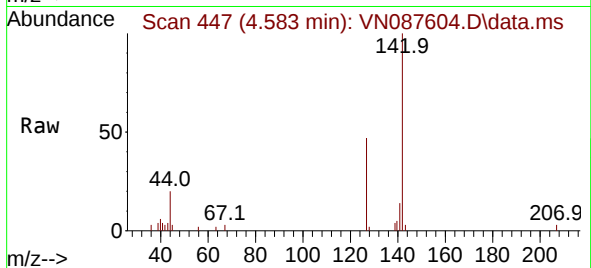
Tgt Ion: 96 Resp: 62016
 Ion Ratio Lower Upper
 96 100
 61 160.9 144.2 216.4
 98 55.9 49.7 74.5





#11
Methyl Iodide
Concen: 12.599 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

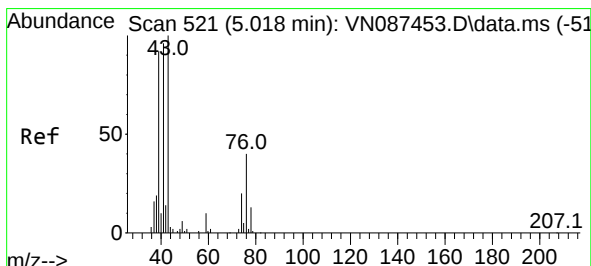
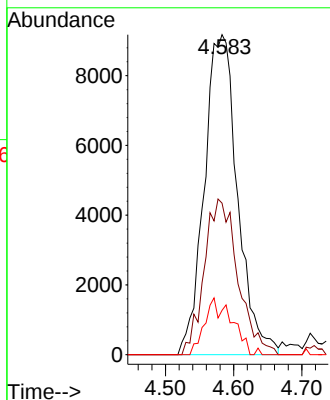
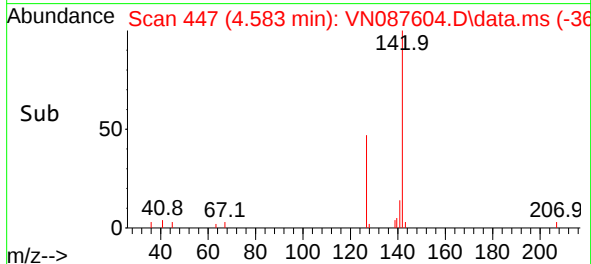
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion:142 Resp: 31139
Ion Ratio Lower Upper
142 100
127 47.8 22.9 68.7
141 14.0 7.7 23.1

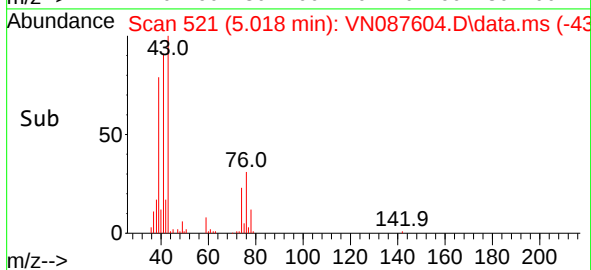
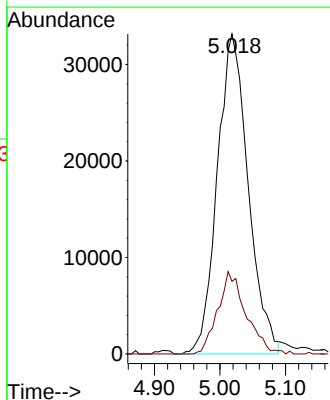
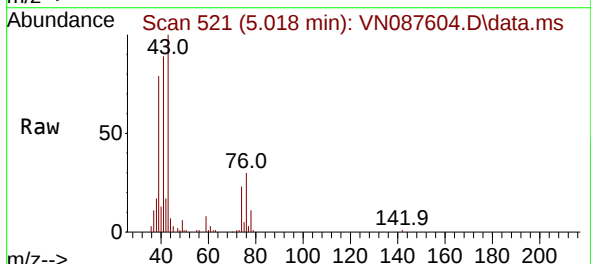
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#12
Methyl Acetate
Concen: 18.758 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

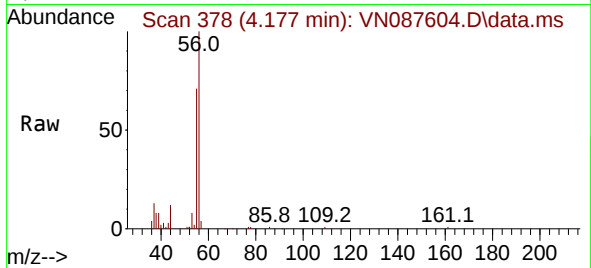
Tgt Ion: 43 Resp: 108654
Ion Ratio Lower Upper
43 100
74 22.6 16.0 24.0





#13
Acrolein
Concen: 129.623 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

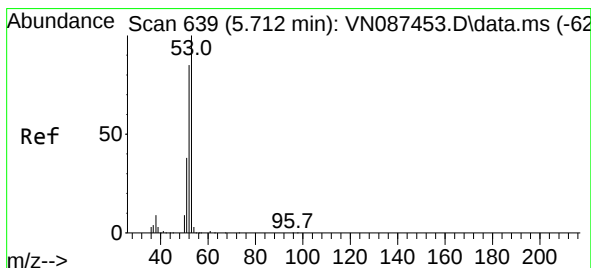
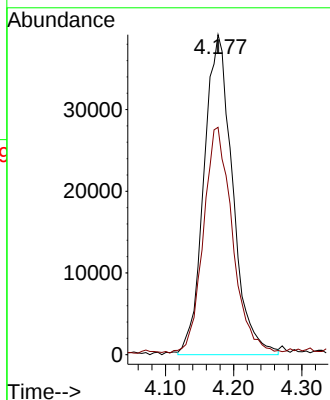
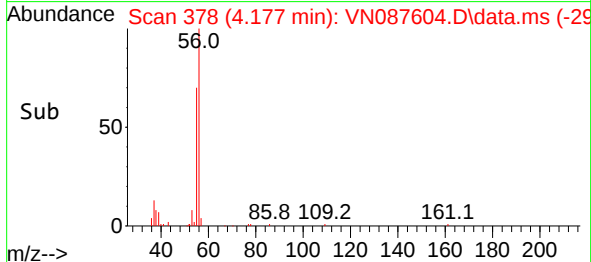
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 56 Resp: 11467
Ion Ratio Lower Upper
56 100
55 72.9 57.4 86.0

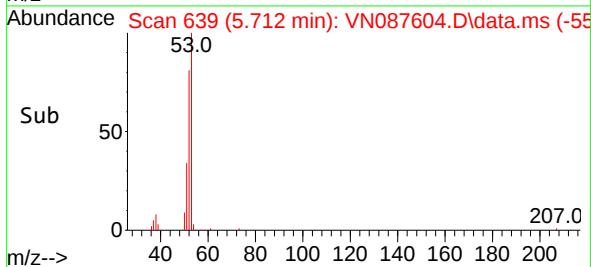
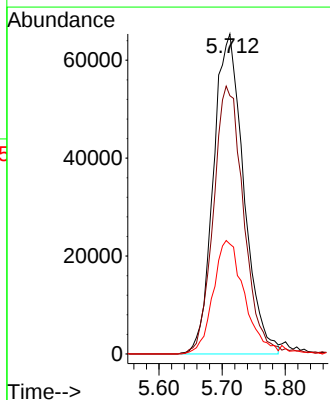
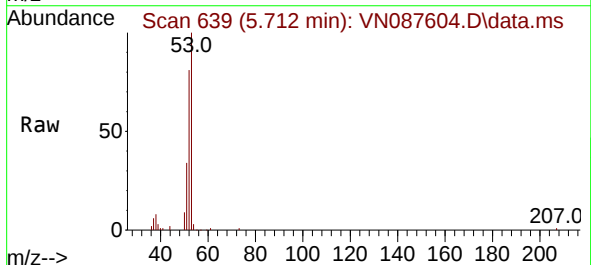
Manual Integrations
APPROVED

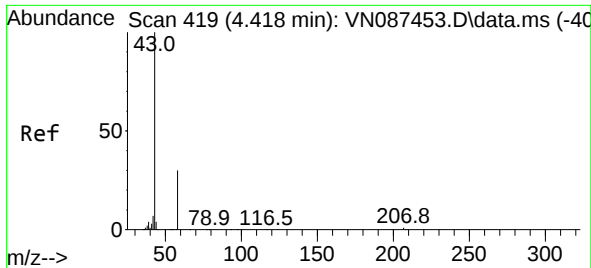
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#14
Acrylonitrile
Concen: 86.261 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

Tgt Ion: 53 Resp: 218183
Ion Ratio Lower Upper
53 100
52 83.0 42.4 127.2
51 36.5 18.5 55.5





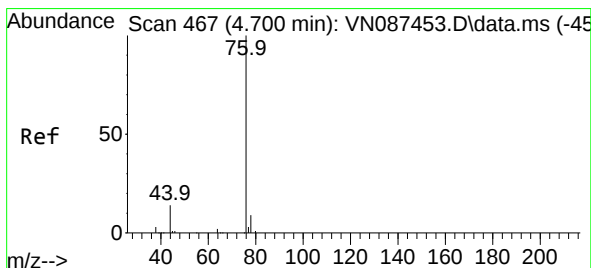
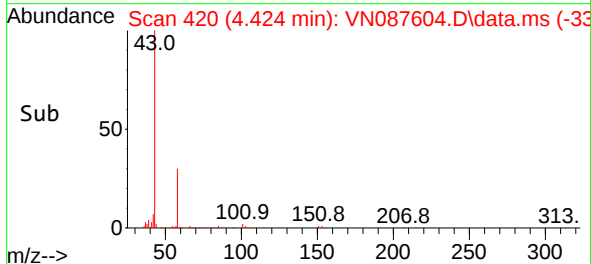
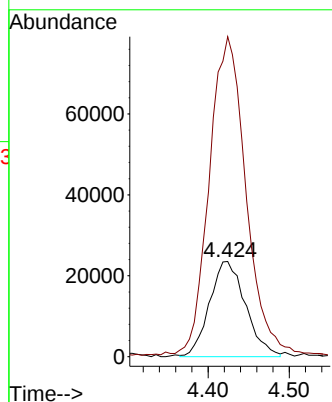
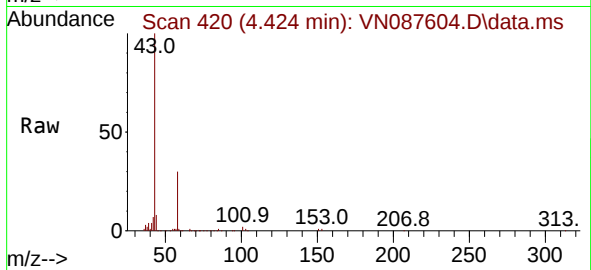
#15
Acetone
Concen: 100.490 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tgt Ion: 58 Resp: 72624
Ion Ratio Lower Upper
58 100
43 338.8 268.9 403.3

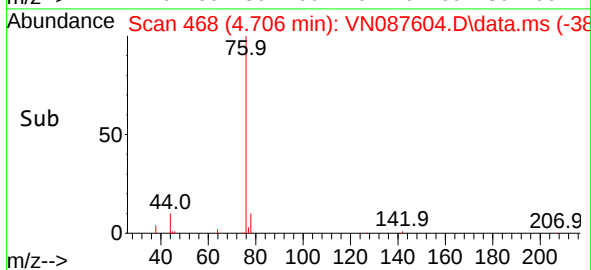
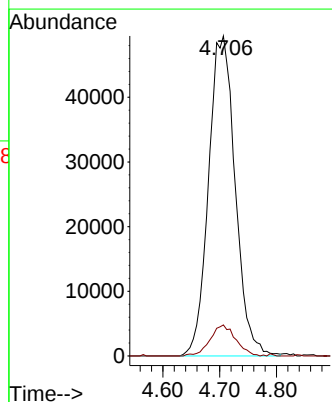
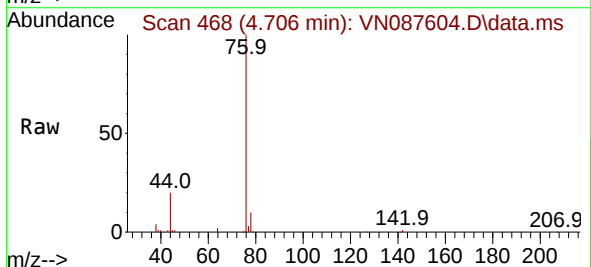
Manual Integrations
APPROVED

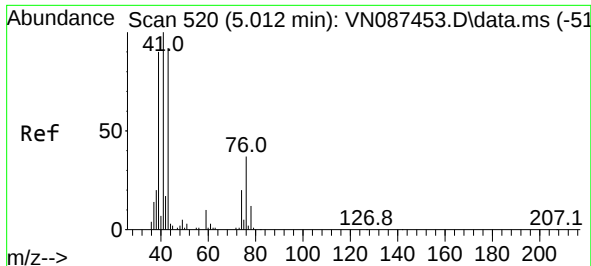
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#16
Carbon Disulfide
Concen: 16.555 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

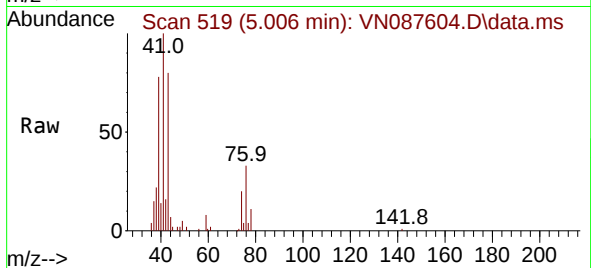
Tgt Ion: 76 Resp: 161193
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7





#17
Allyl chloride
Concen: 16.673 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

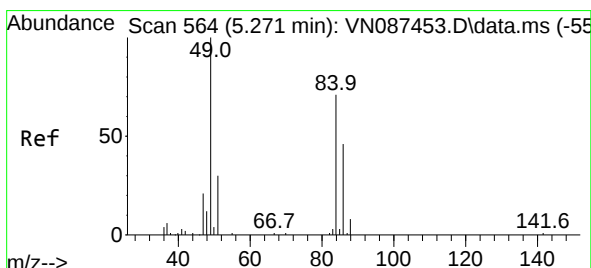
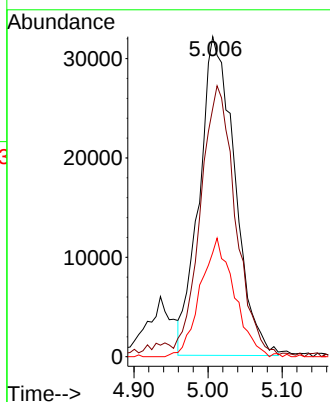
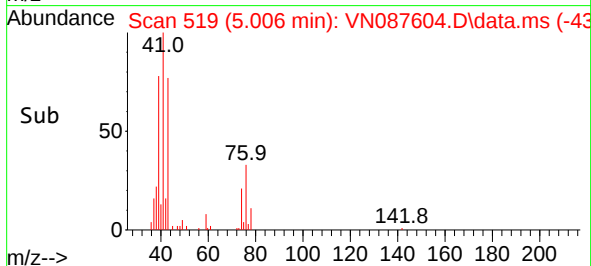
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 41 Resp: 106672
Ion Ratio Lower Upper
41 100
39 78.2 42.4 127.2
76 32.0 16.9 50.6

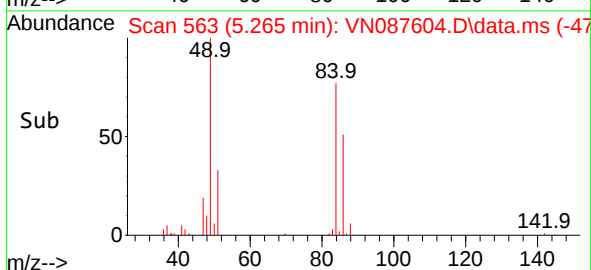
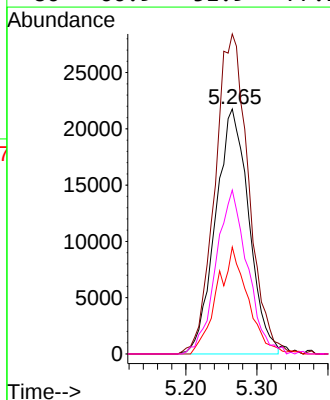
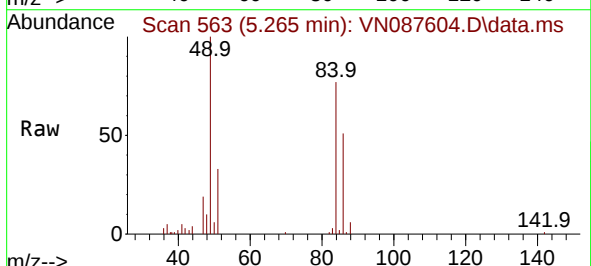
Manual Integrations
APPROVED

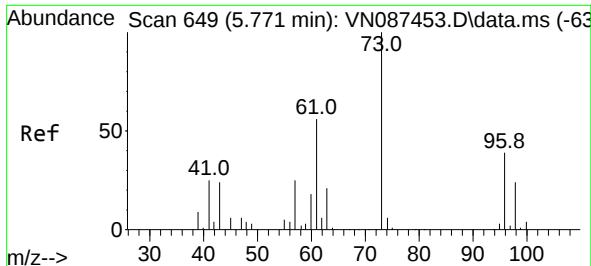
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#18
Methylene Chloride
Concen: 17.548 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

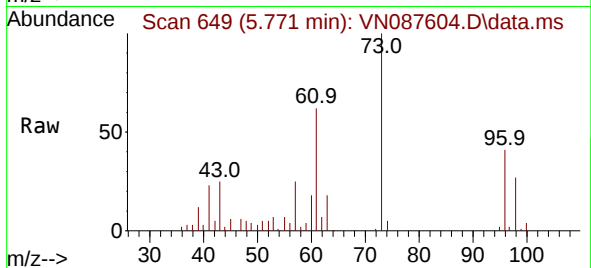
Tgt Ion: 84 Resp: 70911
Ion Ratio Lower Upper
84 100
49 130.7 112.9 169.3
51 43.6 33.8 50.8
86 66.9 51.9 77.9





#19
trans-1,2-Dichloroethene
Concen: 17.078 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

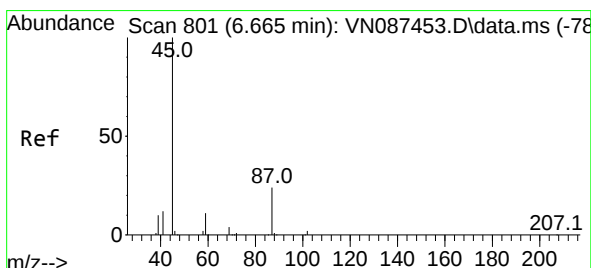
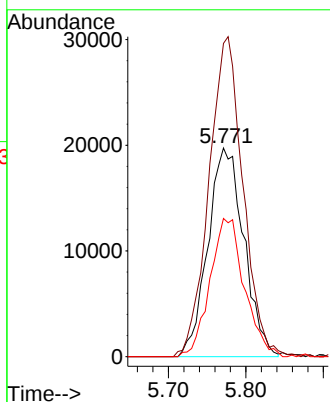
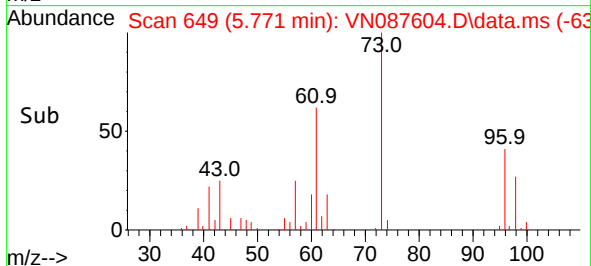
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



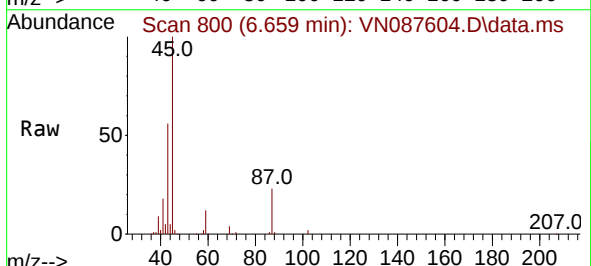
Tgt Ion: 96 Resp: 63745
Ion Ratio Lower Upper
96 100
61 147.7 114.2 171.4
98 66.3 48.7 73.1

Manual Integrations
APPROVED

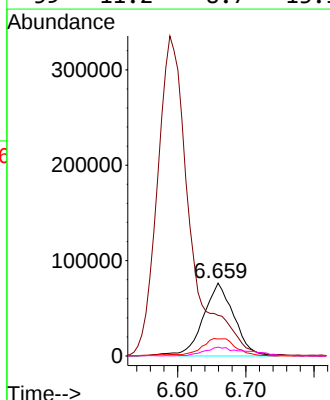
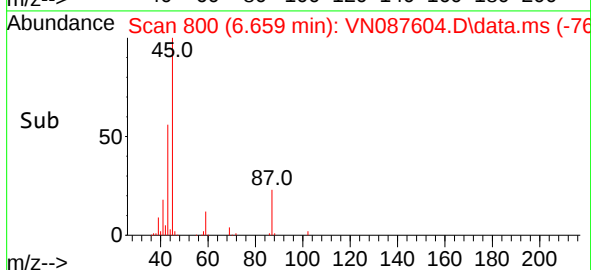
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

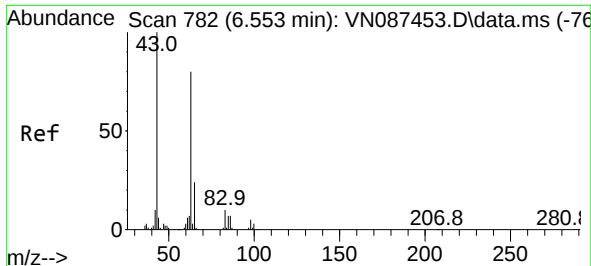


#20
Diisopropyl ether
Concen: 16.104 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



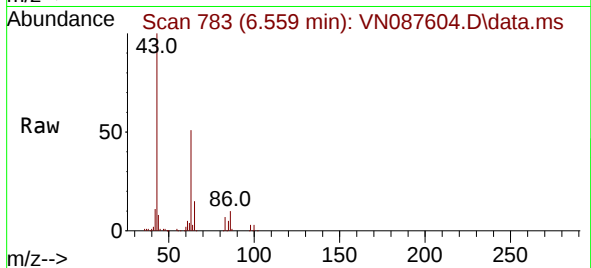
Tgt Ion: 45 Resp: 234715
Ion Ratio Lower Upper
45 100
43 54.3 44.7 67.1
87 23.6 20.2 30.2
59 11.2 8.7 13.1





