

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086813.D
 Acq On : 29 May 2025 14:04
 Operator : JC\MD
 Sample : VN0529WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBS01

Quant Time: May 30 02:41:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	39621	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	223467	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	200810	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80659	29.630	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.767%
60) 4-Bromofluorobenzene	12.847	95	94574	29.997	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.000%
63) Toluene-d8	10.565	98	275908	29.935	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52820	19.629	ug/l	97
3) Chloromethane	2.359	50	66918	19.287	ug/l	97
4) Vinyl Chloride	2.512	62	61071	19.127	ug/l	98
5) Bromomethane	2.965	94	33067	19.546	ug/l	90
6) Chloroethane	3.124	64	37350	19.125	ug/l	100
7) Trichlorofluoromethane	3.500	101	70855	18.947	ug/l	96
8) Diethyl Ether	3.959	74	29626	18.992	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	43862	19.138	ug/l	98
10) 1,1-Dichloroethene	4.342	96	44996	19.257	ug/l	96
11) Methyl Iodide	4.589	142	52135	18.928	ug/l	99
12) Methyl Acetate	5.024	43	45851	17.670	ug/l	99
13) Acrolein	4.177	56	22987	85.750	ug/l	98
14) Acrylonitrile	5.718	53	109616	90.775	ug/l	99
15) Acetone	4.424	58	34212	111.897	ug/l	81
16) Carbon Disulfide	4.712	76	130009	19.061	ug/l	100
17) Allyl chloride	5.018	41	66118m	19.047	ug/l	
18) Methylene Chloride	5.277	84	51710	19.056	ug/l	94
19) trans-1,2-Dichloroethene	5.783	96	47474	19.415	ug/l	96
20) Diisopropyl ether	6.665	45	148454	19.418	ug/l	99
21) 1,1-Dichloroethane	6.571	63	86281	18.701	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	55900	18.877	ug/l	99
23) tert-Butyl Alcohol	5.512	59	36492	94.105	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	147656	19.174	ug/l	98
25) Chloroform	7.965	83	85345	18.899	ug/l	98
26) Cyclohexane	8.253	56	75403	18.883	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	63898	19.448	ug/l	99
30) 2-Butanone	7.483	43	140193	97.384	ug/l	98
31) 2,2-Dichloropropane	7.483	77	75546	19.479	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	73176	19.213	ug/l	98
33) Carbon Tetrachloride	8.359	117	62257	19.122	ug/l	95
34) Benzene	8.606	78	202715	18.962	ug/l	99
35) Methacrylonitrile	7.771	41	29593	17.895	ug/l	98
36) 1,2-Dichloroethane	8.671	62	60257	19.235	ug/l	99
37) Trichloroethene	9.347	130	54382	18.339	ug/l	98
38) Methylcyclohexane	9.600	83	71507	19.615	ug/l	99
39) 1,2-Dichloropropane	9.618	63	48606	18.885	ug/l	99
40) Dibromomethane	9.706	93	32726	19.441	ug/l	98
41) Bromodichloromethane	9.882	83	67026	19.022	ug/l	98
42) Vinyl Acetate	6.600	43	447425	106.624	ug/l	100

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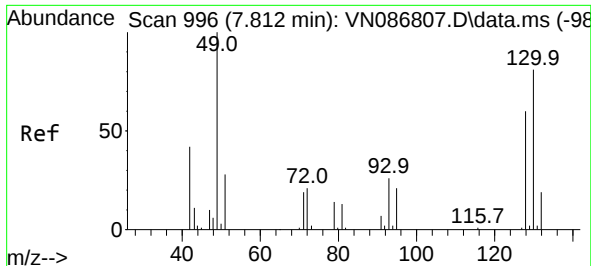
Quant Time: May 30 02:41:30 2025
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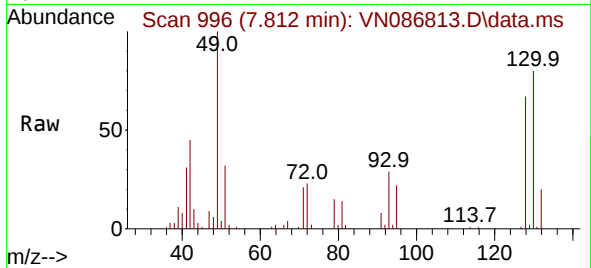
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	56619m	19.221	ug/l	
44) Isopropyl Acetate	8.682	43	95370	18.873	ug/l	99
45) 1,4-Dioxane	9.688	88	17222	383.443	ug/l	94
46) Methyl methacrylate	9.677	41	43790	18.794	ug/l	98
47) n-amyl Acetate	12.488	43	76966	18.972	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	72529	19.235	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	79851	19.253	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	46134	19.459	ug/l	95
51) Ethyl methacrylate	10.871	69	72187	18.800	ug/l	94
52) 1,3-Dichloropropane	11.159	76	79252	18.836	ug/l	99
53) Dibromochloromethane	11.353	129	49697	18.549	ug/l	100
54) 1,2-Dibromoethane	11.465	107	45658	18.840	ug/l	98
55) 2-Chloroethyl vinyl ether	10.153	63	176024	95.504	ug/l	100
56) Bromoform	12.576	173	31845	18.865	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	278301	94.450	ug/l	99
59) 2-Hexanone	11.194	43	202745	96.059	ug/l	100
61) Tetrachloroethene	11.100	164	62346	18.470	ug/l	96
62) Toluene	10.629	91	218581	19.327	ug/l	100
64) Chlorobenzene	11.888	112	138241	19.167	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	45867	19.357	ug/l	97
66) Ethyl Benzene	11.959	91	236314	19.318	ug/l	97
67) m/p-Xylenes	12.065	106	185632	38.671	ug/l	98
68) o-Xylene	12.394	106	90311	19.413	ug/l	99
69) Styrene	12.406	104	149839	19.332	ug/l	100
70) Isopropylbenzene	12.694	105	218406	19.739	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	52864	20.095	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	58756m	19.057	ug/l	
73) Bromobenzene	12.976	156	51978	18.900	ug/l	96
74) n-propylbenzene	13.029	91	253729	19.359	ug/l	100
75) 2-Chlorotoluene	13.123	91	162356	19.300	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	177756	19.311	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	22831	18.095	ug/l	90
78) 4-Chlorotoluene	13.217	91	162258	19.472	ug/l	99
79) tert-butylbenzene	13.435	119	154267	19.384	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	180132	19.496	ug/l	99
81) sec-Butylbenzene	13.612	105	208939	19.271	ug/l	99
82) p-Isopropyltoluene	13.723	119	176104	19.344	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	97275	19.280	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	95900	19.100	ug/l	99
85) n-Butylbenzene	14.053	91	146395	19.208	ug/l	99
86) Hexachloroethane	14.329	117	28052	18.079	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	92656	19.038	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9832	17.748	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	39947	19.612	ug/l	95
90) Hexachlorobutadiene	15.494	225	17812	20.403	ug/l	95
91) Naphthalene	15.635	128	128330	18.058	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	39947	19.612	ug/l	95

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

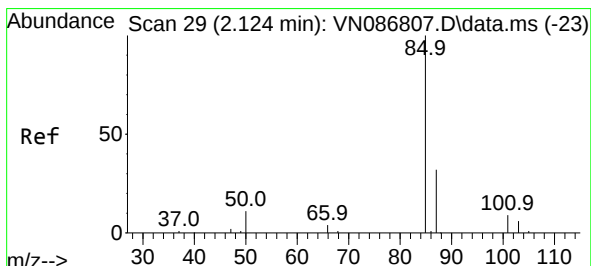
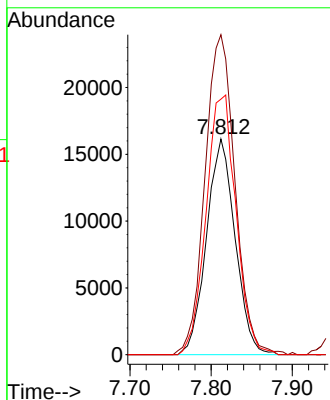
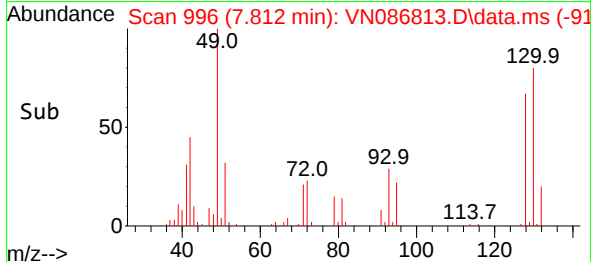
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



Tgt Ion:128 Resp: 3962
Ion Ratio Lower Upper
128 100
49 154.9 0.0 404.5
130 126.5 0.0 322.2