#21
1,1-Dichloroethane
Concen: 17.323 ug/l
RT: 6.559 min Scan# 782
Delta R.T. 0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

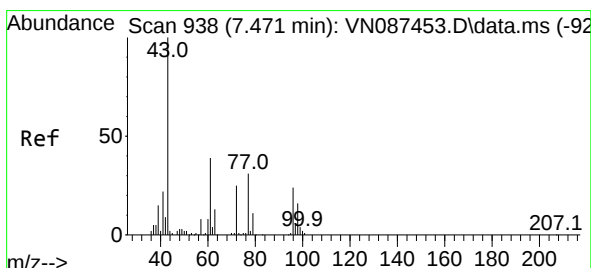
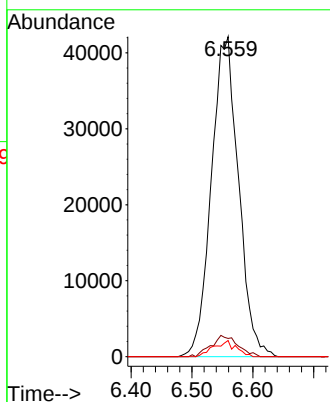
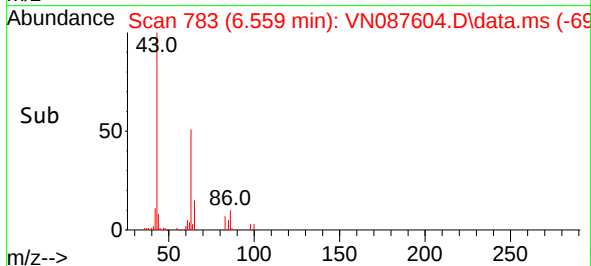
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 63 Resp: 13050
Ion Ratio Lower Upper
63 100
98 5.7 3.0 9.0
100 5.0 1.9 5.7

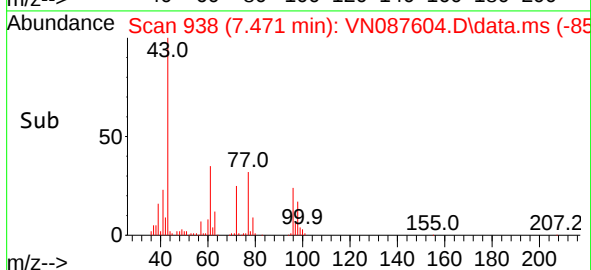
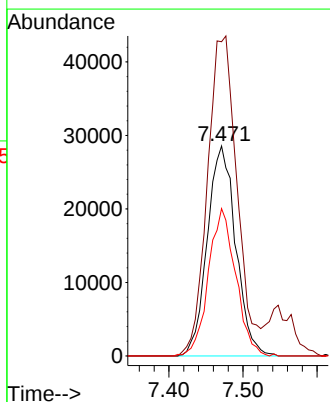
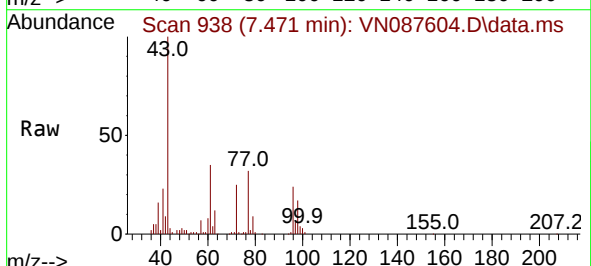
Manual Integrations
APPROVED

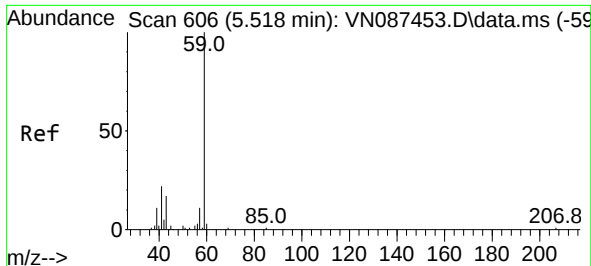
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#22
cis-1,2-Dichloroethene
Concen: 16.598 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

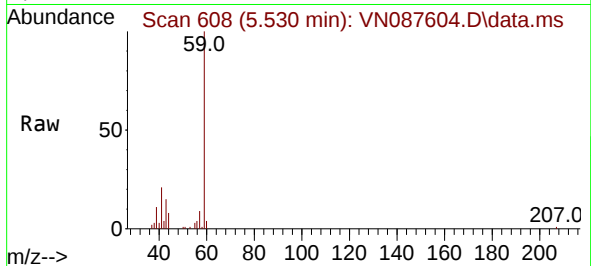
Tgt Ion: 96 Resp: 76232
Ion Ratio Lower Upper
96 100
61 158.6 126.6 190.0
98 67.1 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 81.115 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

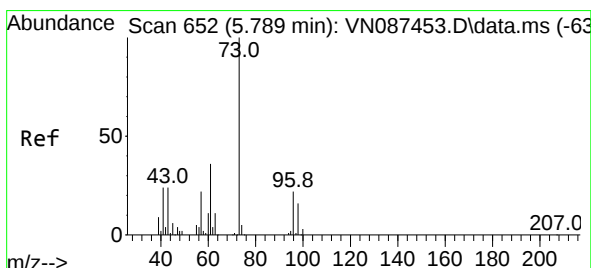
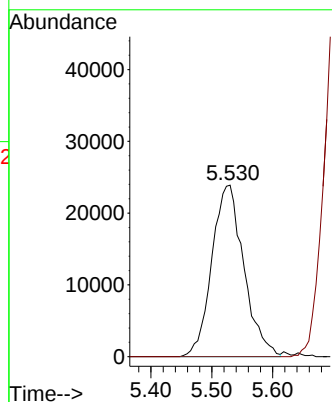
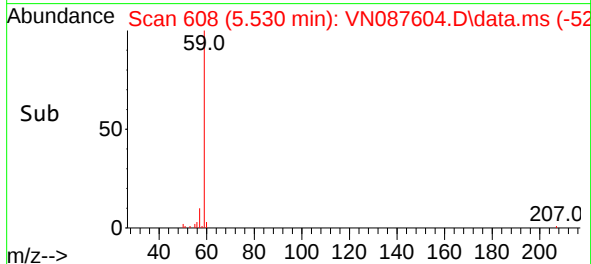
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 59 Resp: 8718
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

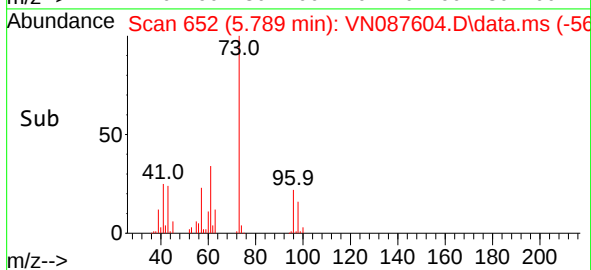
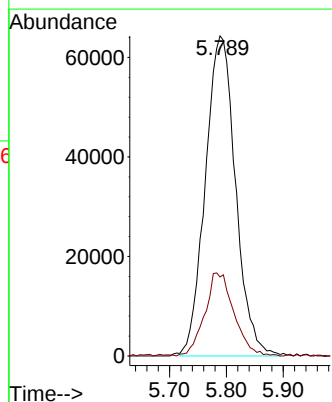
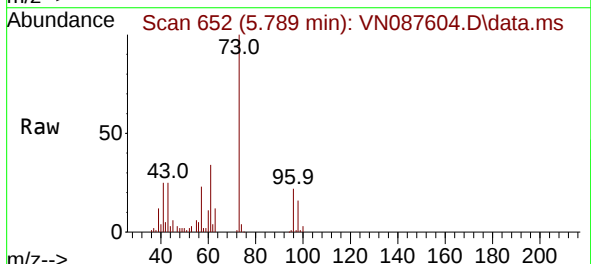
Manual Integrations
APPROVED

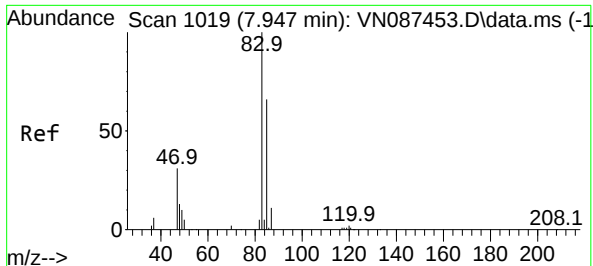
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#24
Methyl tert-Butyl Ether
Concen: 16.628 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

Tgt Ion: 73 Resp: 237826
Ion Ratio Lower Upper
73 100
43 13.1 19.9 29.9#





#25

Chloroform

Concen: 17.298 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087604.D

Acq: 20 Aug 2025 09:32

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

Tgt Ion: 83 Resp: 136020

Ion Ratio Lower Upper

83 100

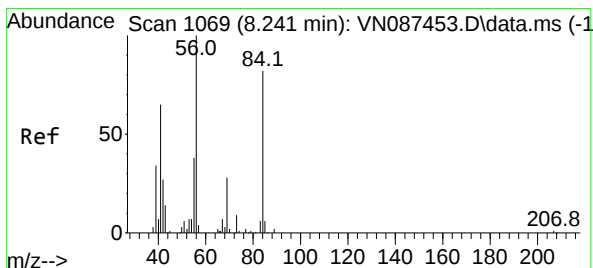
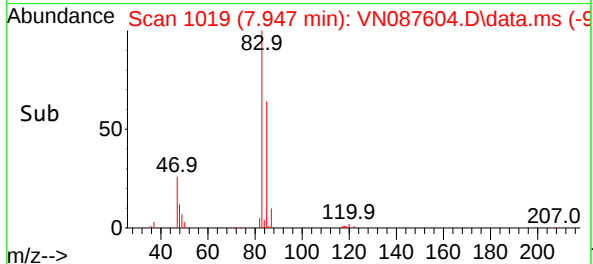
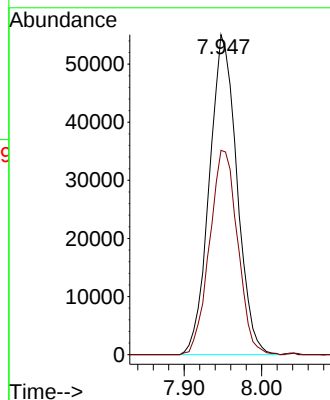
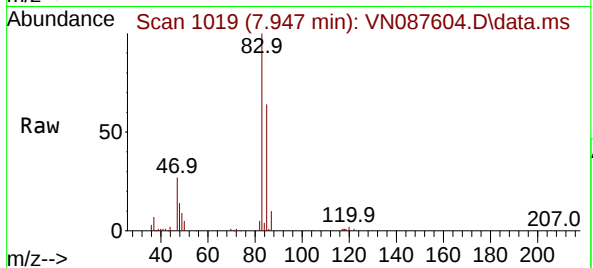
85 63.8 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#26

Cyclohexane

Concen: 17.507 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087604.D

Acq: 20 Aug 2025 09:32

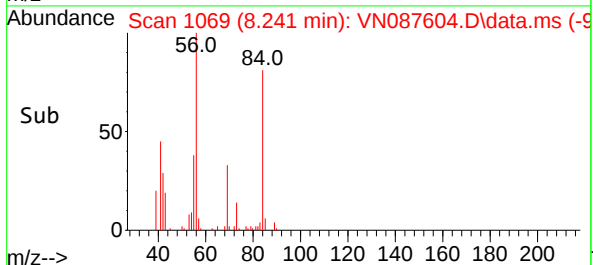
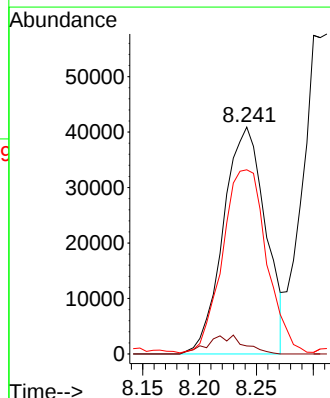
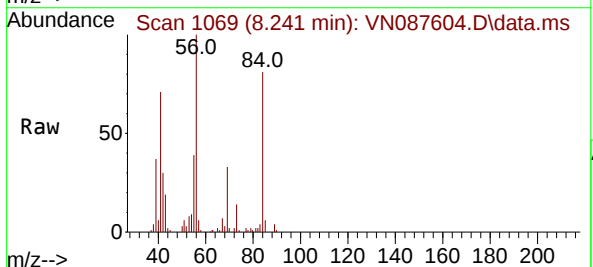
Tgt Ion: 56 Resp: 105599

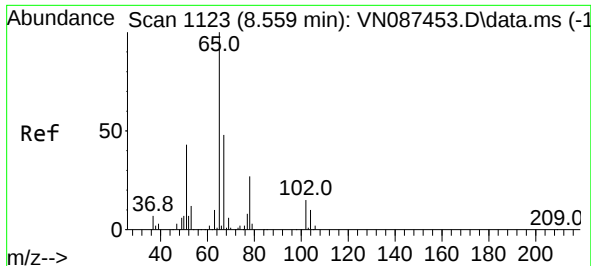
Ion Ratio Lower Upper

56 100

89 4.0 2.3 3.5#

84 84.1 67.0 100.4





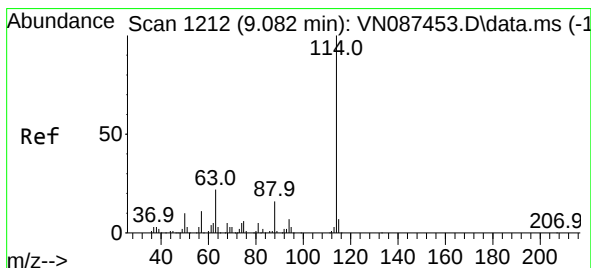
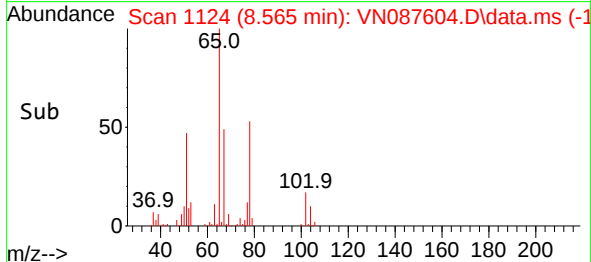
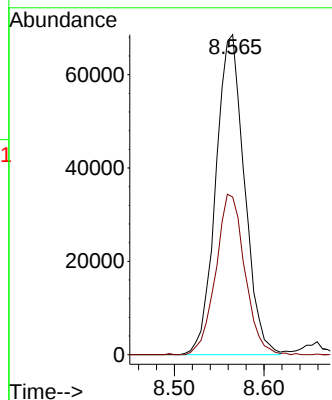
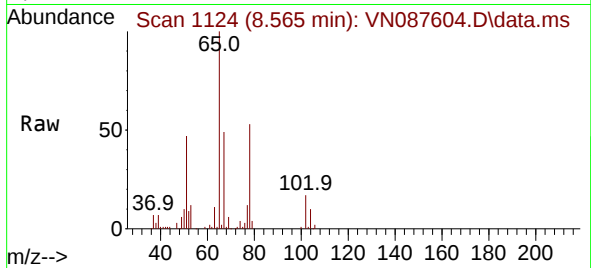
#27
1,2-Dichloroethane-d4
Concen: 28.726 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tgt Ion: 65 Resp: 151840
Ion Ratio Lower Upper
65 100
67 50.8 40.8 61.2

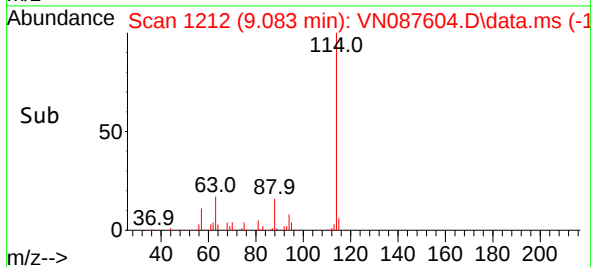
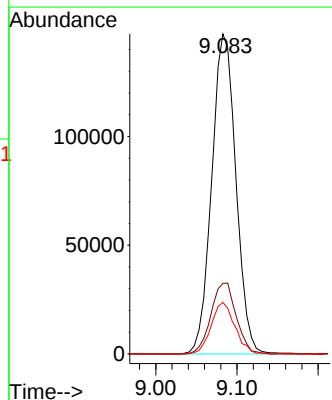
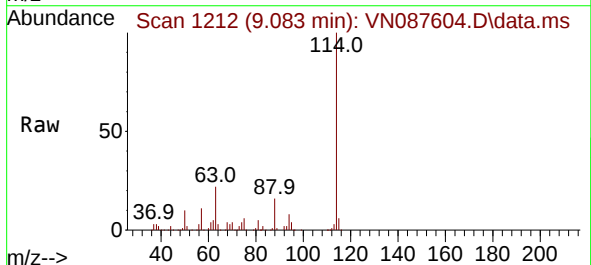
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

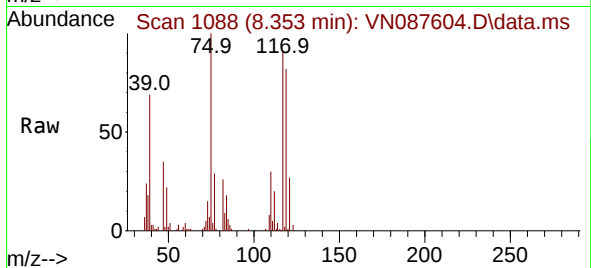
Tgt Ion:114 Resp: 304862
Ion Ratio Lower Upper
114 100
63 23.2 18.9 28.3
88 15.8 13.1 19.7





#29
1,1-Dichloropropene
Concen: 18.254 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

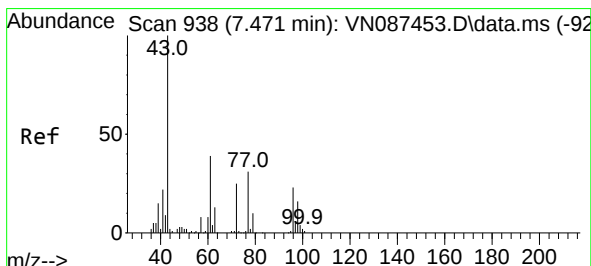
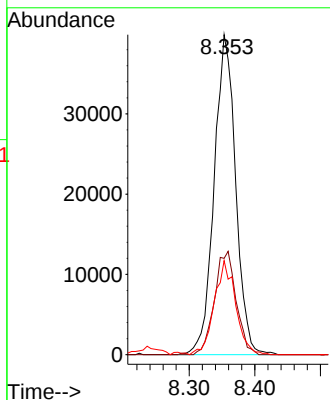
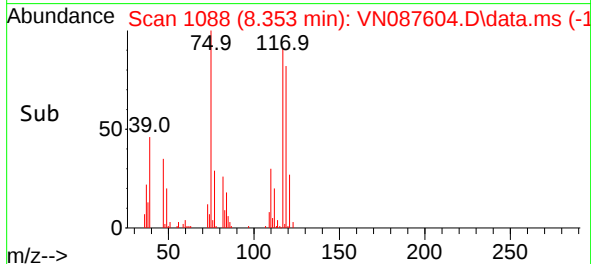
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



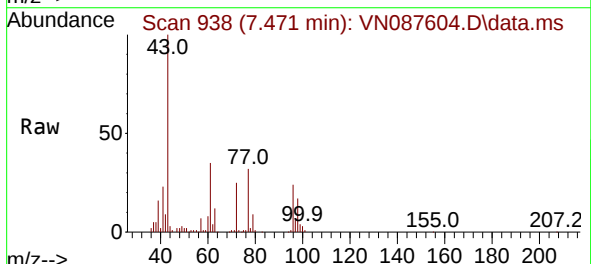
Tgt Ion: 75 Resp: 90764
Ion Ratio Lower Upper
75 100
110 32.5 0.0 65.8
77 29.2 0.0 63.6

Manual Integrations
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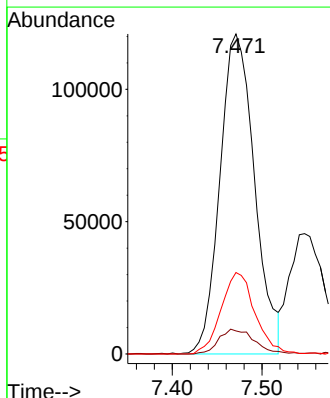
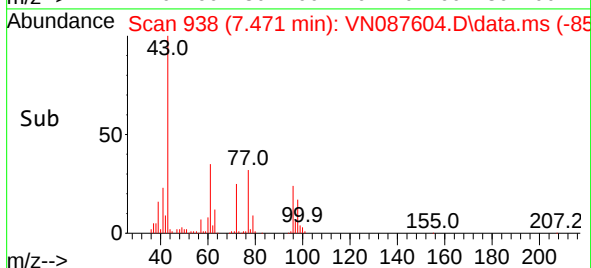
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

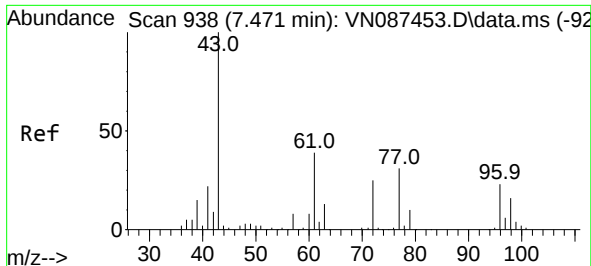


#30
2-Butanone
Concen: 88.650 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



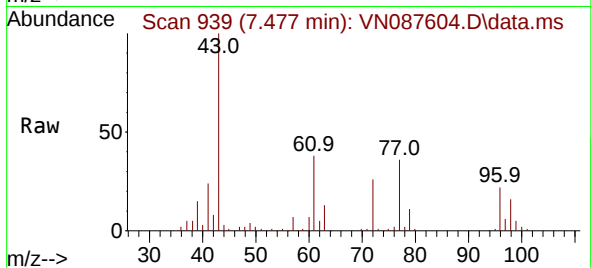
Tgt Ion: 43 Resp: 324917
Ion Ratio Lower Upper
43 100
57 5.0 6.6 9.8#
72 24.8 19.7 29.5





#31
2,2-Dichloropropane
Concen: 18.453 ug/l
RT: 7.477 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