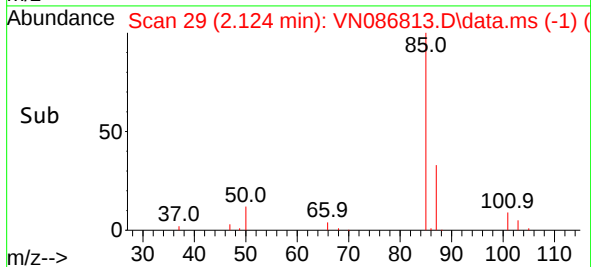
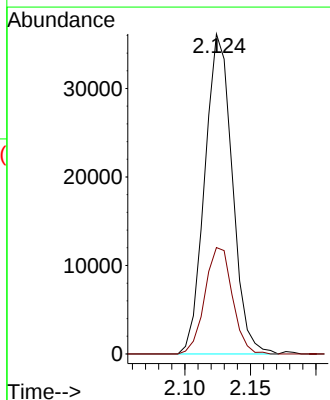
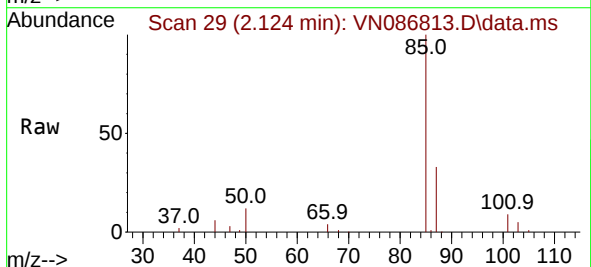
Manual Integrations
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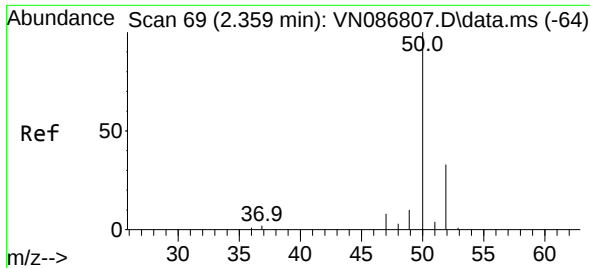
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#2
Dichlorodifluoromethane
Concen: 19.629 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

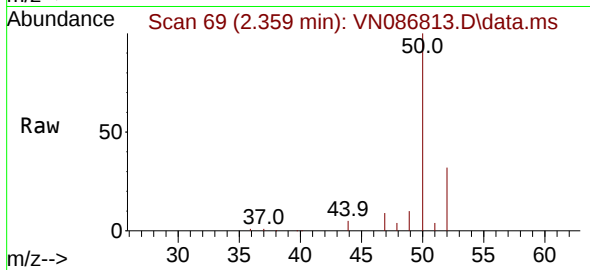
Tgt Ion: 85 Resp: 52820
Ion Ratio Lower Upper
85 100
87 33.2 15.9 47.7





#3
Chloromethane
Concen: 19.287 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

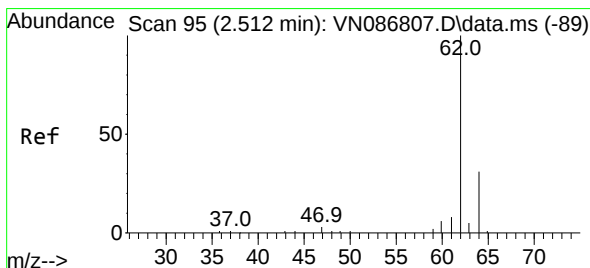
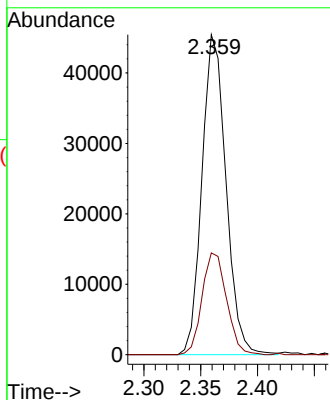
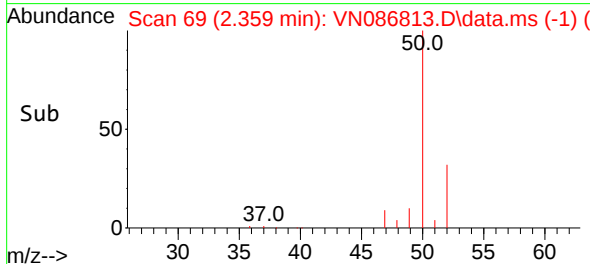
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



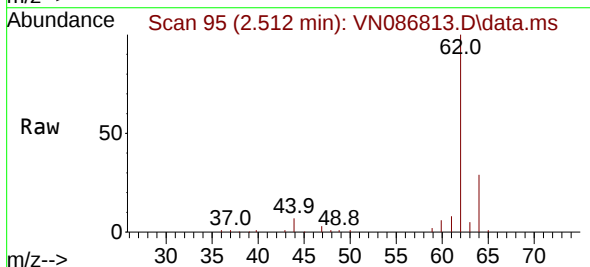
Tgt Ion: 50 Resp: 66918
Ion Ratio Lower Upper
50 100
52 31.8 26.6 40.0

Manual Integrations
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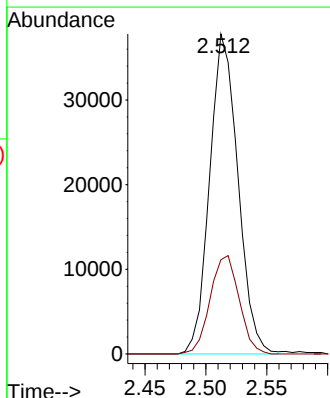
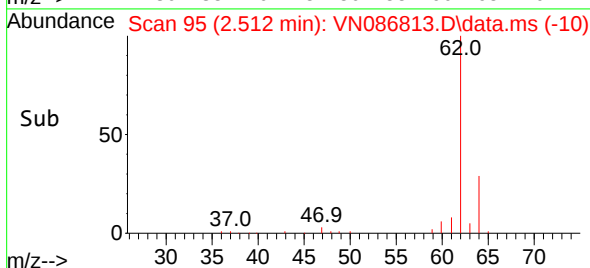
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

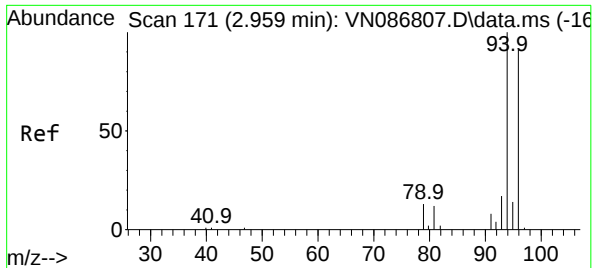


#4
Vinyl Chloride
Concen: 19.127 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04



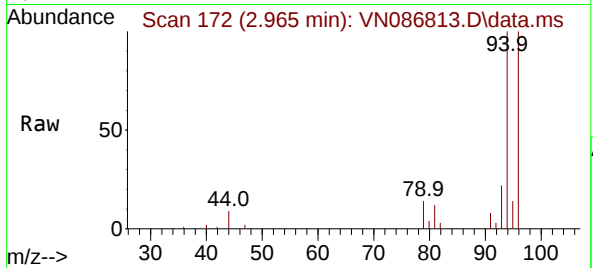
Tgt Ion: 62 Resp: 61071
Ion Ratio Lower Upper
62 100
64 29.5 24.6 36.8





#5
Bromomethane
Concen: 19.546 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

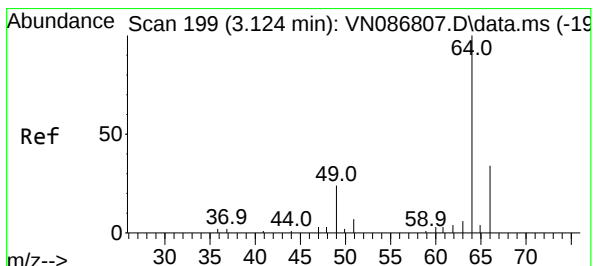
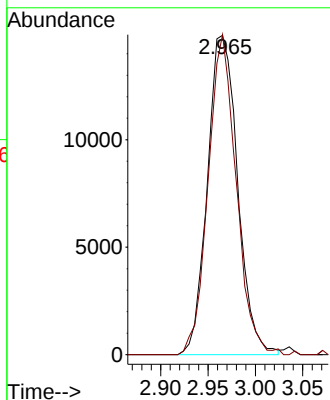
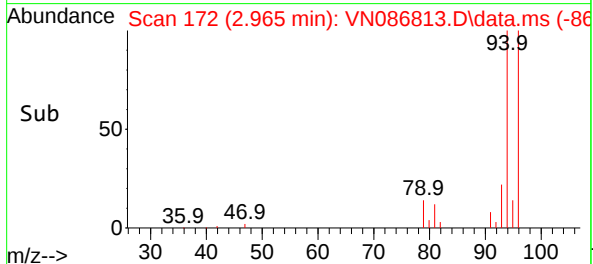
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Tgt Ion: 94 Resp: 3306
Ion Ratio Lower Upper
94 100
96 100.2 72.7 109.1