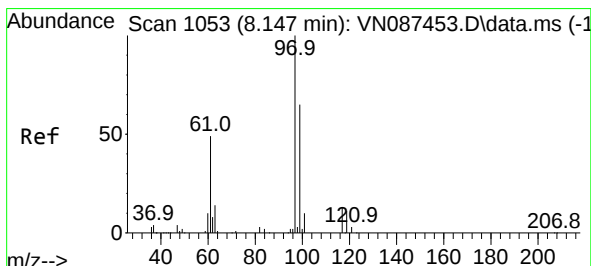
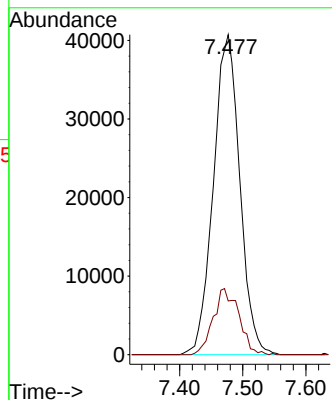
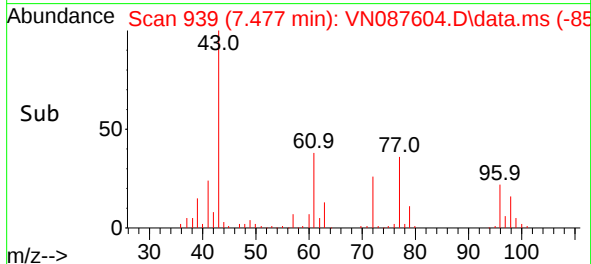
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



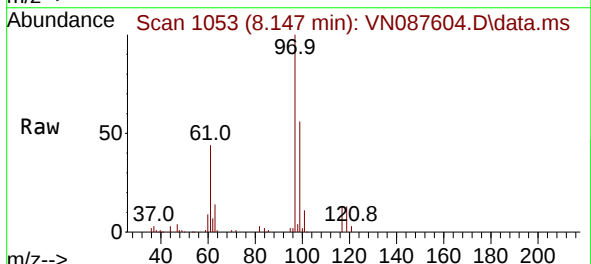
Tgt Ion: 77 Resp: 11834
Ion Ratio Lower Upper
77 100
97 12.1 16.7 25.1

Manual Integrations
APPROVED

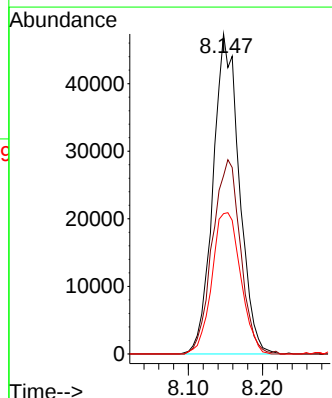
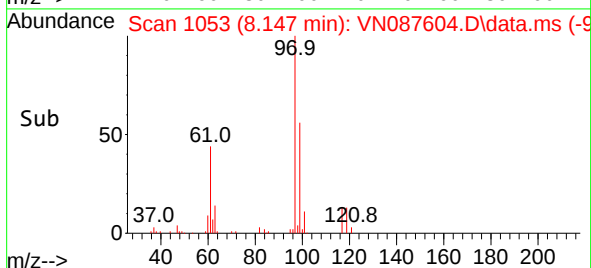
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

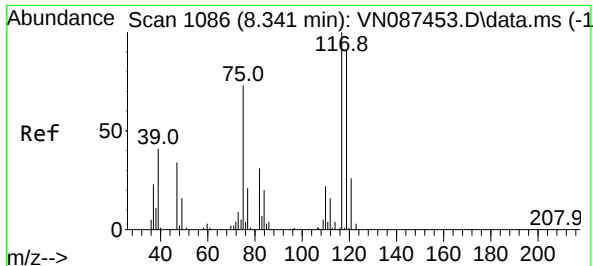


#32
1,1,1-Trichloroethane
Concen: 18.350 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



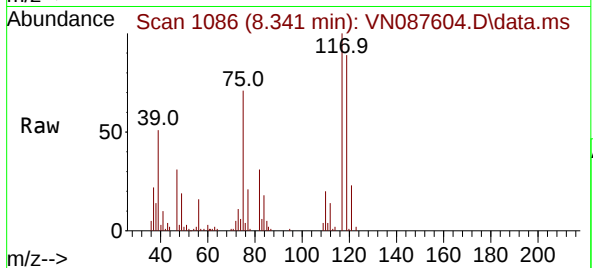
Tgt Ion: 97 Resp: 116368
Ion Ratio Lower Upper
97 100
99 64.7 53.0 79.6
61 48.4 40.6 61.0





#33
Carbon Tetrachloride
Concen: 18.254 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

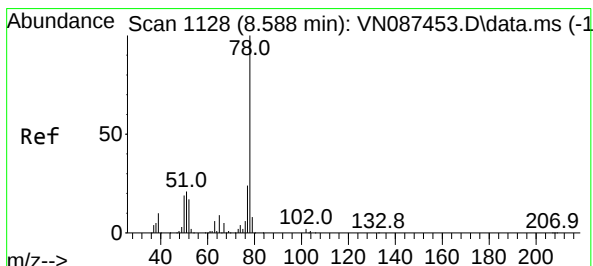
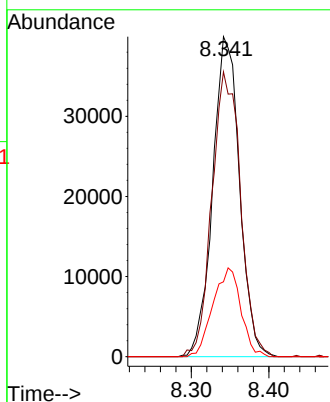
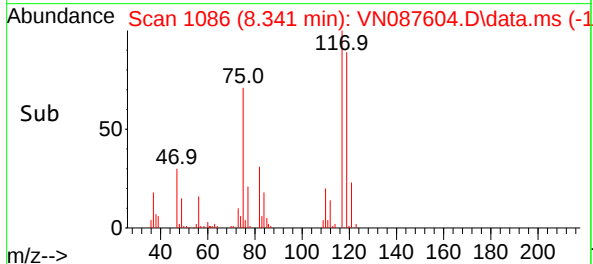
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 117 Resp: 9616
Ion Ratio Lower Upper
117 100
119 89.0 73.4 110.0
121 23.4 21.1 31.7

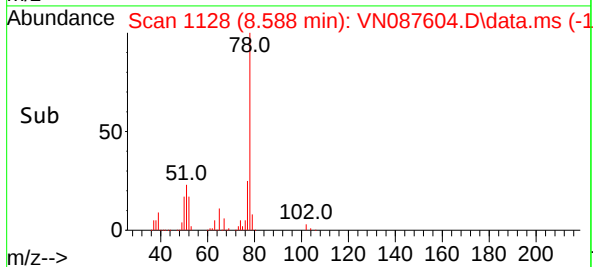
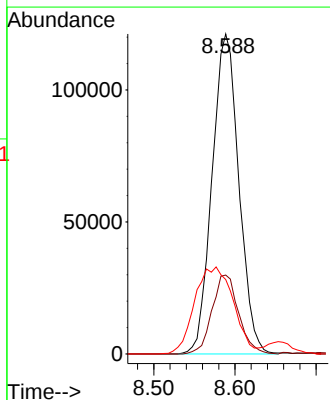
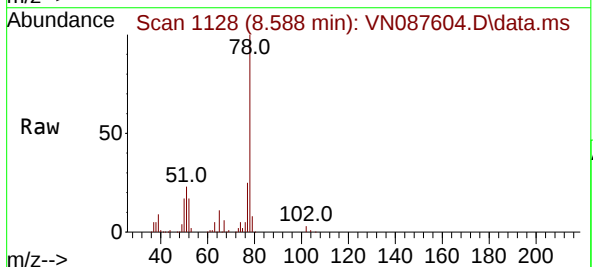
Manual Integrations
APPROVED

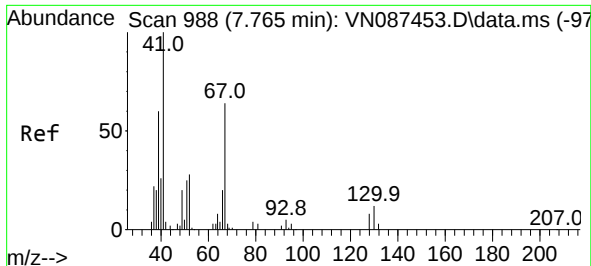
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#34
Benzene
Concen: 17.717 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

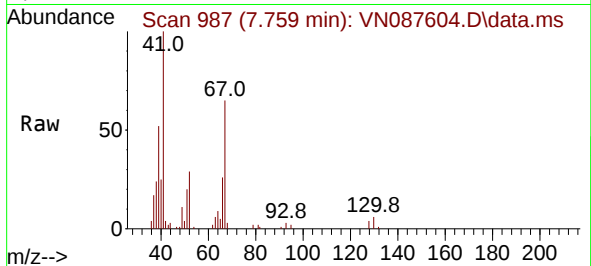
Tgt Ion: 78 Resp: 278083
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8
51 21.2 16.9 25.3





#35
Methacrylonitrile
Concen: 16.408 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

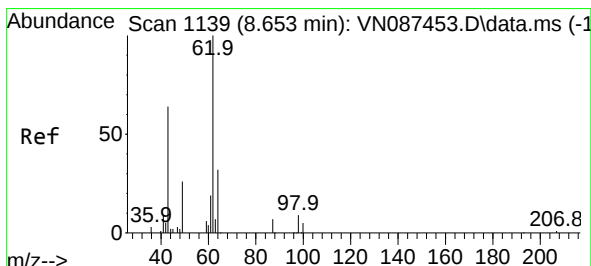
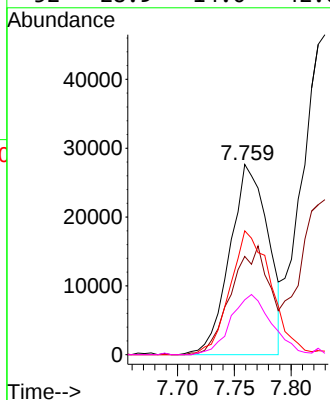
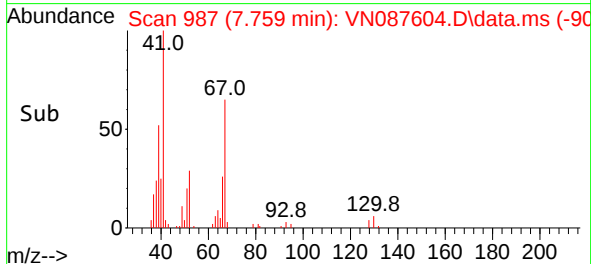
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



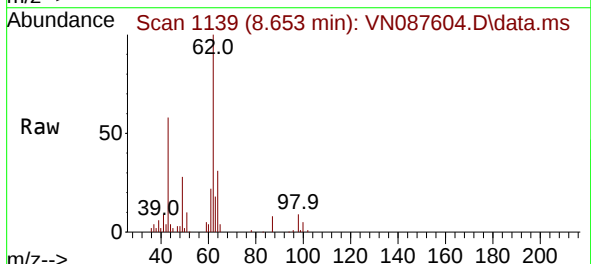
Tgt Ion: 41 Resp: 64890
Ion Ratio Lower Upper
41 100
39 51.6 30.1 90.5
67 65.1 32.0 96.2
52 28.9 14.0 42.0

Manual Integrations
APPROVED

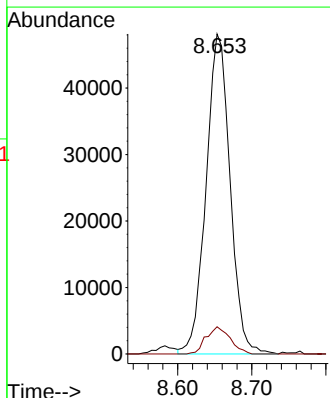
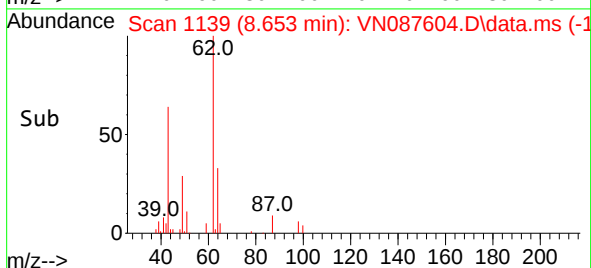
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#36
1,2-Dichloroethane
Concen: 17.085 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



Tgt Ion: 62 Resp: 108386
Ion Ratio Lower Upper
62 100
98 8.5 6.6 9.8





#37

Trichloroethene

Concen: 18.242 ug/l

RT: 9.336 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087604.D

Acq: 20 Aug 2025 09:32

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

Tgt Ion:130 Resp: 63070

Ion Ratio Lower Upper

130 100

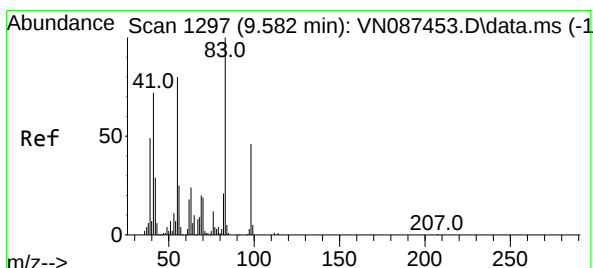
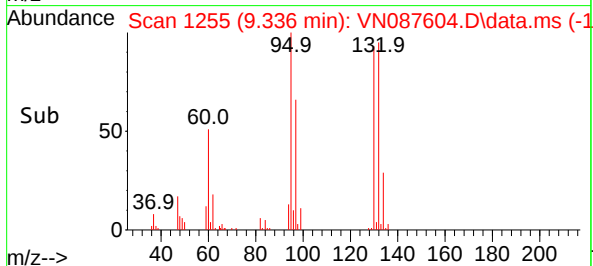
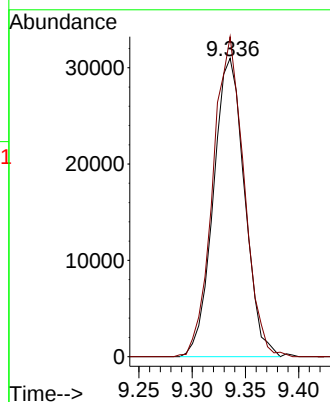
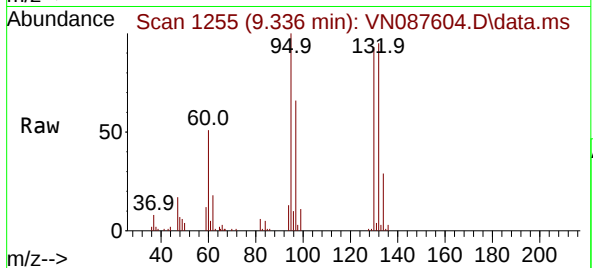
95 106.6 91.4 137.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#38

Methylcyclohexane

Concen: 18.906 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087604.D

Acq: 20 Aug 2025 09:32

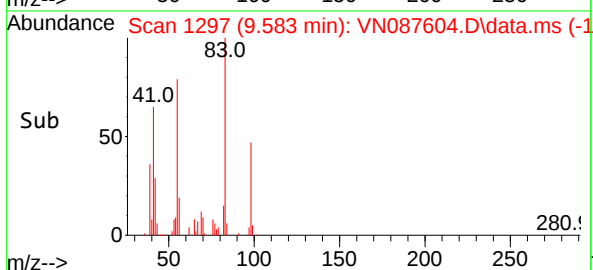
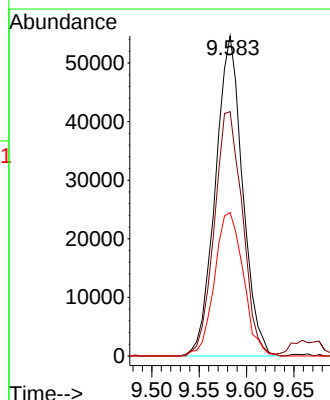
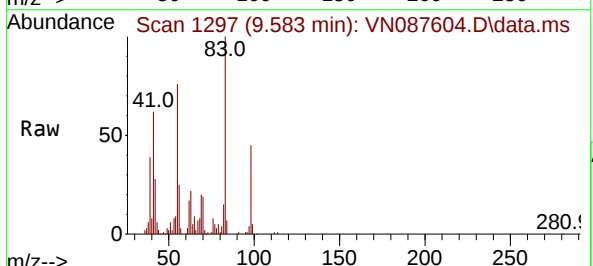
Tgt Ion: 83 Resp: 109060

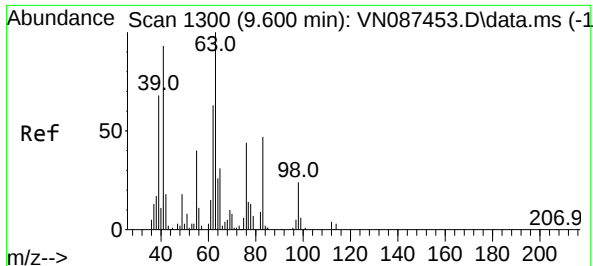
Ion Ratio Lower Upper

83 100

55 79.2 41.2 123.6

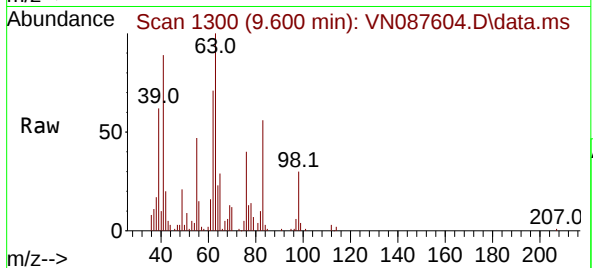
98 47.4 23.3 69.9





#39
1,2-Dichloropropane
Concen: 18.244 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

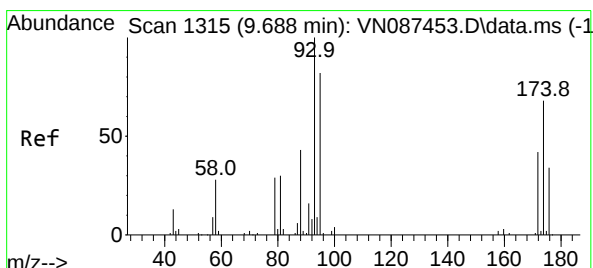
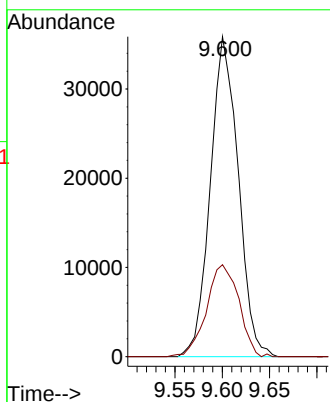
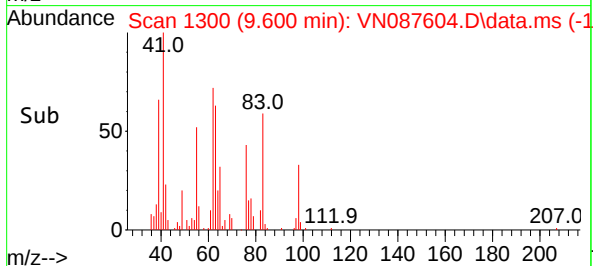
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



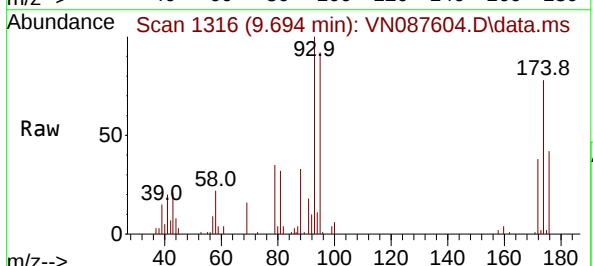
Tgt Ion: 63 Resp: 73420
Ion Ratio Lower Upper
63 100
65 28.7 24.6 36.8

Manual Integrations
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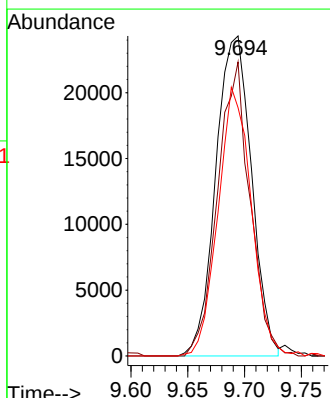
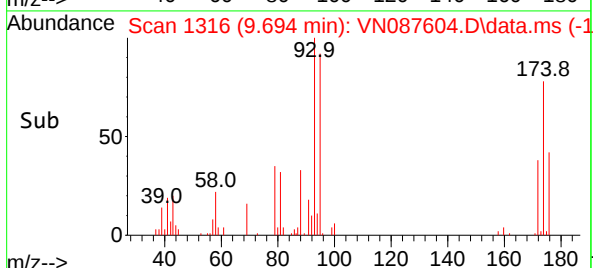
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

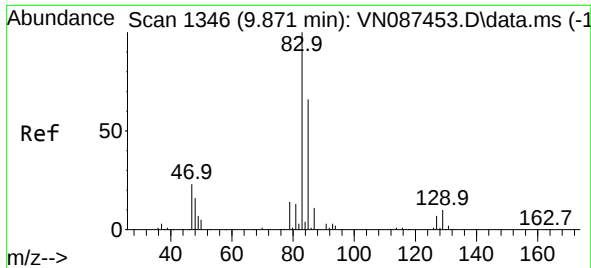


#40
Dibromomethane
Concen: 17.612 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



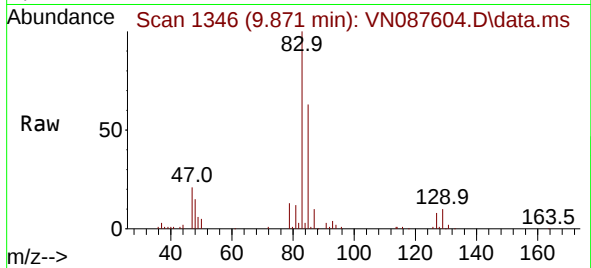
Tgt Ion: 93 Resp: 53177
Ion Ratio Lower Upper
93 100
95 83.2 0.0 161.6
174 78.2 0.0 151.4





#41
Bromodichloromethane
Concen: 17.219 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