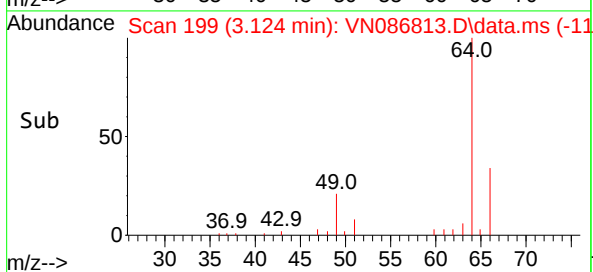
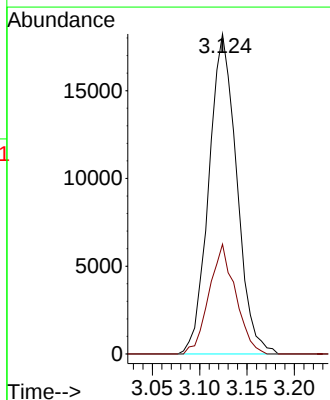
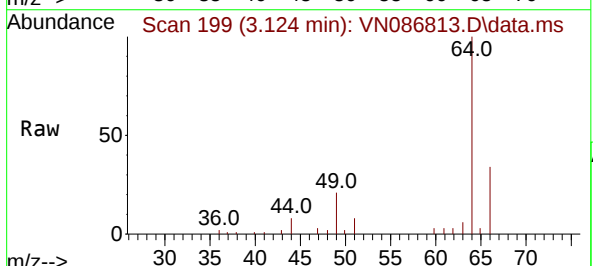
Manual Integrations
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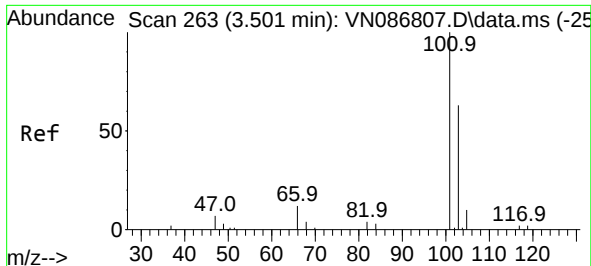
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#6
Chloroethane
Concen: 19.125 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

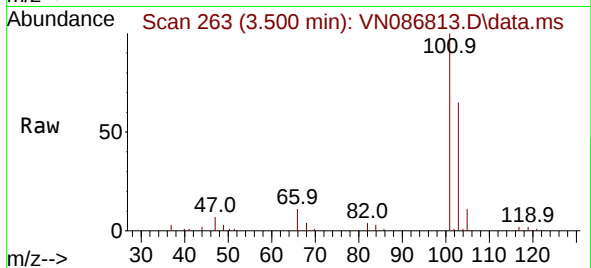
Tgt Ion: 64 Resp: 37350
Ion Ratio Lower Upper
64 100
66 34.3 27.5 41.3





#7
 Trichlorofluoromethane
 Concen: 18.947 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086813.D
 Acq: 29 May 2025 14:04

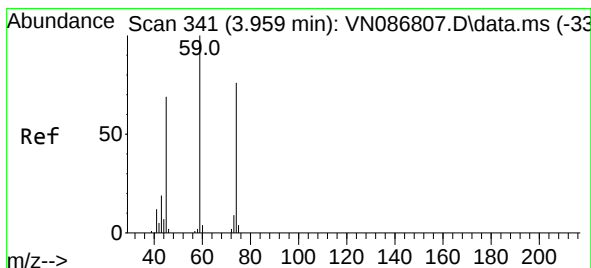
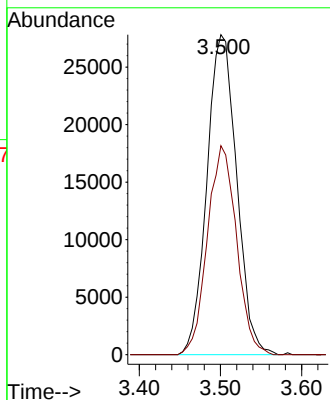
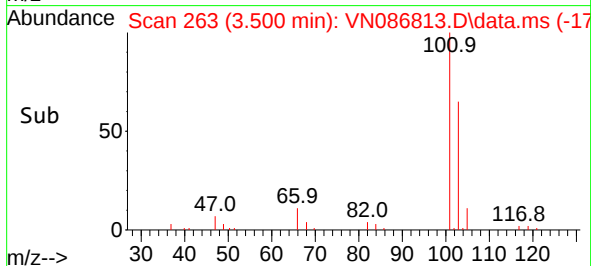
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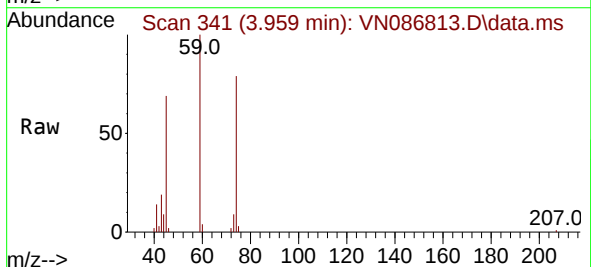
Tgt Ion:101 Resp: 7085
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.0 75.0

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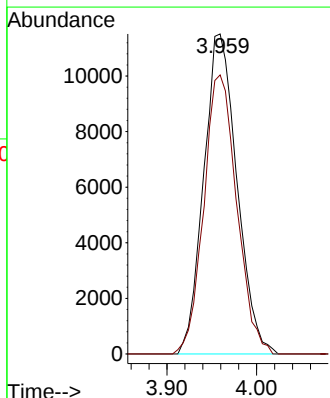
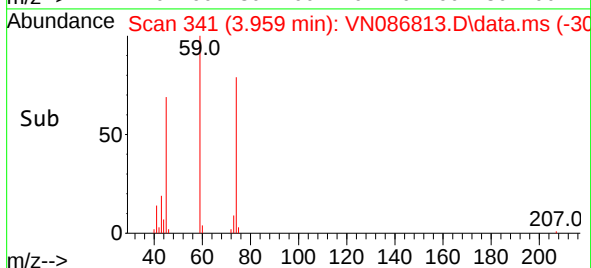
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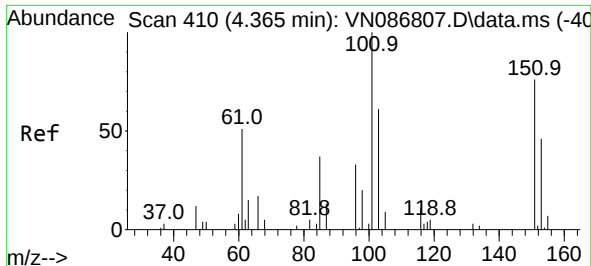


#8
 Diethyl Ether
 Concen: 18.992 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086813.D
 Acq: 29 May 2025 14:04



Tgt Ion: 74 Resp: 29626
 Ion Ratio Lower Upper
 74 100
 45 86.4 17.9 161.5





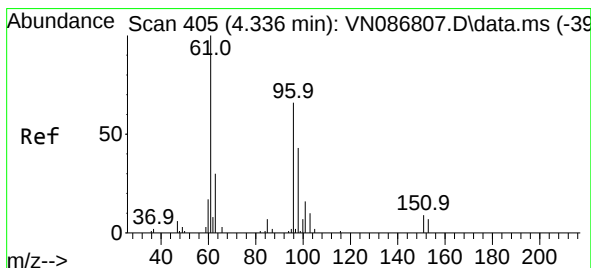
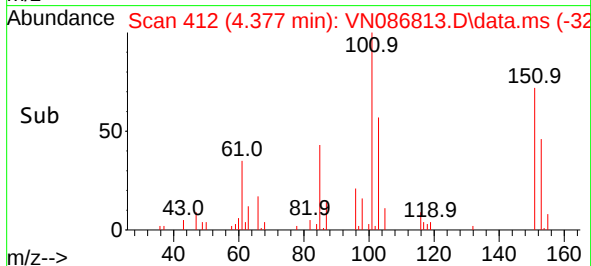
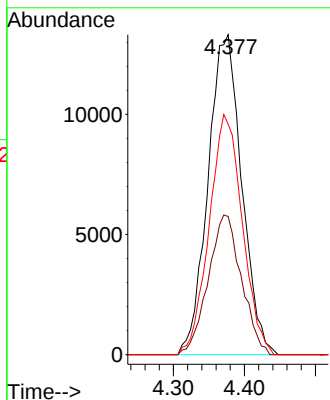
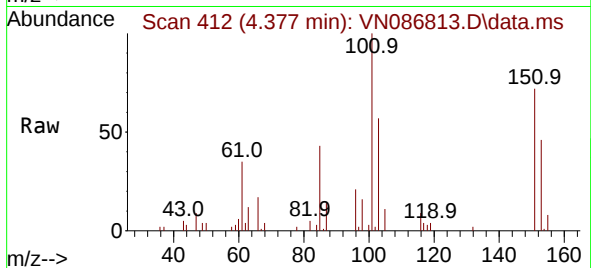
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 1,1,2-Trichlorotrifluoroethane
 Concen: 19.138 ug/l
 RT: 4.377 min Scan# 410
 Delta R.T. 0.012 min
 Lab File: VN086813.D
 Acq: 29 May 2025 14:04