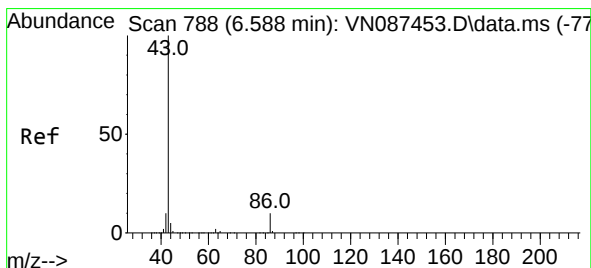
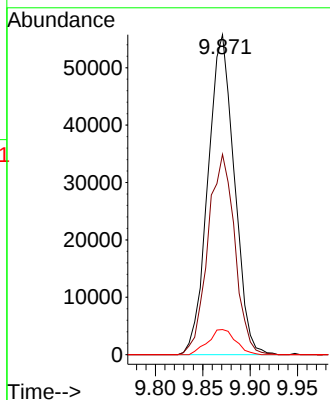
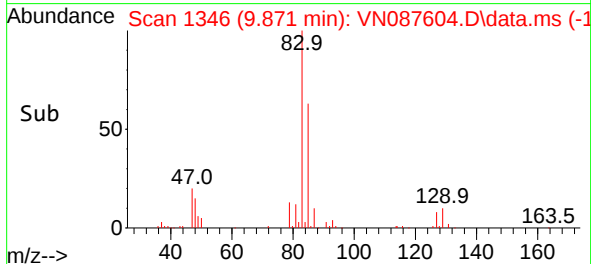
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 83 Resp: 108039
Ion Ratio Lower Upper
83 100
85 62.6 52.9 79.3
127 7.8 5.8 8.6

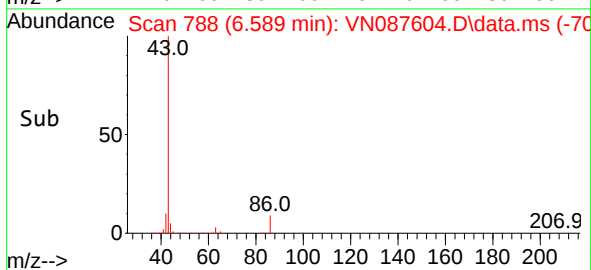
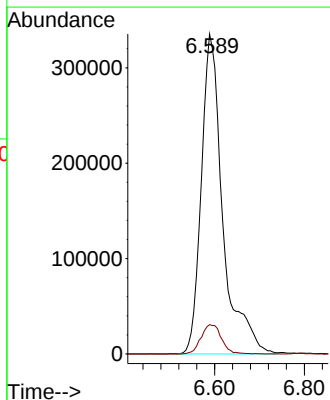
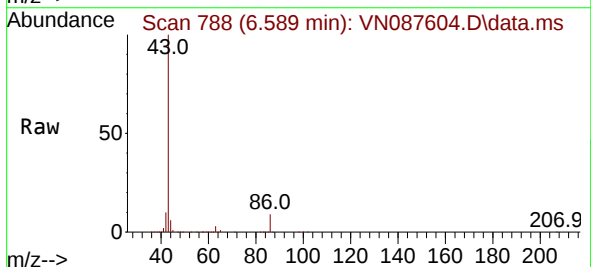
Manual Integrations
APPROVED

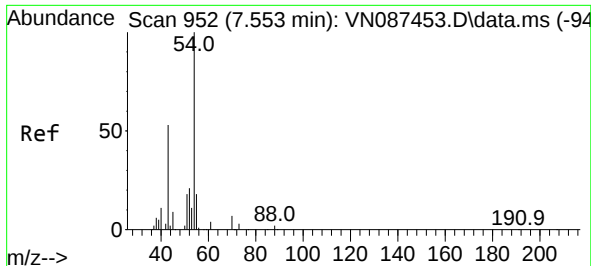
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#42
Vinyl Acetate
Concen: 92.437 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

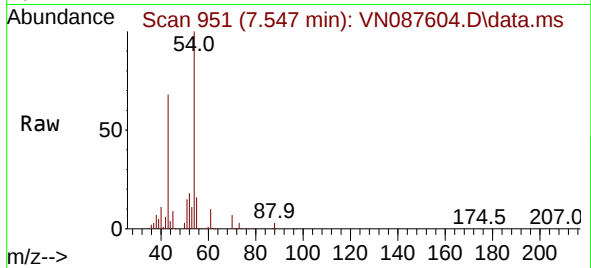
Tgt Ion: 43 Resp: 1115718
Ion Ratio Lower Upper
43 100
86 8.7 7.3 10.9





#43
Ethyl Acetate
Concen: 17.919 ug/l
RT: 7.547 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

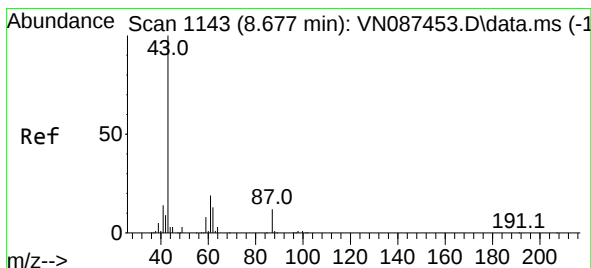
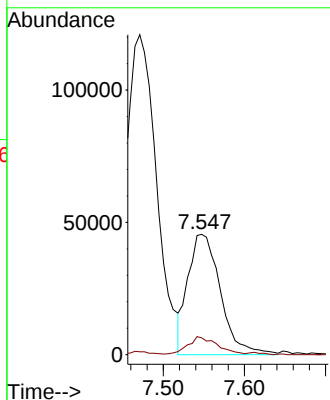
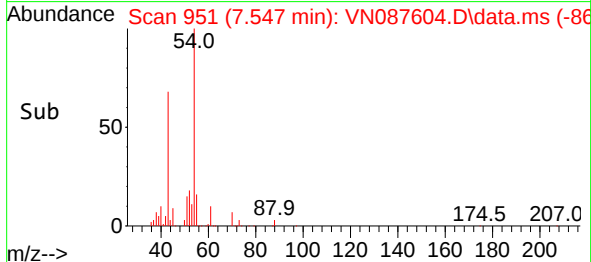
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 43 Resp: 126870
Ion Ratio Lower Upper
43 100
45 13.6 11.1 16.7

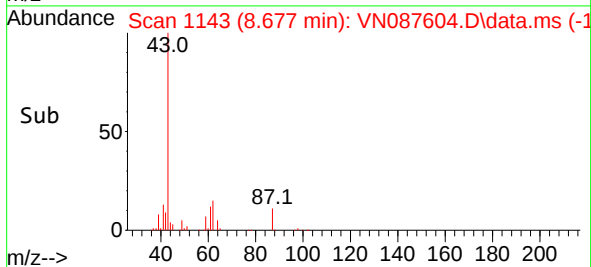
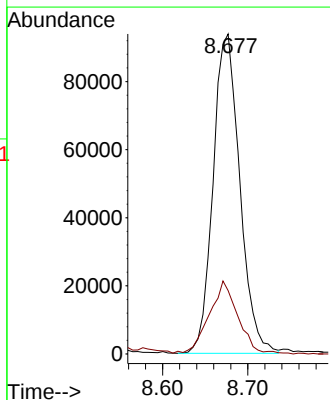
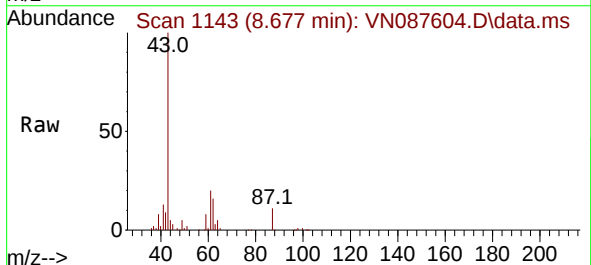
Manual Integrations
APPROVED

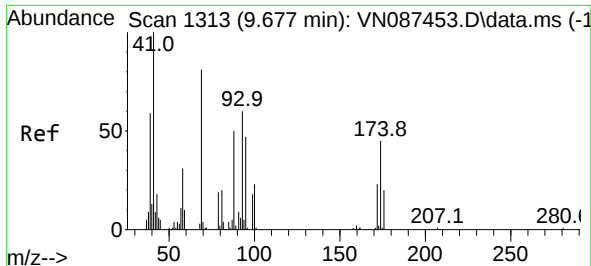
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#44
Isopropyl Acetate
Concen: 16.998 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

Tgt Ion: 43 Resp: 204017
Ion Ratio Lower Upper
43 100
61 24.3 18.6 28.0





#45

1,4-Dioxane

Concen: 372.171 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087604.D

Acq: 20 Aug 2025 09:32

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

Tgt Ion: 88 Resp: 2847

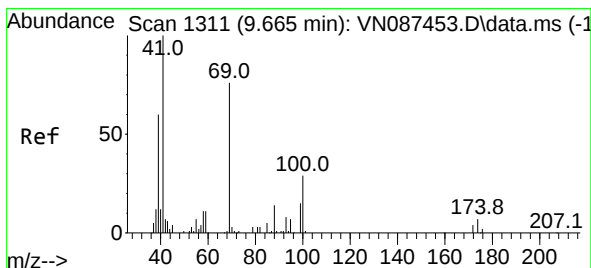
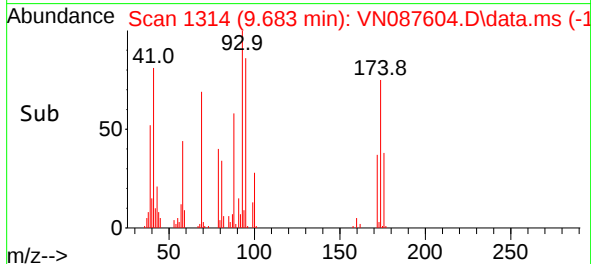
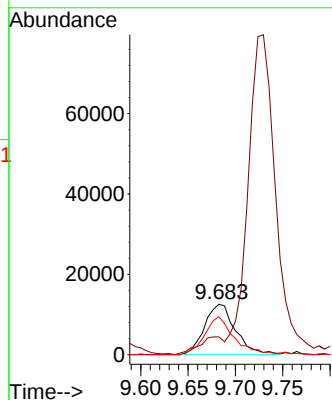
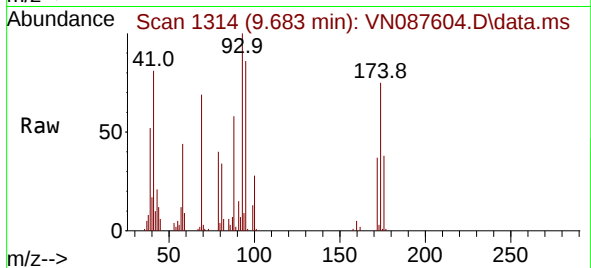
Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.1	36.1
58	71.0	57.2	85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#46

Methyl methacrylate

Concen: 15.951 ug/l

RT: 9.665 min Scan# 1311

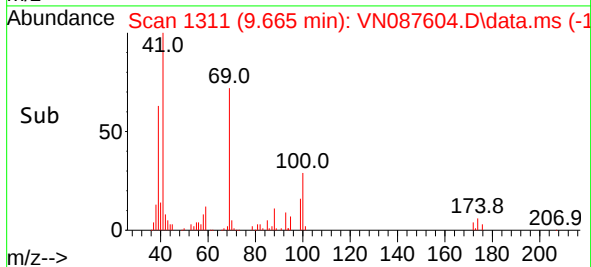
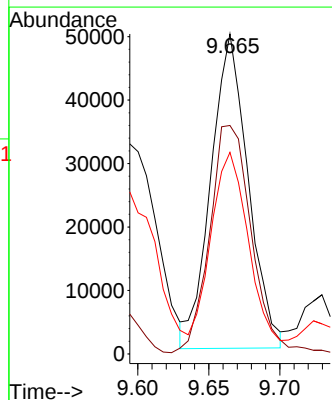
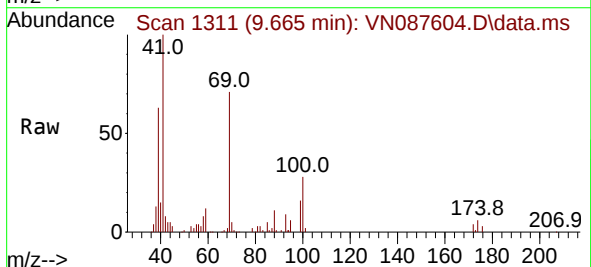
Delta R.T. 0.000 min

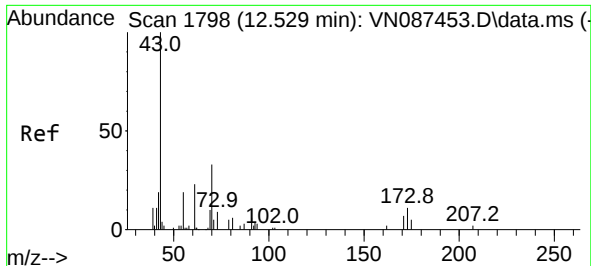
Lab File: VN087604.D

Acq: 20 Aug 2025 09:32

Tgt Ion: 41 Resp: 90371

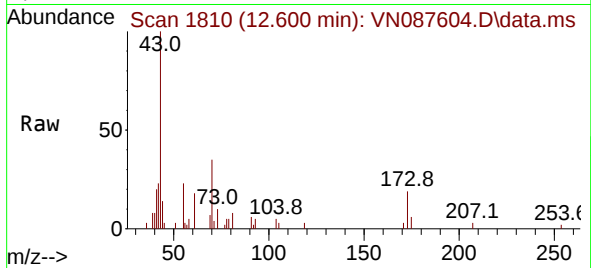
Ion	Ratio	Lower	Upper
41	100		
69	74.8	37.1	111.5
39	63.2	30.7	92.1





#47
n-amy1 Acetate
Concen: 18.685 ug/l m
RT: 12.600 min Scan# 11
Delta R.T. 0.071 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

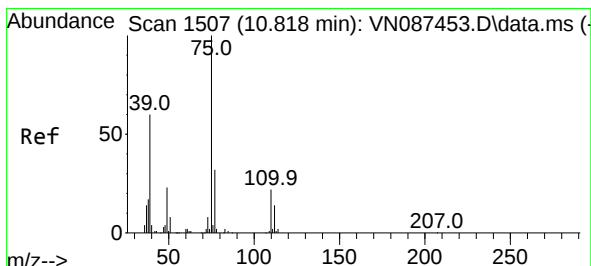
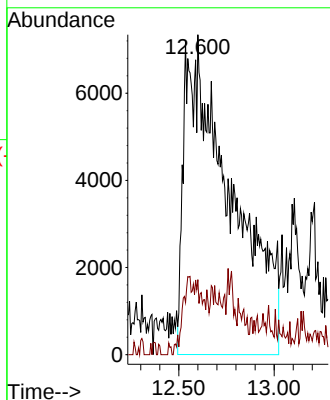
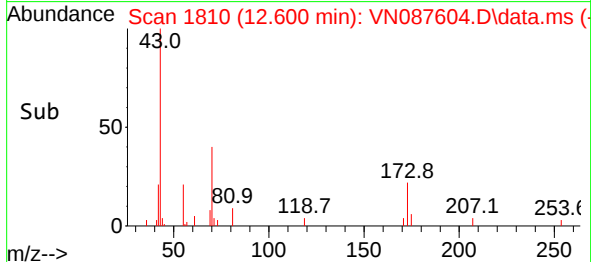
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 43 Resp: 12388
Ion Ratio Lower Upper
43 100
55 1.6 4.6 6.8

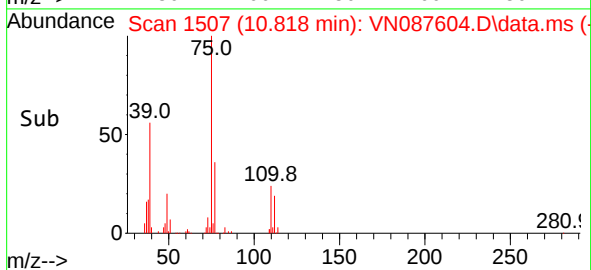
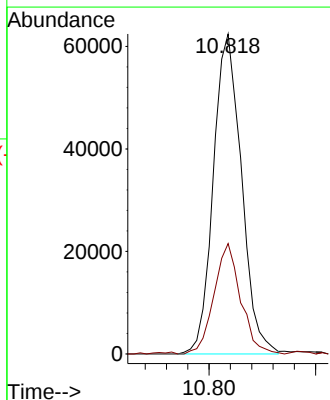
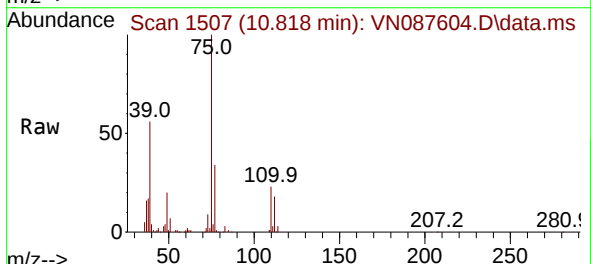
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#48
t-1,3-Dichloropropene
Concen: 16.744 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

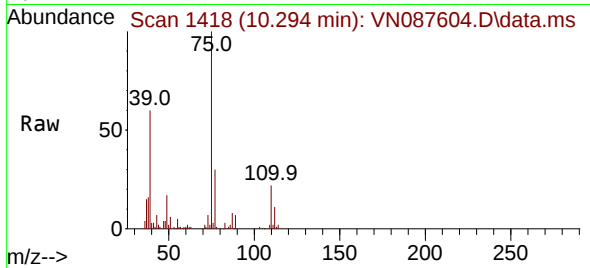
Tgt Ion: 75 Resp: 114292
Ion Ratio Lower Upper
75 100
77 34.5 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 17.675 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087604.D
 Acq: 20 Aug 2025 09:32

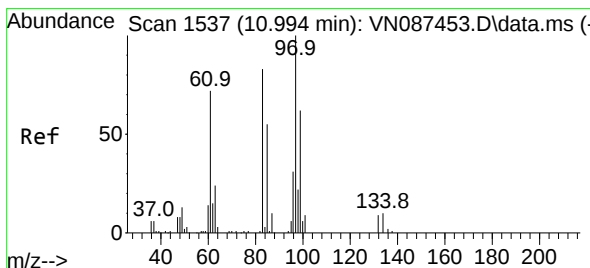
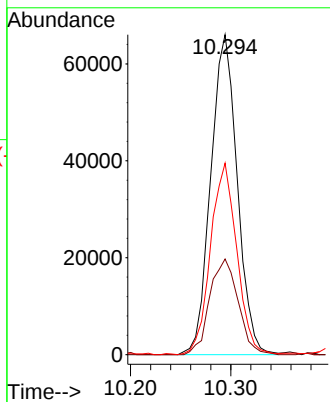
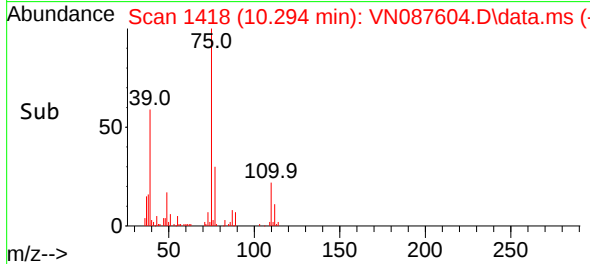
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01



Tgt Ion: 75 Resp: 121420
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.6 36.8
 39 59.8 51.5 77.3

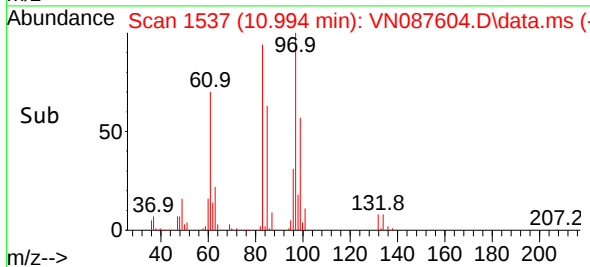
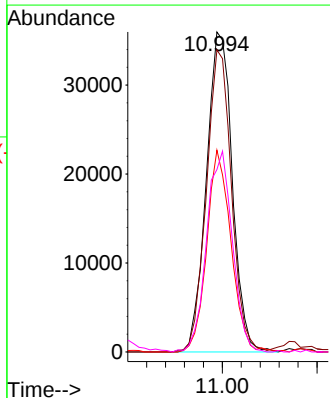
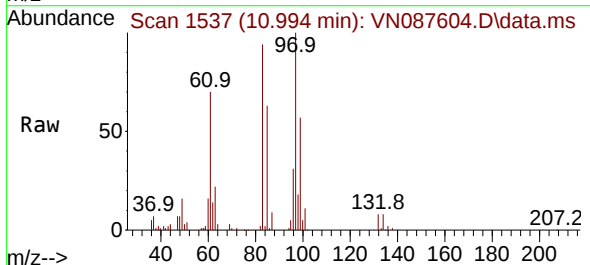
Manual Integrations
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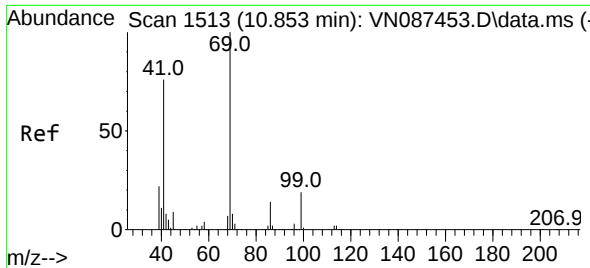
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/22/2025



#50
 1,1,2-Trichloroethane
 Concen: 17.938 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087604.D
 Acq: 20 Aug 2025 09:32

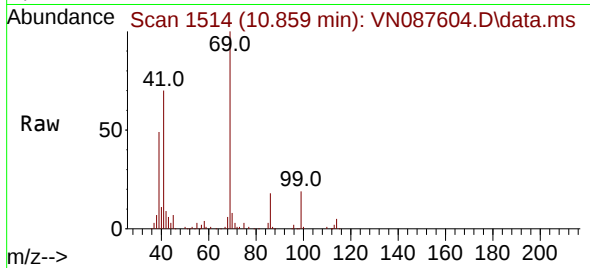
Tgt Ion: 97 Resp: 68431
 Ion Ratio Lower Upper
 97 100
 83 93.9 66.2 99.2
 85 63.0 43.9 65.9
 99 56.6 50.0 75.0





#51
Ethyl methacrylate
Concen: 16.504 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

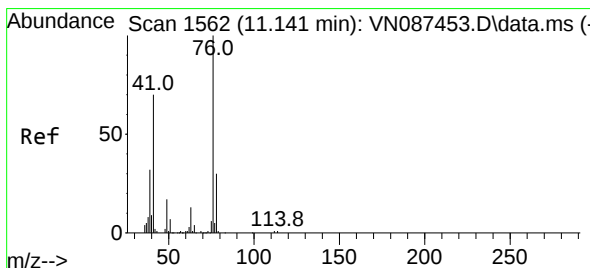
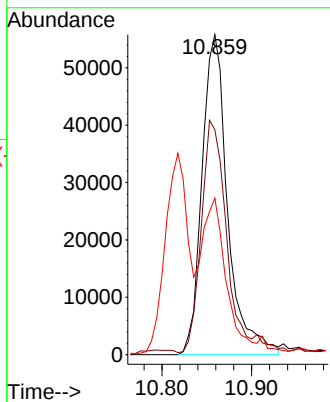
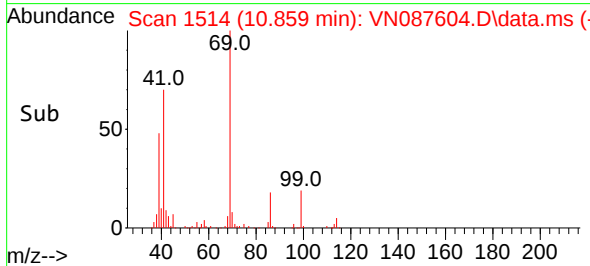
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 69 Resp: 11088
Ion Ratio Lower Upper
69 100
41 69.6 38.0 114.1
39 47.4 23.2 69.5