Instrument :
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 VN0529WBS01

Tgt Ion:101 Resp: 43862
 Ion Ratio Lower Upper
 101 100
 85 43.0 0.0 83.2
 151 73.9 0.0 145.6

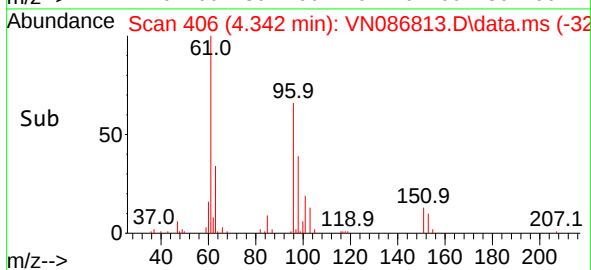
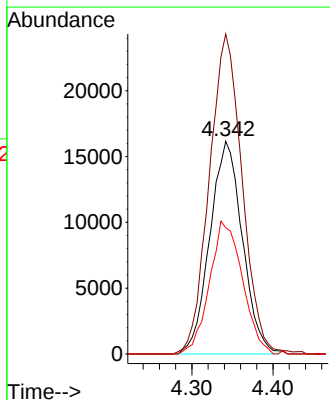
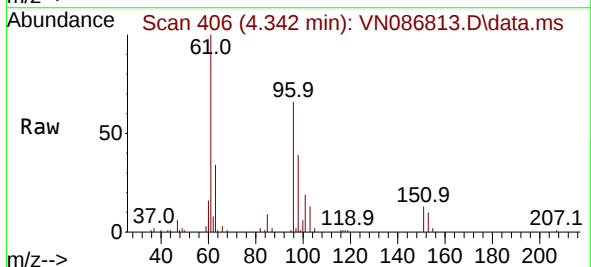
Manual Integrations
 APPROVED

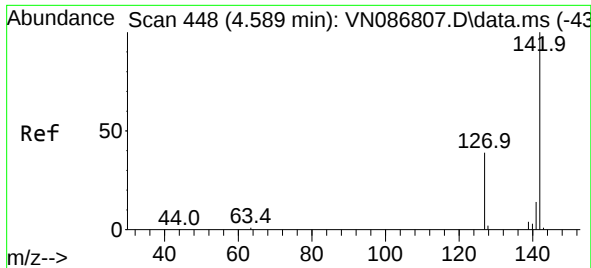
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#10
 1,1-Dichloroethene
 Concen: 19.257 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN086813.D
 Acq: 29 May 2025 14:04

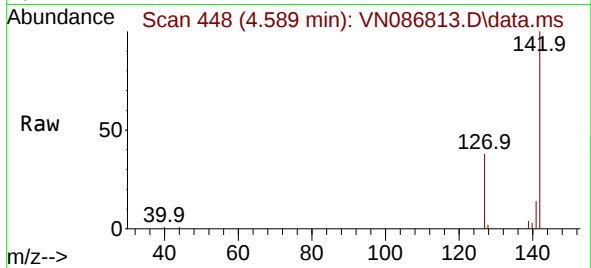
Tgt Ion: 96 Resp: 44996
 Ion Ratio Lower Upper
 96 100
 61 149.4 121.7 182.5
 98 59.4 51.9 77.9





#11
Methyl Iodide
Concen: 18.928 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