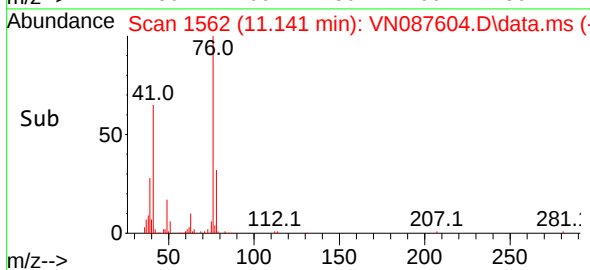
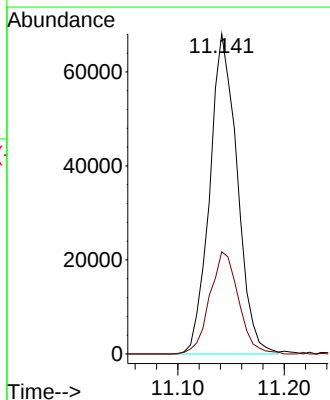
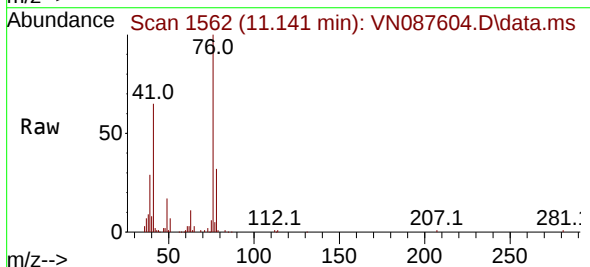
Manual Integrations
APPROVED

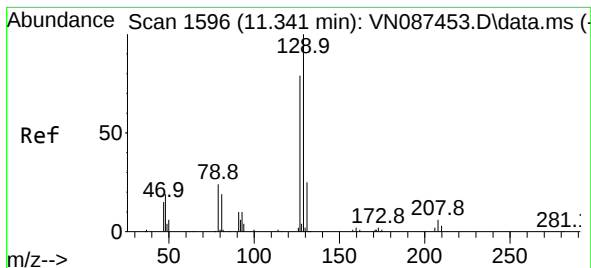
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#52
1,3-Dichloropropane
Concen: 17.782 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

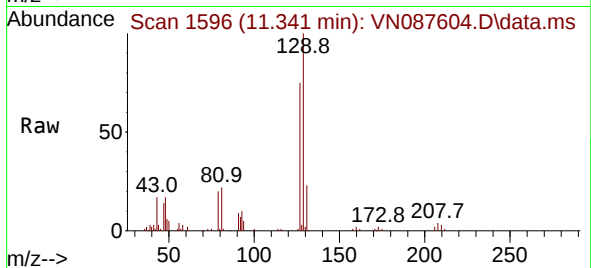
Tgt Ion: 76 Resp: 122215
Ion Ratio Lower Upper
76 100
78 33.4 0.0 63.0





#53
Dibromochloromethane
Concen: 17.894 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

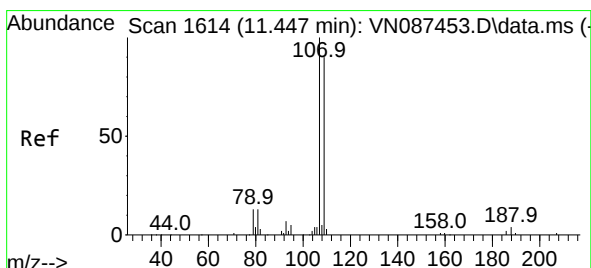
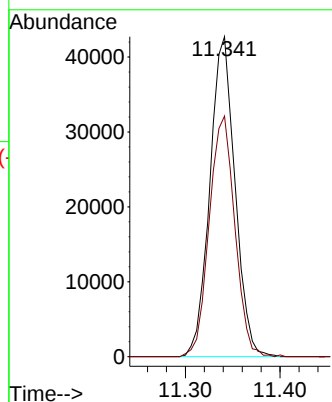
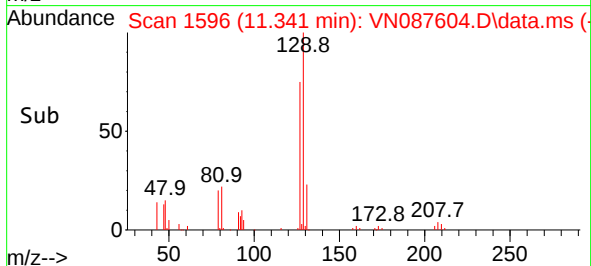
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



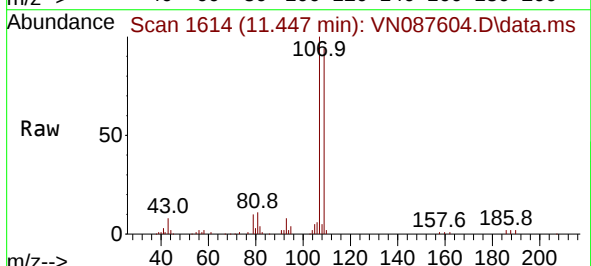
Tgt Ion:129 Resp: 7883
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3

Manual Integrations
APPROVED

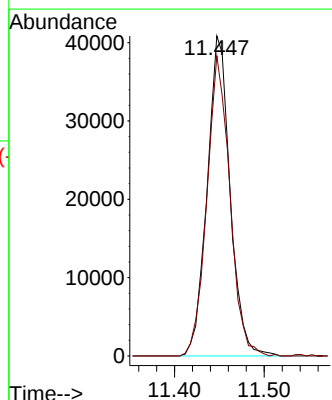
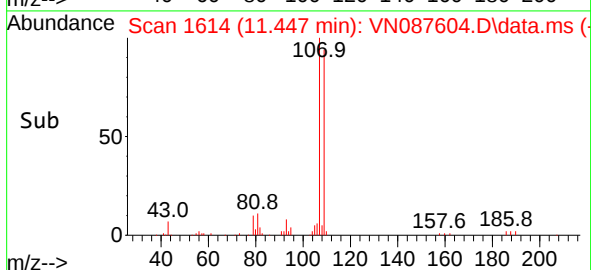
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

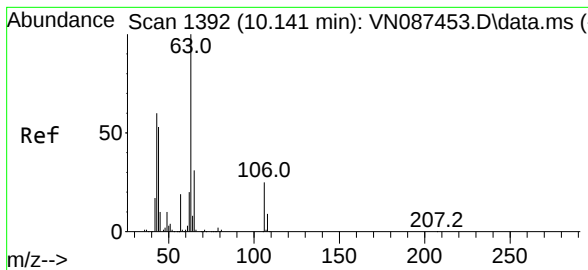


#54
1,2-Dibromoethane
Concen: 17.938 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



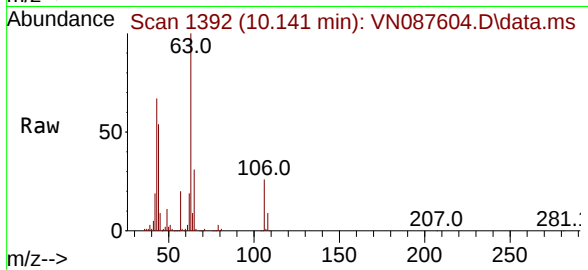
Tgt Ion:107 Resp: 72647
Ion Ratio Lower Upper
107 100
109 93.7 74.2 111.4





#55
2-Chloroethyl vinyl ether
Concen: 92.327 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

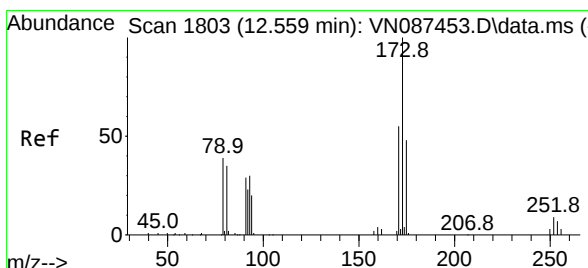
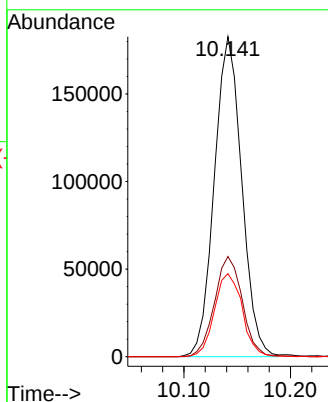
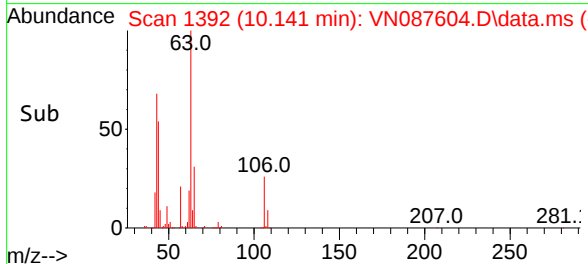
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 63 Resp: 32655
Ion Ratio Lower Upper
63 100
65 31.8 25.7 38.5
106 26.3 20.7 31.1

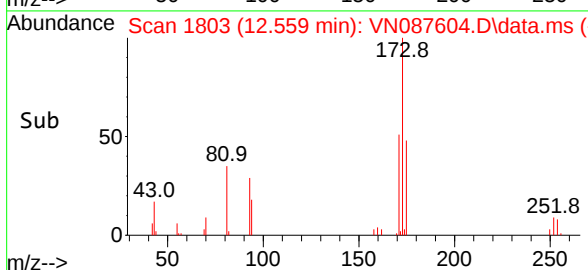
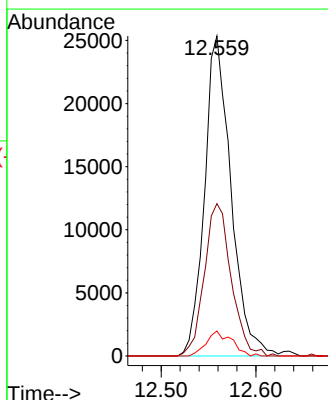
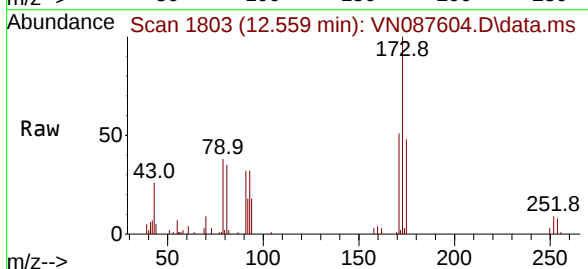
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#56
Bromoform
Concen: 16.892 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

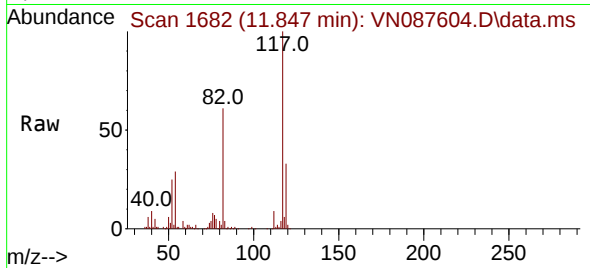
Tgt Ion:173 Resp: 49224
Ion Ratio Lower Upper
173 100
175 47.8 38.8 58.2
254 4.8 3.9 5.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

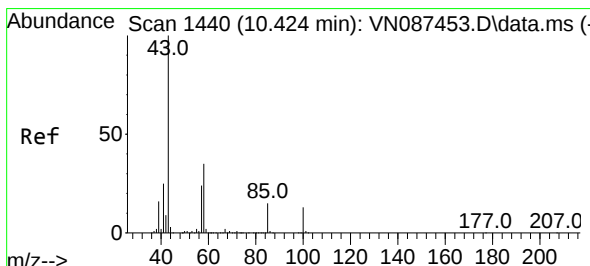
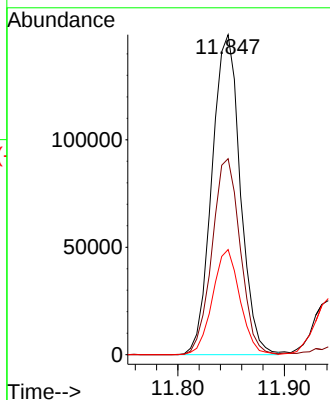
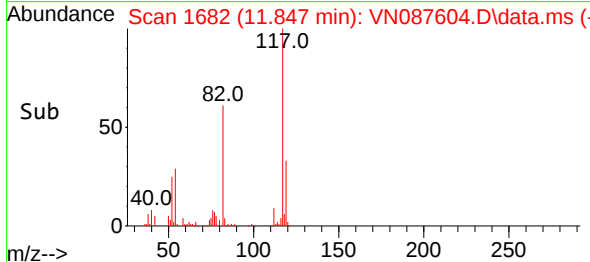
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



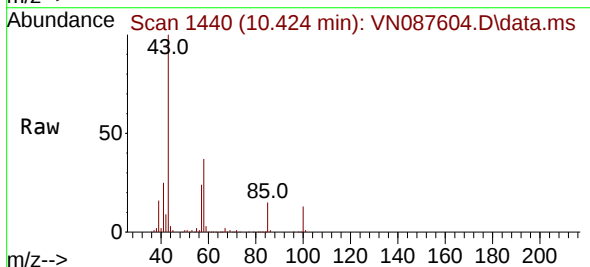
Tgt Ion: 117 Resp: 27515
Ion Ratio Lower Upper
117 100
82 61.1 49.2 73.8
119 31.8 25.7 38.5

Manual Integrations
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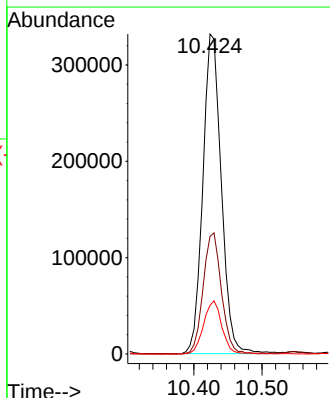
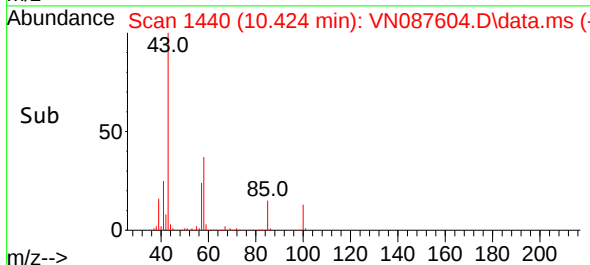
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

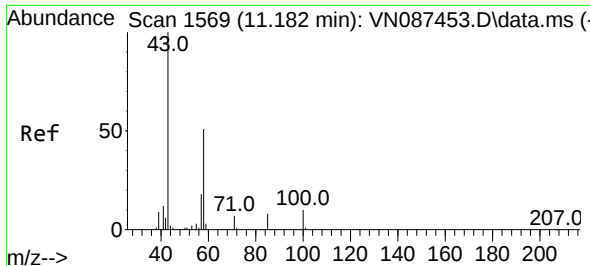


#58
4-Methyl-2-Pentanone
Concen: 88.474 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



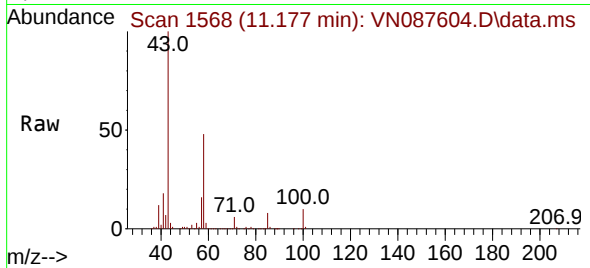
Tgt Ion: 43 Resp: 626231
Ion Ratio Lower Upper
43 100
58 37.5 29.0 43.6
85 16.2 12.7 19.1





#59
2-Hexanone
Concen: 84.383 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

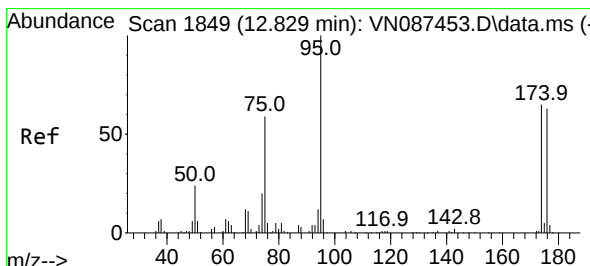
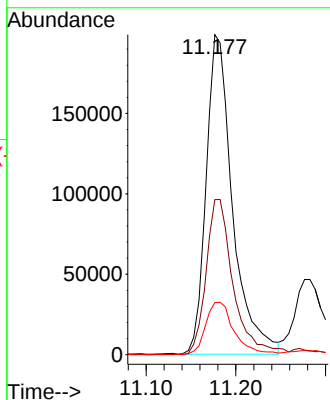
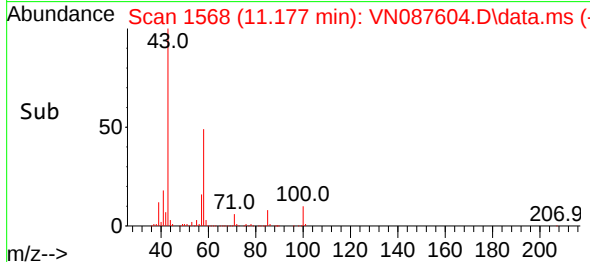
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 43 Resp: 40582
Ion Ratio Lower Upper
43 100
58 49.4 41.0 61.6
57 17.7 14.6 21.8

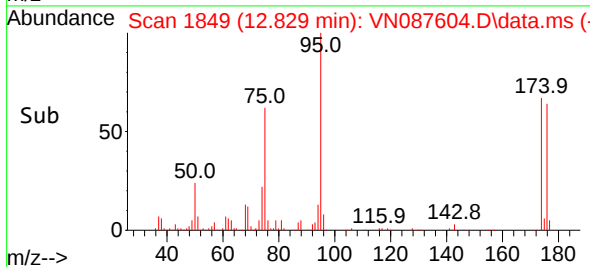
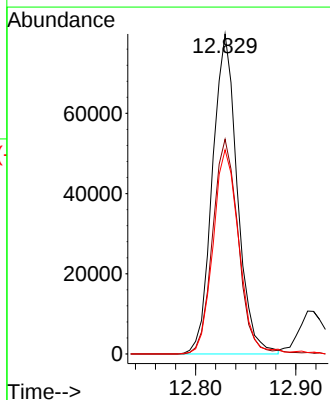
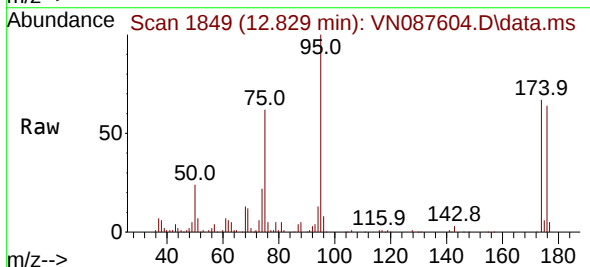
Manual Integrations
APPROVED

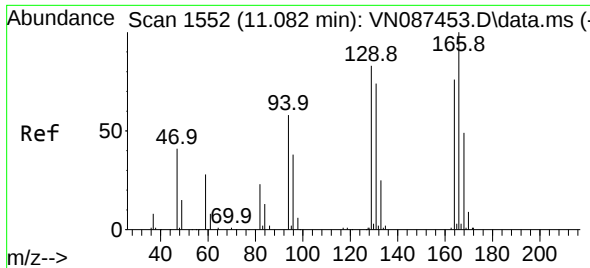
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#60
4-Bromofluorobenzene
Concen: 29.044 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

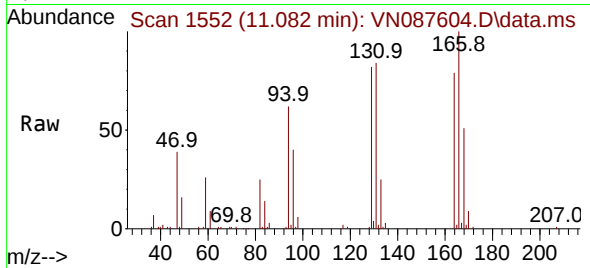
Tgt Ion: 95 Resp: 137527
Ion Ratio Lower Upper
95 100
174 69.0 52.3 78.5
176 65.9 49.8 74.8





#61
Tetrachloroethene
Concen: 18.634 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

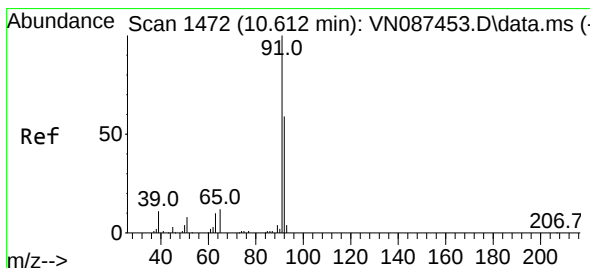
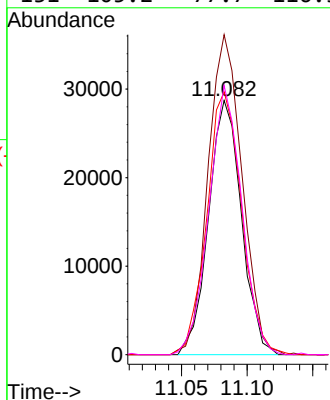
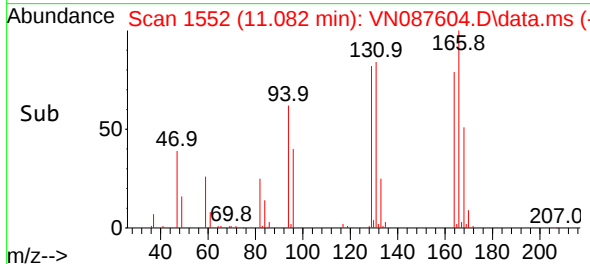
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



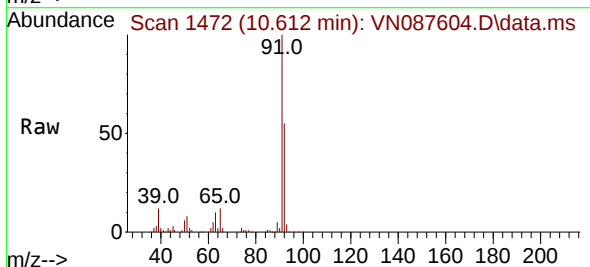
Tgt Ion:164 Resp: 49952
Ion Ratio Lower Upper
164 100
166 124.3 105.4 158.0
129 101.8 87.7 131.5
131 105.2 77.7 116.5

Manual Integrations
APPROVED

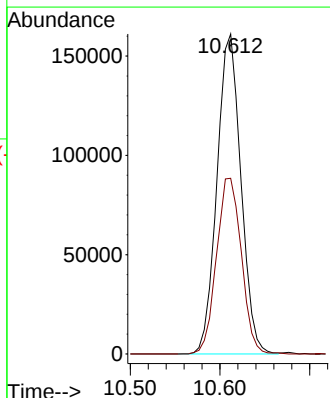
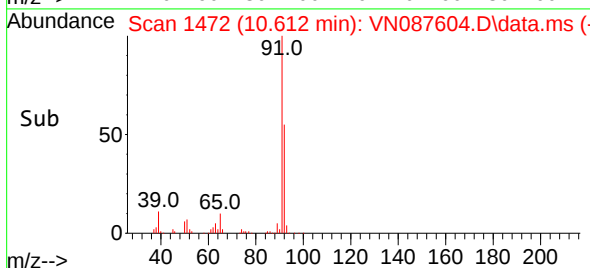
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

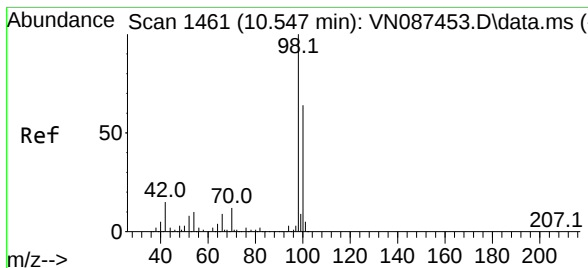


#62
Toluene
Concen: 17.575 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



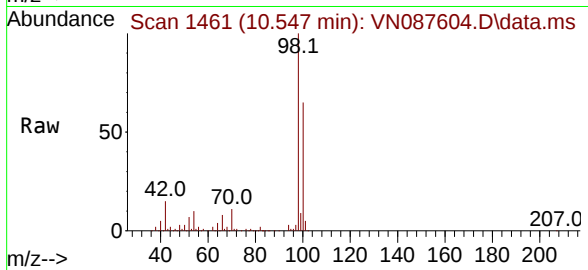
Tgt Ion: 91 Resp: 298471
Ion Ratio Lower Upper
91 100
92 56.9 45.8 68.6





#63
Toluene-d8
Concen: 30.061 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

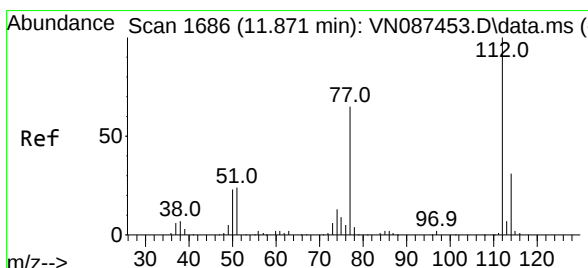
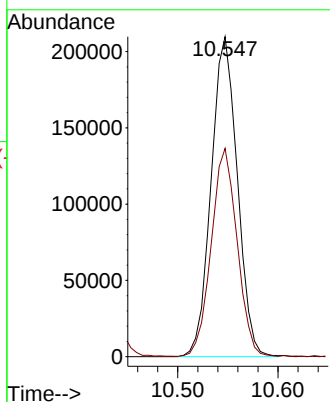
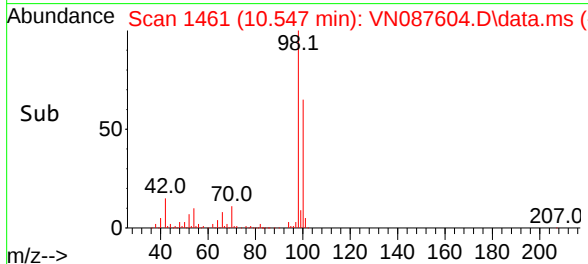
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 98 Resp: 38058
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

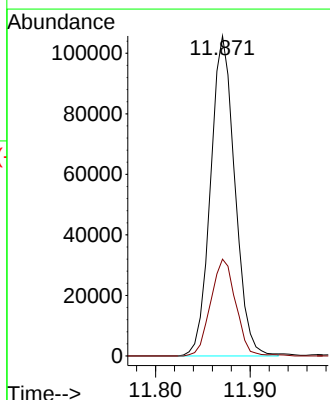
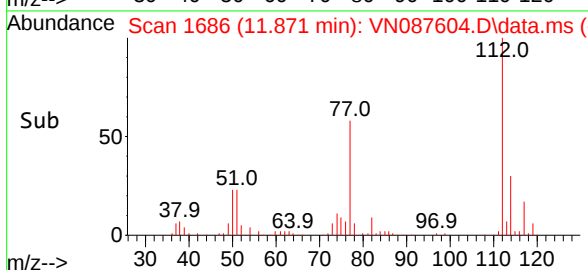
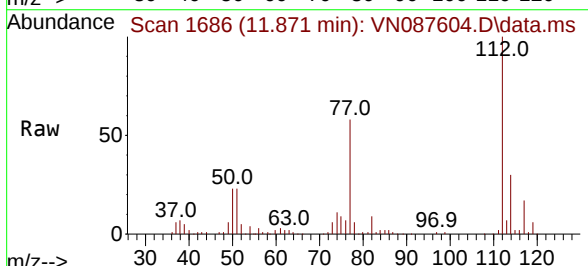
Manual Integrations
APPROVED

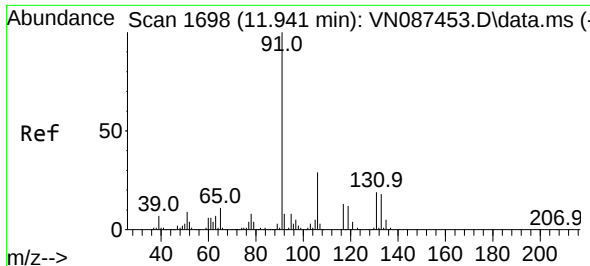
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#64
Chlorobenzene
Concen: 18.108 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

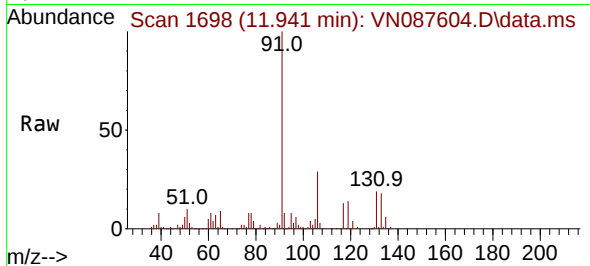
Tgt Ion:112 Resp: 188955
Ion Ratio Lower Upper
112 100
114 30.2 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 17.689 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

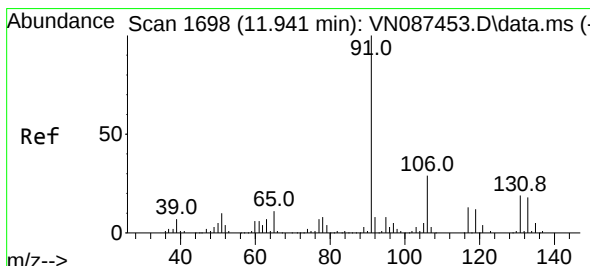
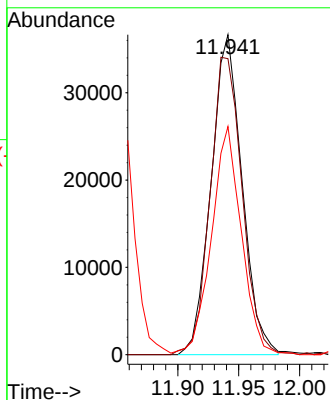
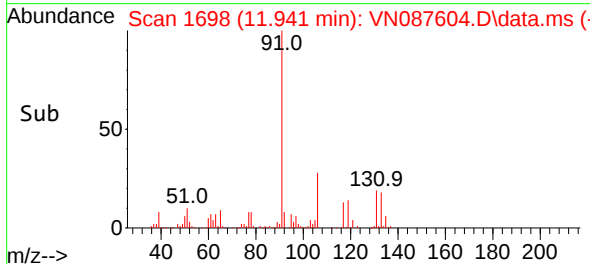
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion:131 Resp: 64898
Ion Ratio Lower Upper
131 100
133 96.3 0.0 189.8
119 68.7 0.0 133.2

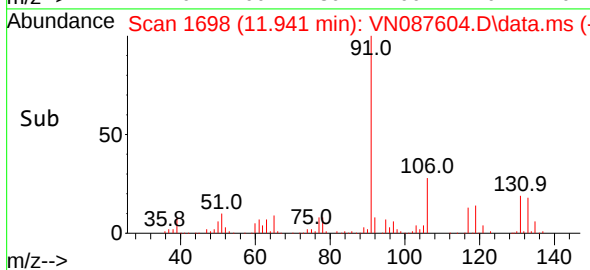
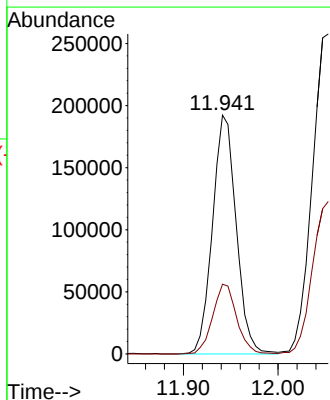
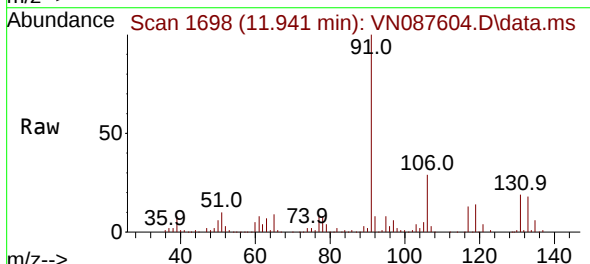
Manual Integrations
APPROVED

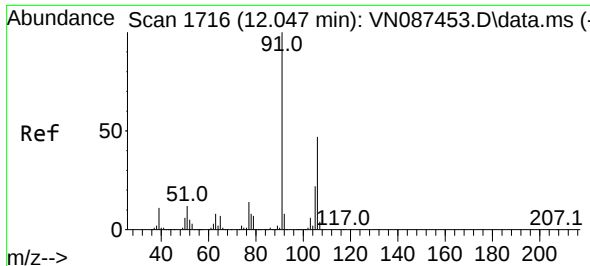
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#66
Ethyl Benzene
Concen: 17.706 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

Tgt Ion: 91 Resp: 335148
Ion Ratio Lower Upper
91 100
106 29.2 22.9 34.3





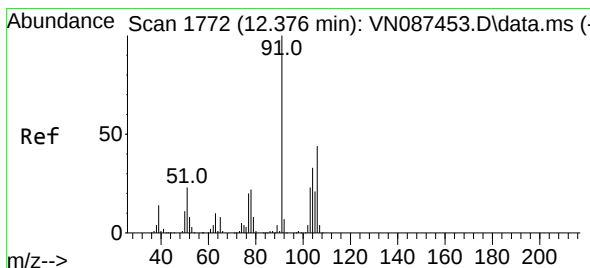
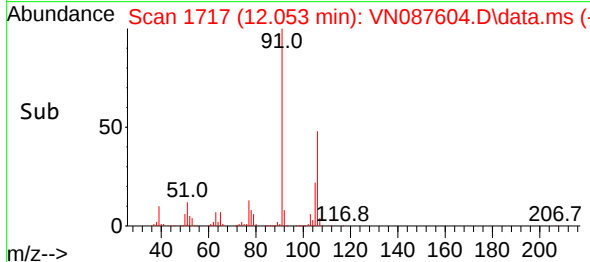
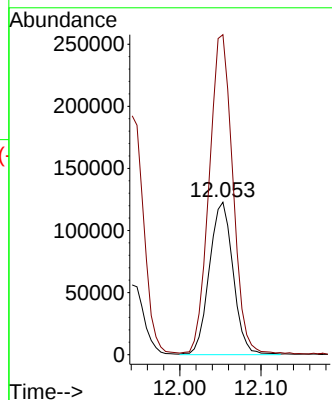
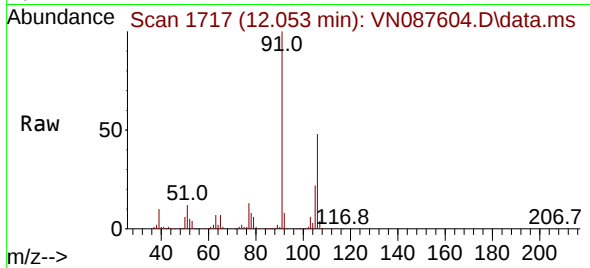
#67
m/p-Xylenes
Concen: 35.985 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tgt Ion:106 Resp: 250018
Ion Ratio Lower Upper
106 100
91 209.6 174.2 261.2

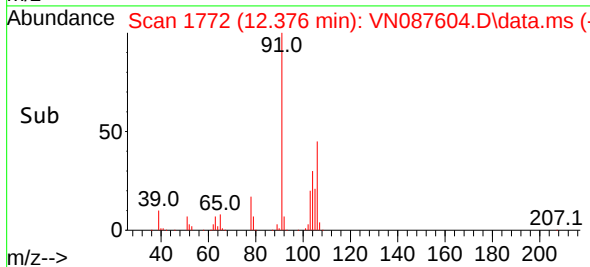
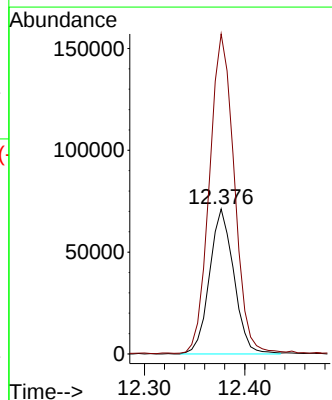
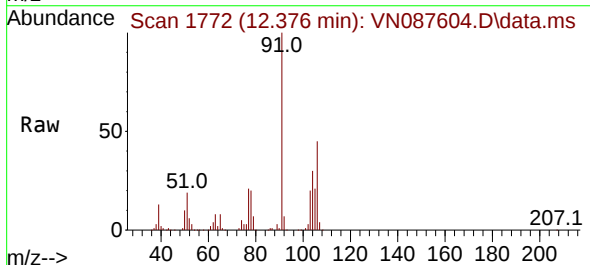
Manual Integrations
APPROVED

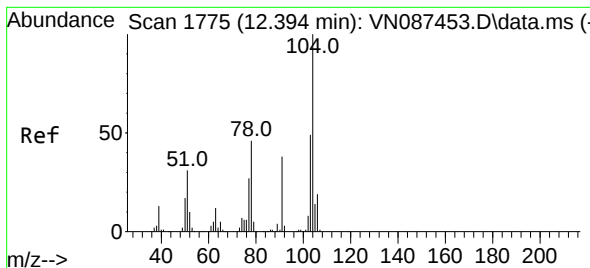
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#68
o-Xylene
Concen: 17.592 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

Tgt Ion:106 Resp: 120246
Ion Ratio Lower Upper
106 100
91 225.0 114.5 343.5





#69

Styrene

Concen: 17.212 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN087604.D

Acq: 20 Aug 2025 09:32

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

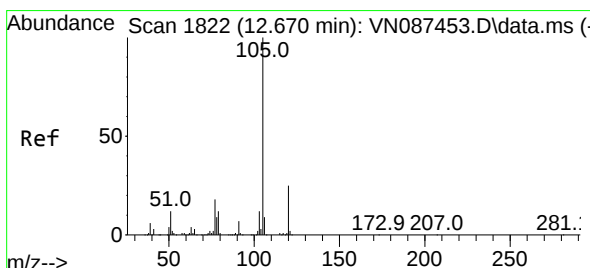
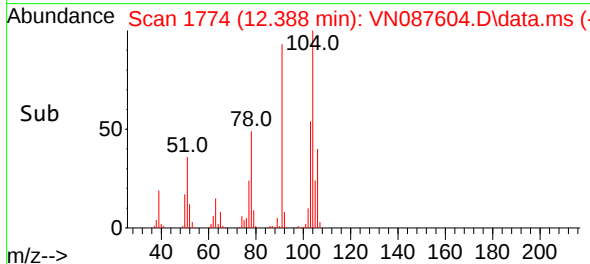
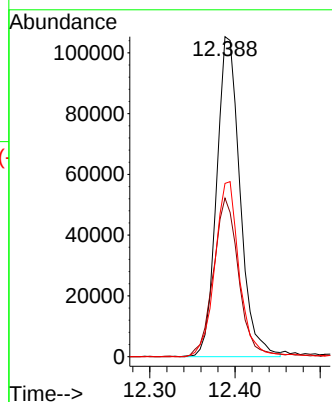
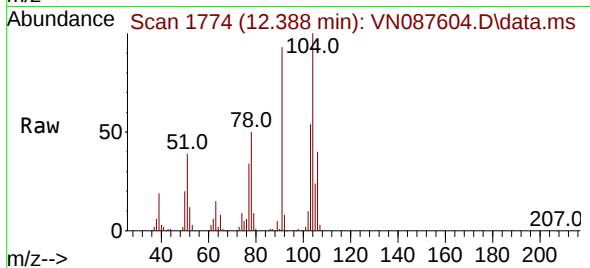
Tgt Ion:104 Resp: 200884
 Ion Ratio Lower Upper
 104 100
 78 53.4 43.8 65.8
 103 57.0 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#70

Isopropylbenzene

Concen: 18.305 ug/l

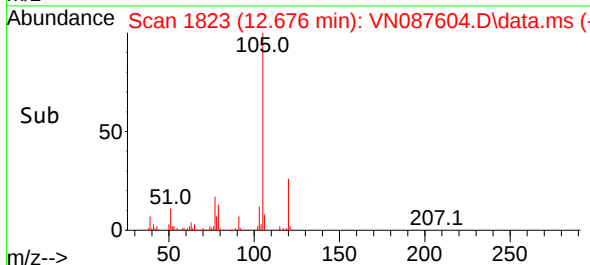
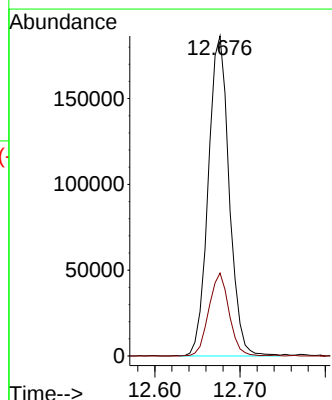
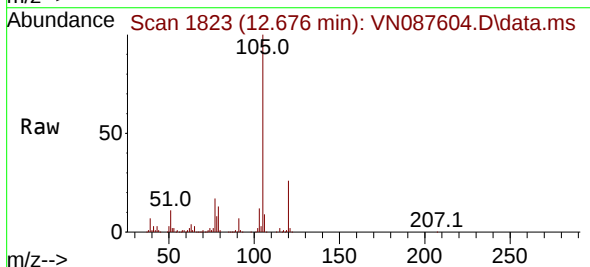
RT: 12.676 min Scan# 1823

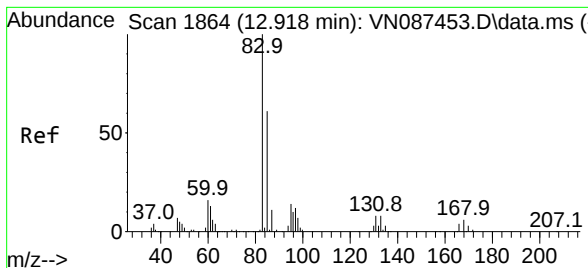
Delta R.T. 0.006 min

Lab File: VN087604.D

Acq: 20 Aug 2025 09:32

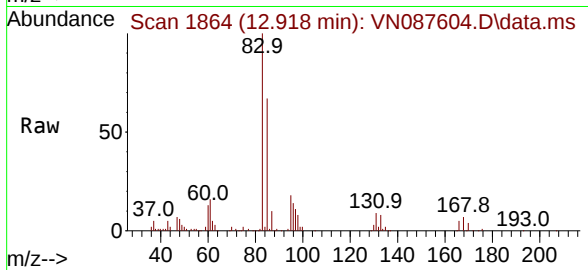
Tgt Ion:105 Resp: 317874
 Ion Ratio Lower Upper
 105 100
 120 25.0 17.5 32.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.152 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

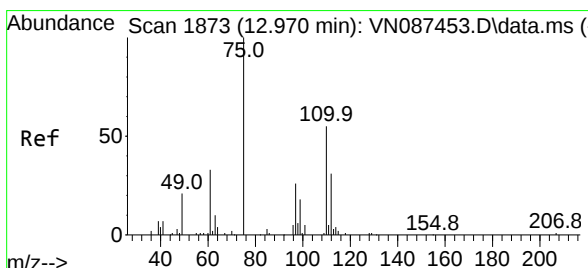
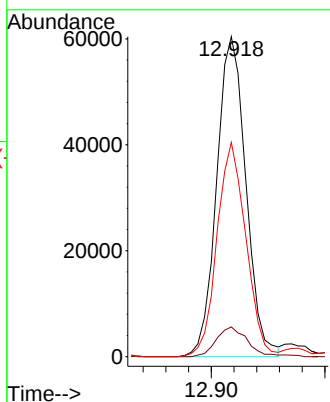
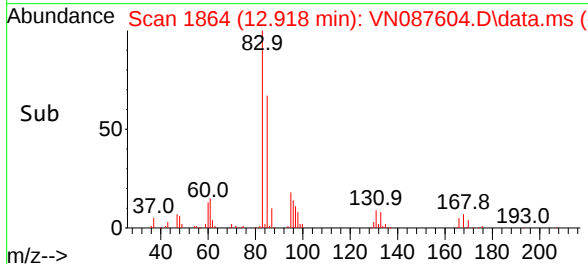
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 83 Resp: 108000
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 66.0 31.7 95.1

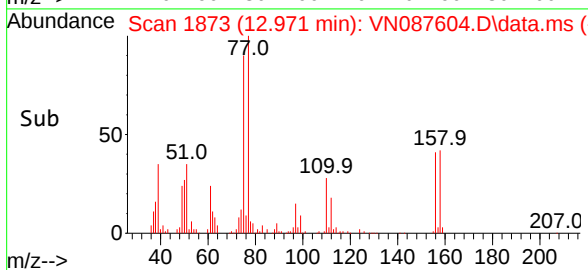
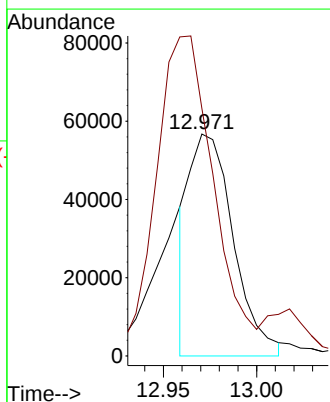
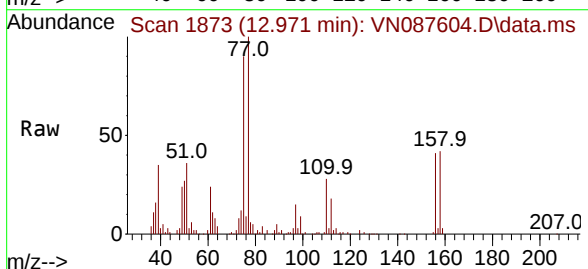
Manual Integrations
APPROVED

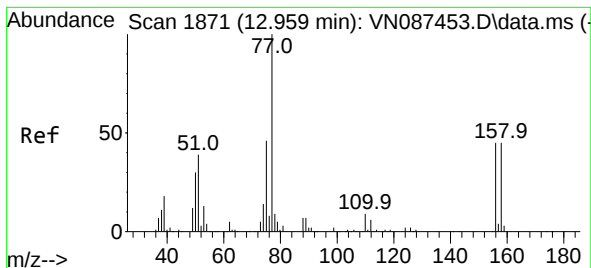
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#72
1,2,3-Trichloropropane
Concen: 16.815 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

Tgt Ion: 75 Resp: 93207
Ion Ratio Lower Upper
75 100
77 186.9 0.0 385.0





#73

Bromobenzene

Concen: 17.734 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087604.D

Acq: 20 Aug 2025 09:32

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

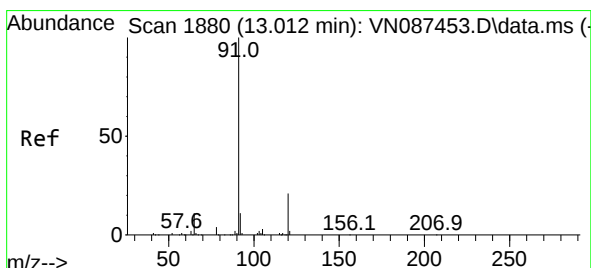
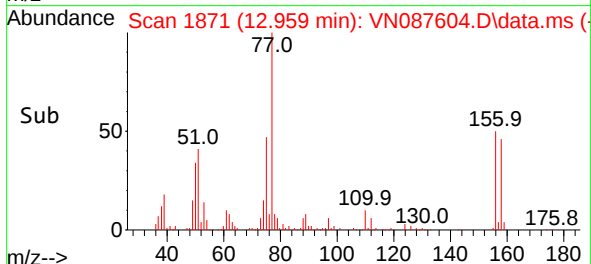
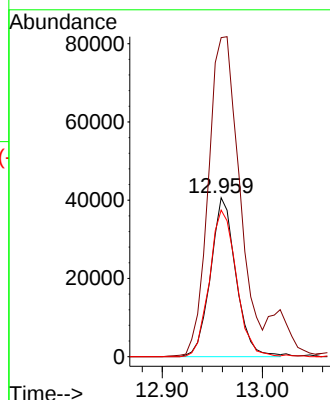
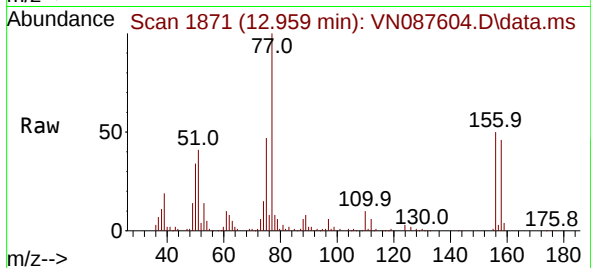
Tgt Ion:	156	Resp:	7139
Ion Ratio	Lower	Upper	
156	100		
77	244.0	0.0	506.6
158	97.4	0.0	193.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#74

n-propylbenzene

Concen: 18.146 ug/l

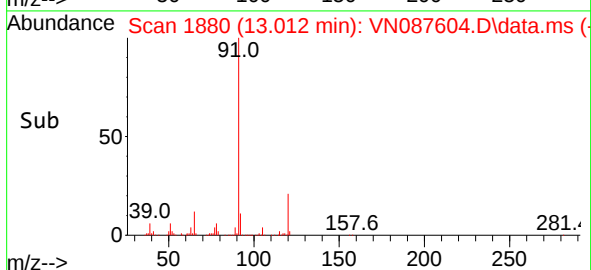
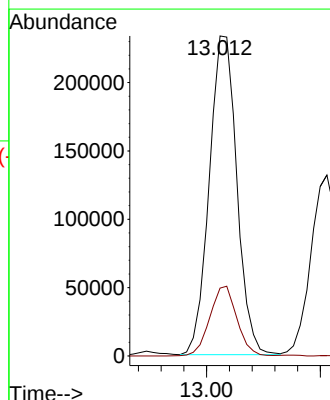
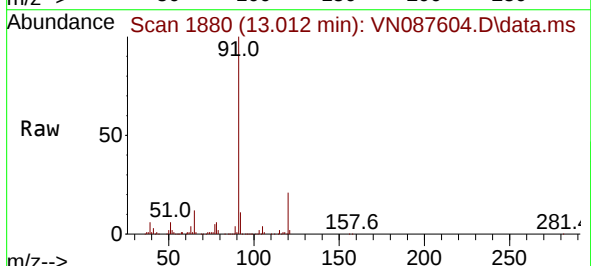
RT: 13.012 min Scan# 1880

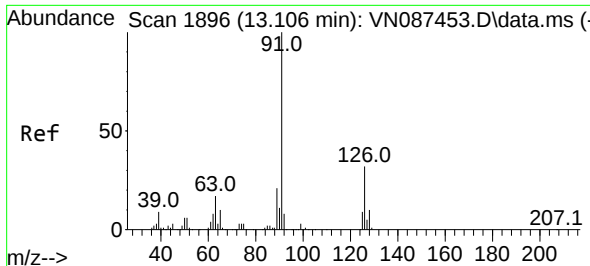
Delta R.T. 0.000 min

Lab File: VN087604.D

Acq: 20 Aug 2025 09:32

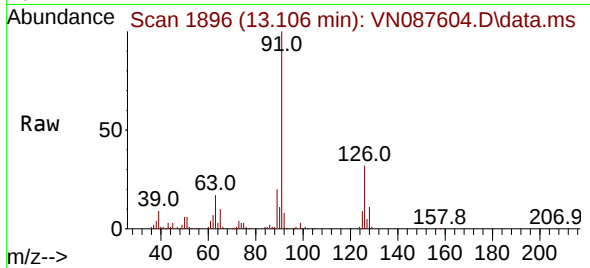
Tgt Ion:	91	Resp:	393548
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	41.8





#75
2-Chlorotoluene
Concen: 17.235 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

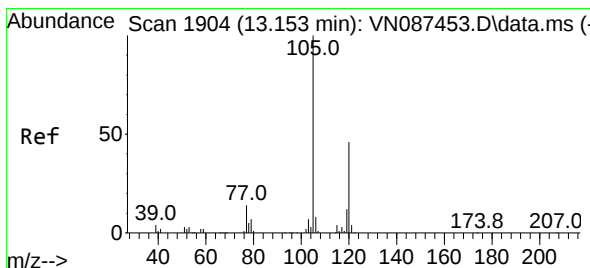
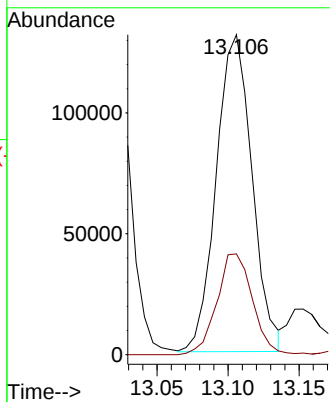
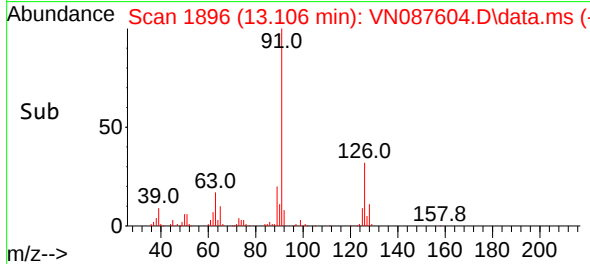
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



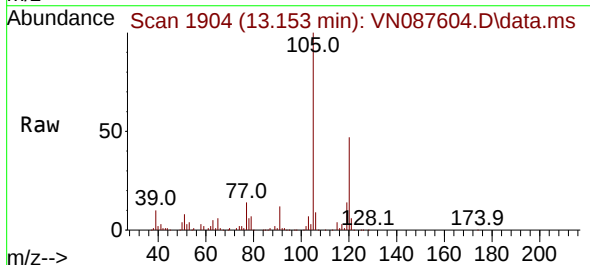
Tgt Ion: 91 Resp: 229920
Ion Ratio Lower Upper
91 100
126 31.5 0.0 60.4

Manual Integrations
APPROVED

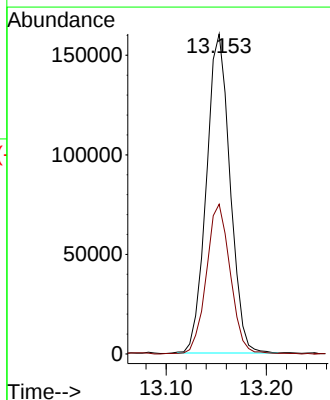
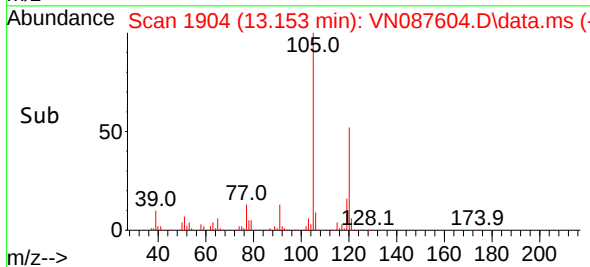
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

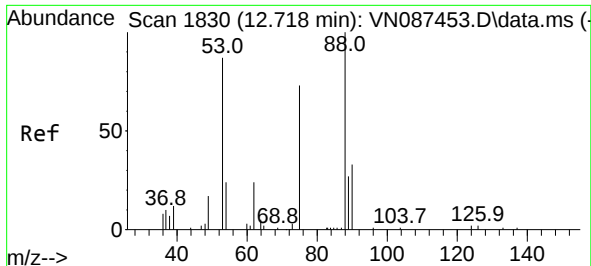


#76
1,3,5-Trimethylbenzene
Concen: 17.667 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



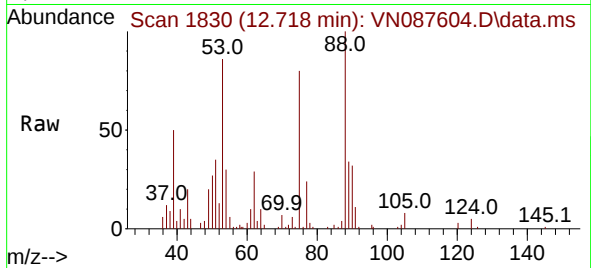
Tgt Ion:105 Resp: 262683
Ion Ratio Lower Upper
105 100
120 47.7 0.0 91.2





#77
t-1,4-Dichloro-2-butene
Concen: 15.983 ug/l m
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

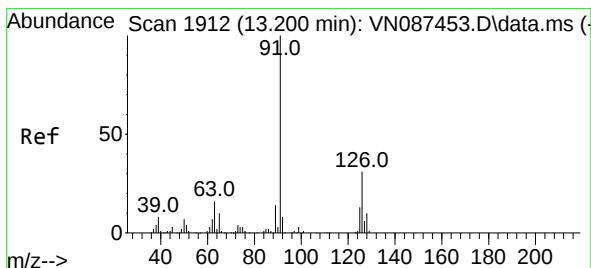
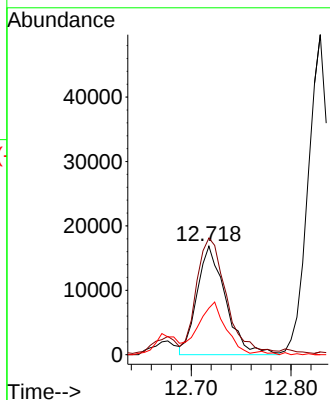
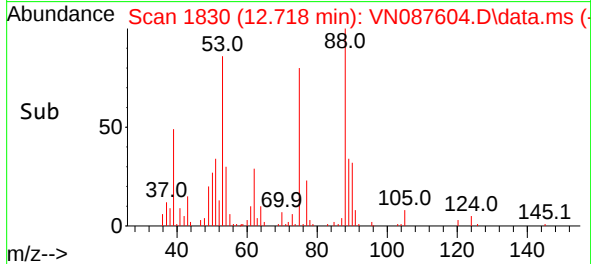
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 75 Resp: 3353
Ion Ratio Lower Upper
75 100
53 107.5 59.0 176.8
89 43.0 22.1 66.5

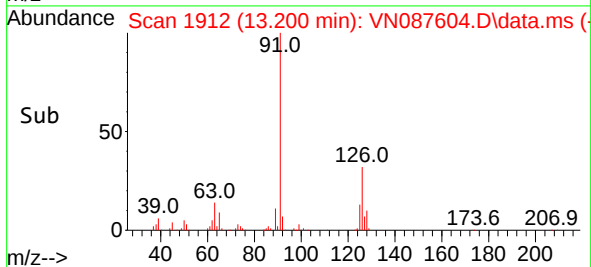
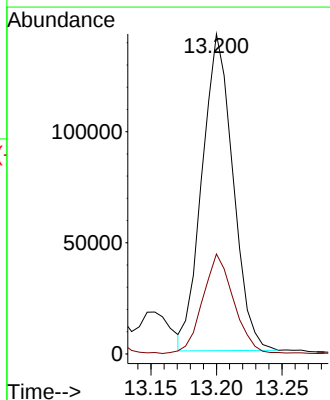
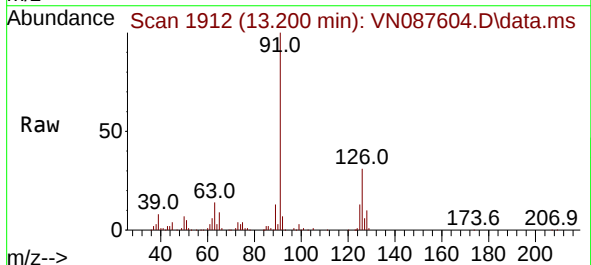
Manual Integrations
APPROVED

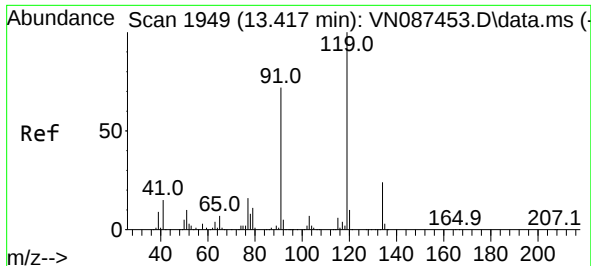
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#78
4-Chlorotoluene
Concen: 17.298 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

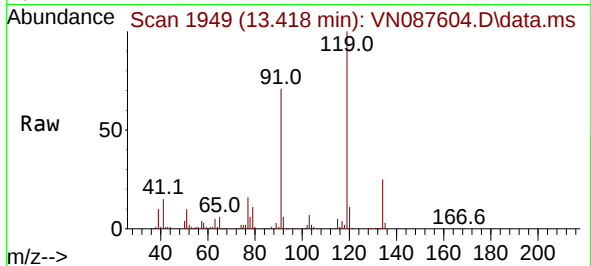
Tgt Ion: 91 Resp: 233857
Ion Ratio Lower Upper
91 100
126 32.0 0.0 63.2





#79
tert-butylbenzene
Concen: 17.953 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

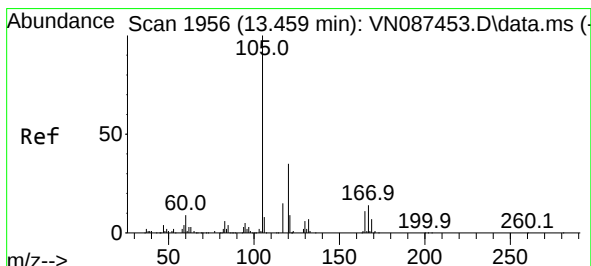
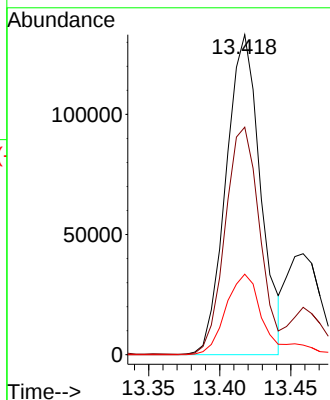
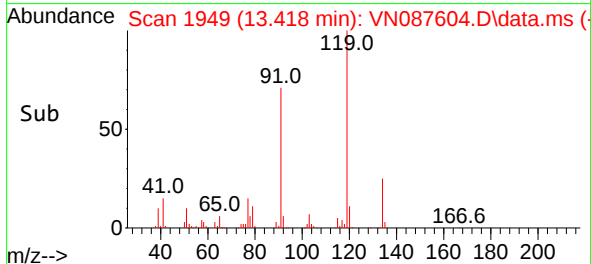
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



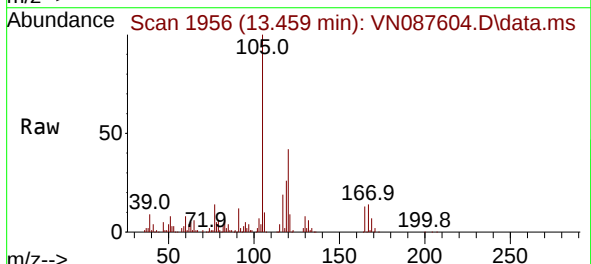
Tgt Ion:119 Resp: 225050
Ion Ratio Lower Upper
119 100
91 70.7 0.0 141.6
134 25.8 0.0 45.6

Manual Integrations
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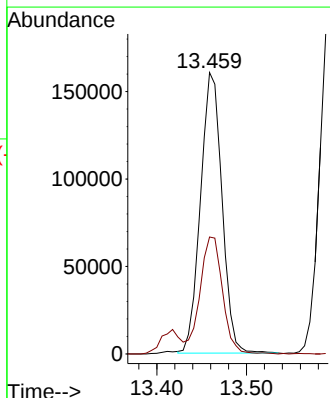
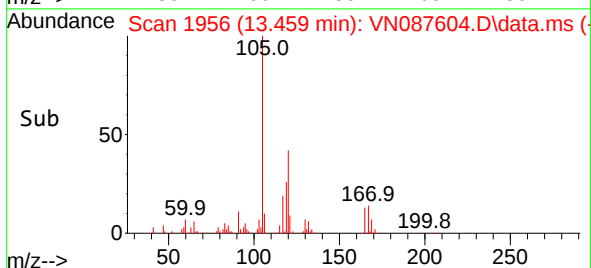
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

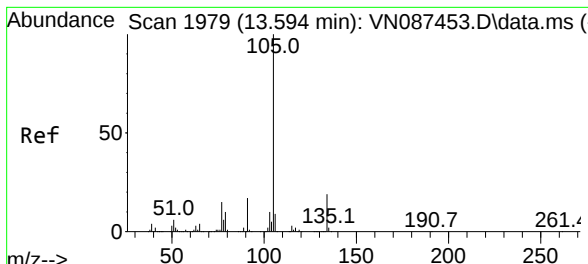


#80
1,2,4-Trimethylbenzene
Concen: 18.008 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



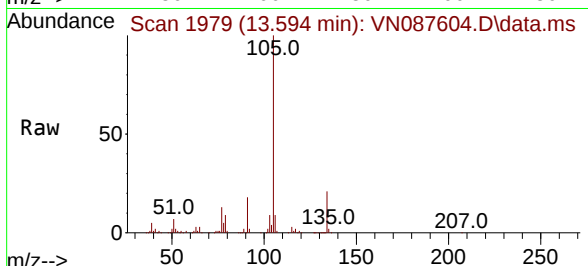
Tgt Ion:105 Resp: 267558
Ion Ratio Lower Upper
105 100
120 43.5 0.0 87.2





#81
 sec-Butylbenzene
 Concen: 18.643 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087604.D
 Acq: 20 Aug 2025 09:32

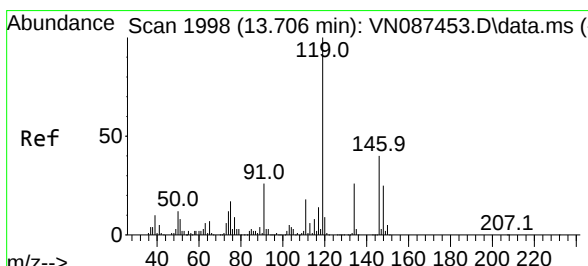
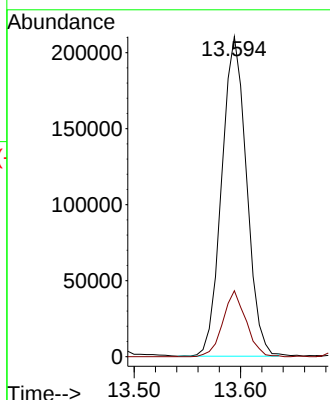
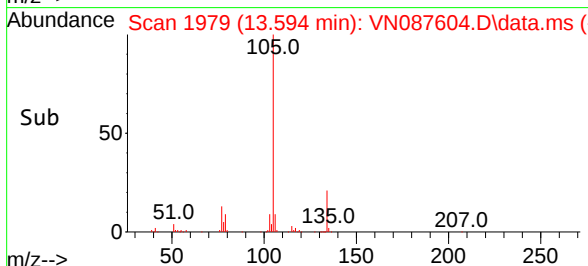
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01



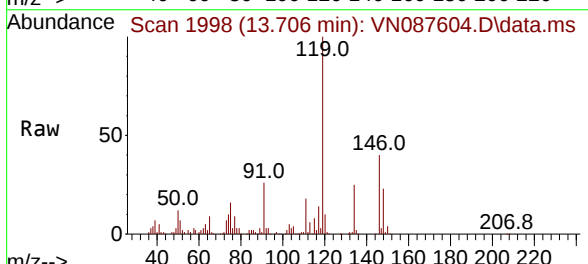
Tgt Ion:105 Resp: 340244
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 37.6

Manual Integrations
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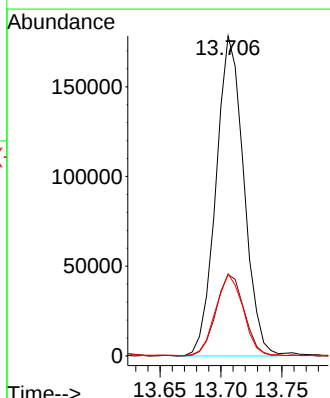
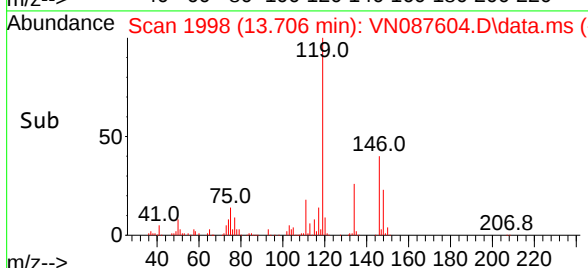
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/22/2025

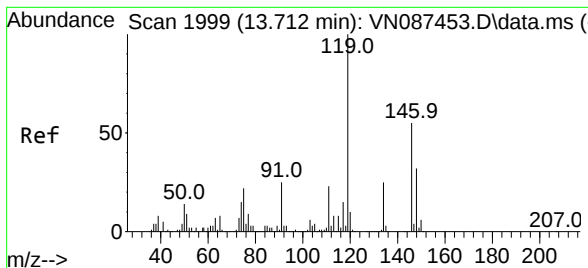


#82
 p-Isopropyltoluene
 Concen: 18.708 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087604.D
 Acq: 20 Aug 2025 09:32



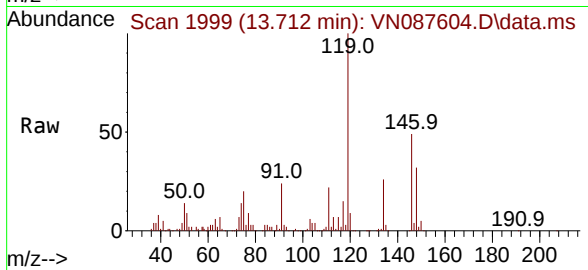
Tgt Ion:119 Resp: 283478
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.4
 91 25.2 0.0 52.0





#83
1,3-Dichlorobenzene
Concen: 18.121 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

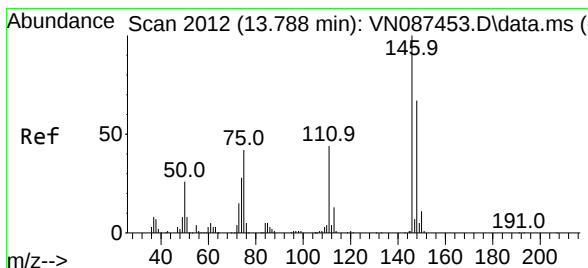
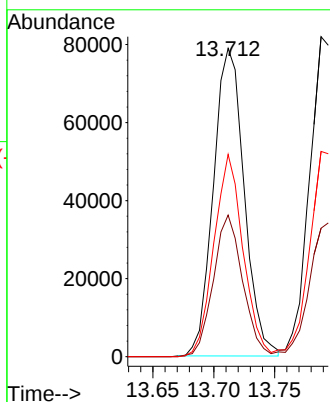
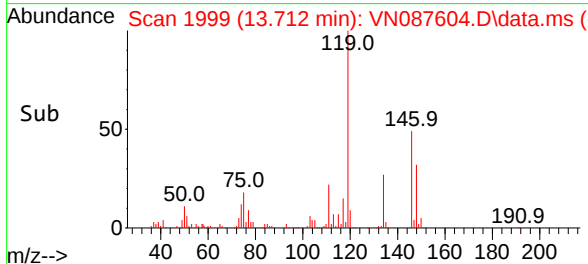
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



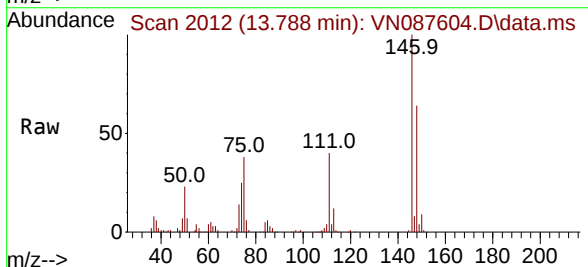
Tgt Ion:146 Resp: 13891
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.5
148 62.0 31.3 93.9

Manual Integrations
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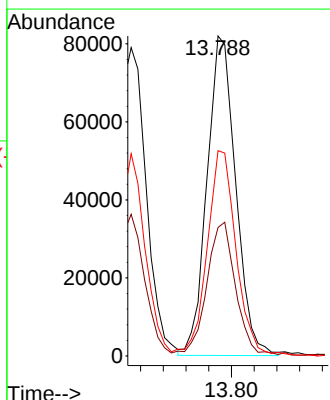
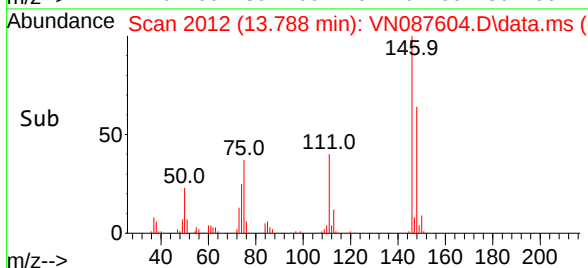
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

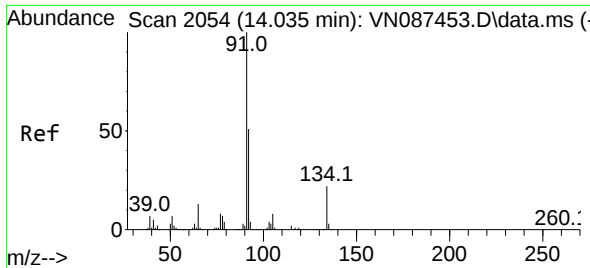


#84
1,4-Dichlorobenzene
Concen: 18.520 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



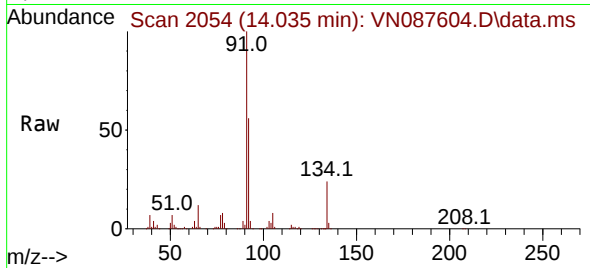
Tgt Ion:146 Resp: 143933
Ion Ratio Lower Upper
146 100
111 41.1 21.1 63.1
148 62.8 31.4 94.3





#85
n-Butylbenzene
Concen: 18.578 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

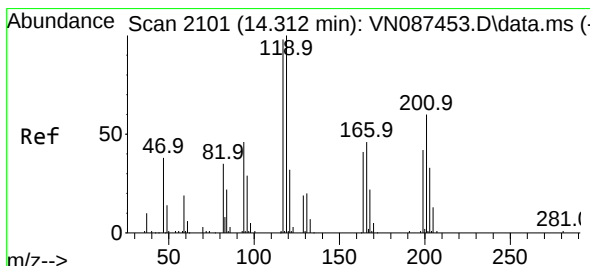
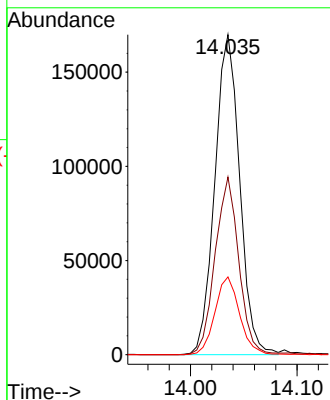
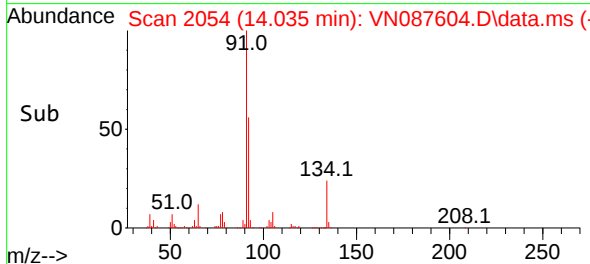
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



Tgt Ion: 91 Resp: 275429
Ion Ratio Lower Upper
91 100
92 53.0 0.0 106.6
134 24.1 0.0 44.4

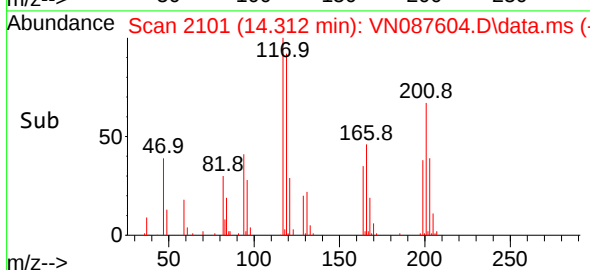
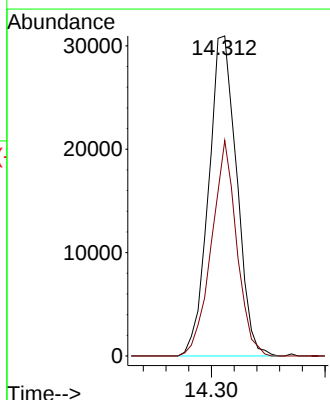
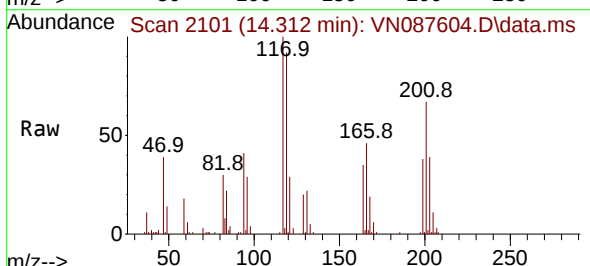
Manual Integrations
APPROVED

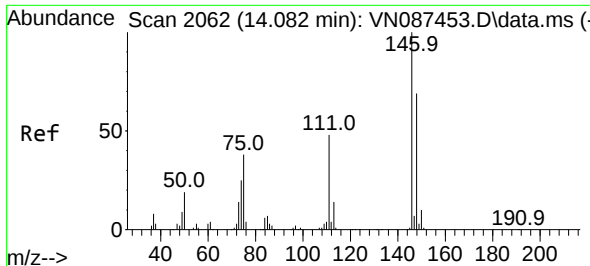
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#86
Hexachloroethane
Concen: 17.984 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

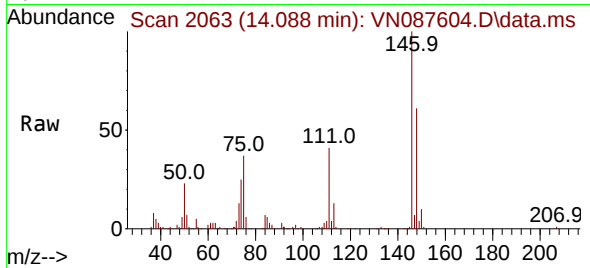
Tgt Ion:117 Resp: 53217
Ion Ratio Lower Upper
117 100
201 60.4 29.1 87.4





#87
1,2-Dichlorobenzene
Concen: 18.519 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

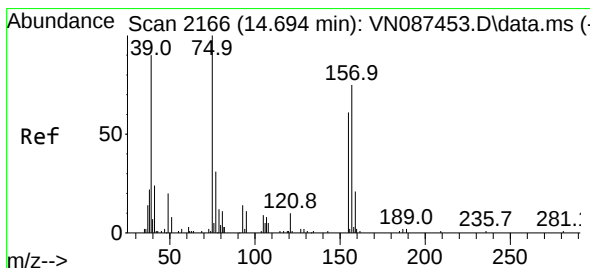
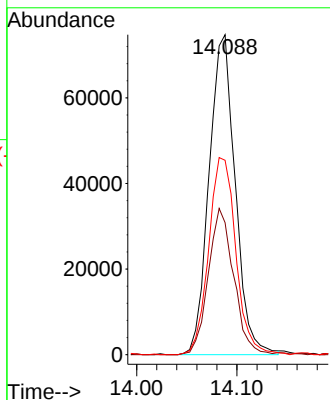
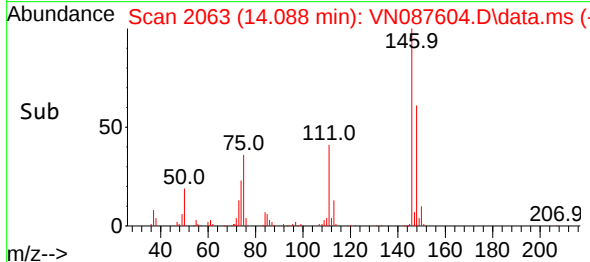
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



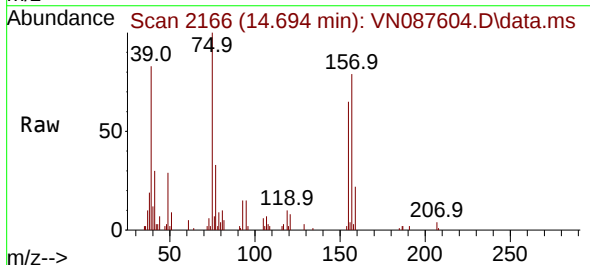
Tgt Ion:146 Resp: 135512
Ion Ratio Lower Upper
146 100
111 44.3 22.9 68.7
148 64.1 31.6 94.7

Manual Integrations
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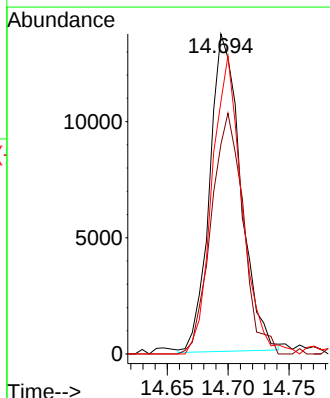
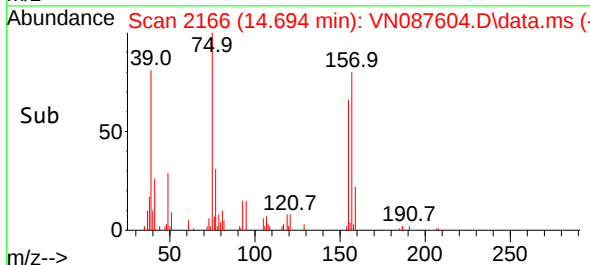
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

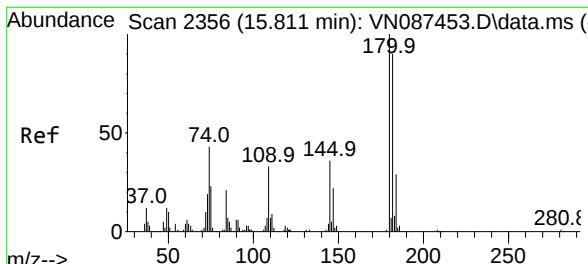


#88
1,2-Dibromo-3-Chloropropane
Concen: 16.085 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



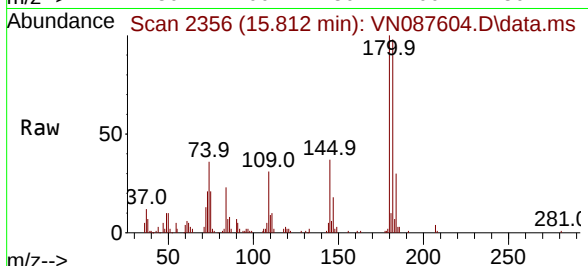
Tgt Ion: 75 Resp: 24246
Ion Ratio Lower Upper
75 100
155 77.2 55.7 83.5
157 89.4 65.8 98.6





#89
1,2,4-Trichlorobenzene
Concen: 16.980 ug/l
RT: 15.812 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

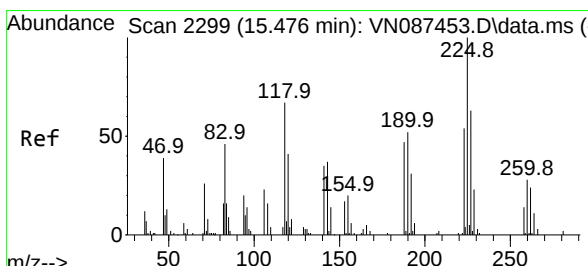
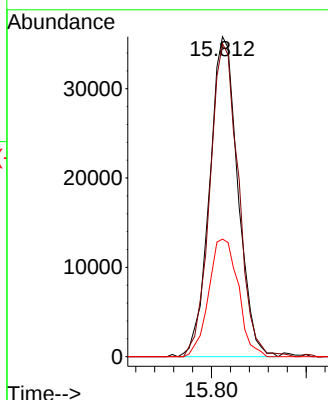
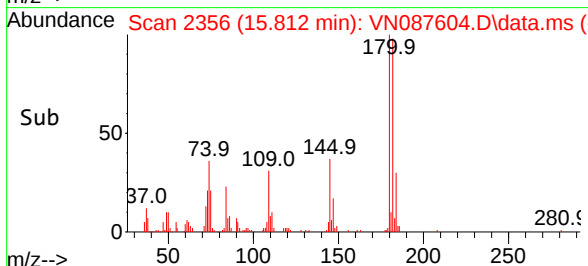
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



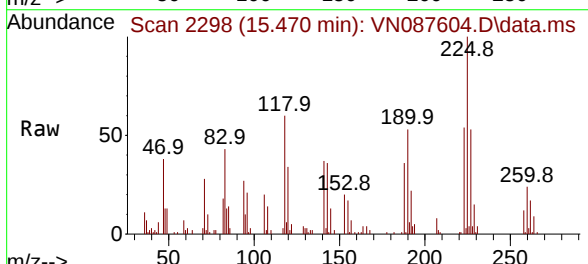
Tgt Ion:180 Resp: 7425
Ion Ratio Lower Upper
180 100
182 97.8 75.0 112.4
145 38.3 28.6 43.0

Manual Integrations
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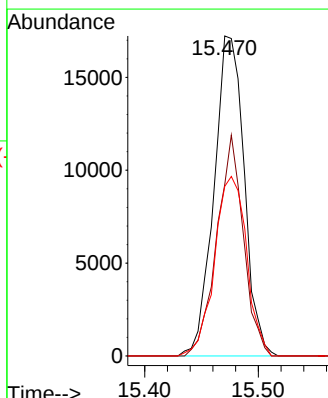
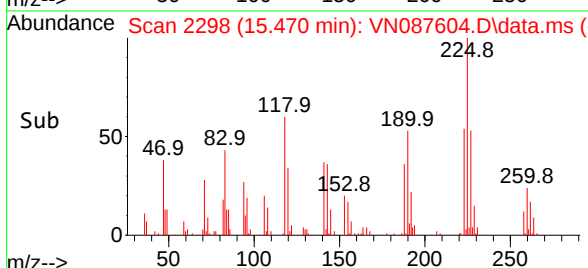
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

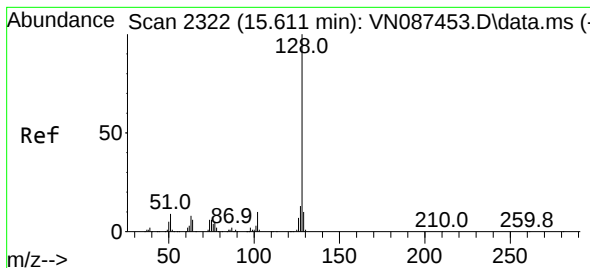


#90
Hexachlorobutadiene
Concen: 18.721 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



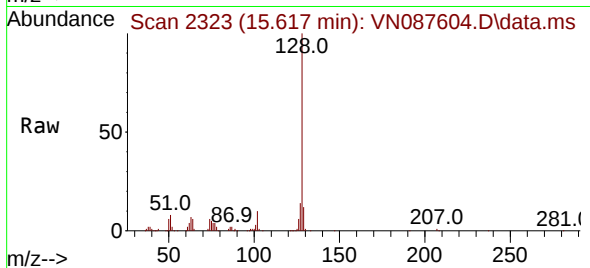
Tgt Ion:225 Resp: 31835
Ion Ratio Lower Upper
225 100
223 60.8 0.0 116.0
227 59.5 0.0 127.0





#91
Naphthalene
Concen: 17.192 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32

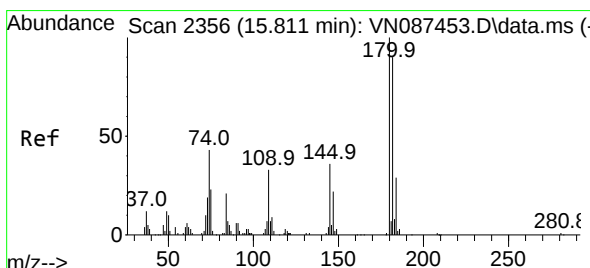
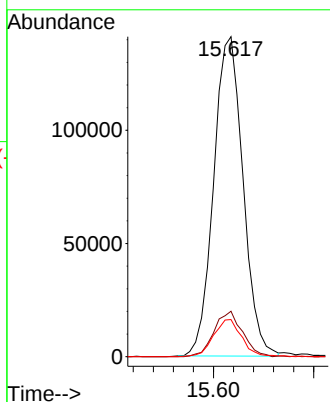
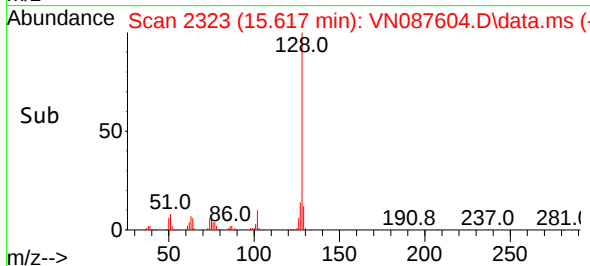
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01



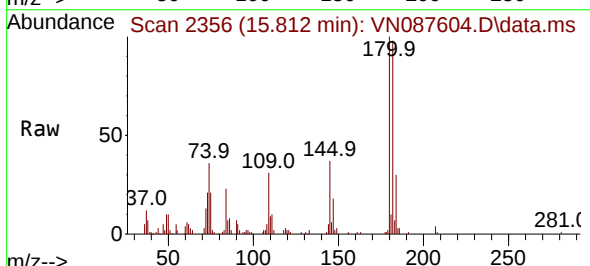
Tgt Ion:128 Resp: 28666
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.3 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#92
1,2,3-Trichlorobenzene
Concen: 16.980 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087604.D
Acq: 20 Aug 2025 09:32



Tgt Ion:180 Resp: 74255
Ion Ratio Lower Upper
180 100
182 97.8 0.0 187.4
145 38.3 0.0 71.6