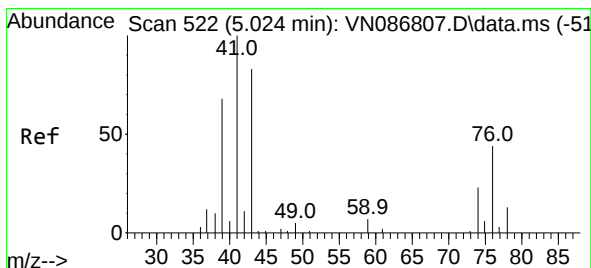
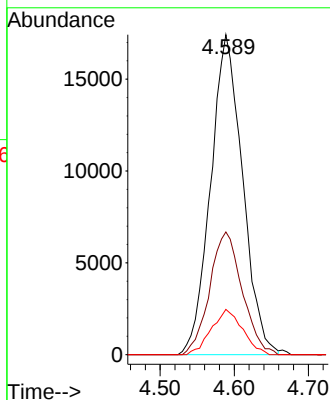
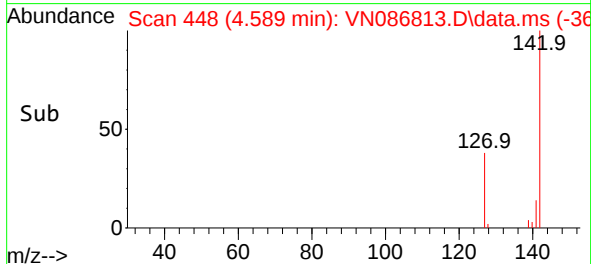
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



Tgt Ion:142 Resp: 5213
Ion Ratio Lower Upper
142 100
127 38.6 19.5 58.5
141 14.2 7.1 21.4

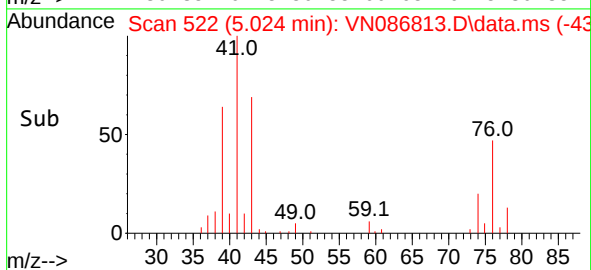
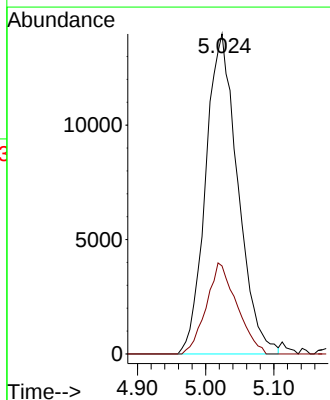
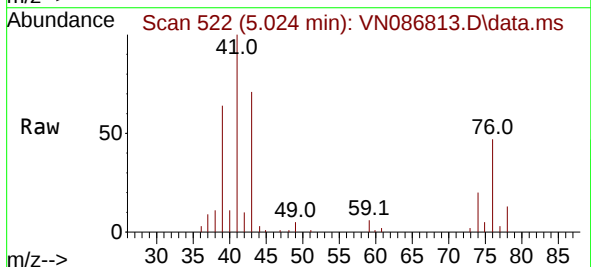
Manual Integrations
APPROVED

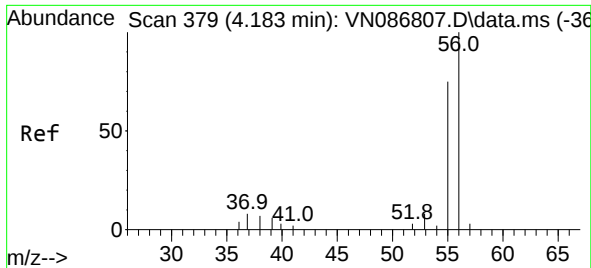
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#12
Methyl Acetate
Concen: 17.670 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 43 Resp: 45851
Ion Ratio Lower Upper
43 100
74 27.7 22.7 34.1





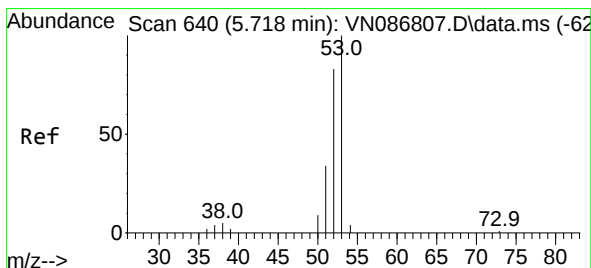
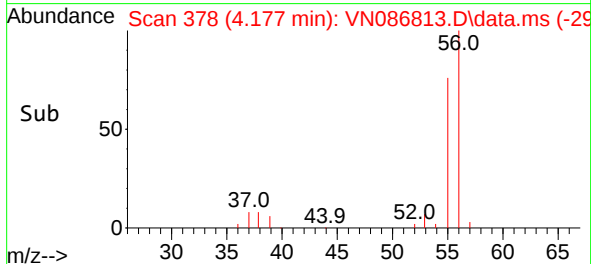
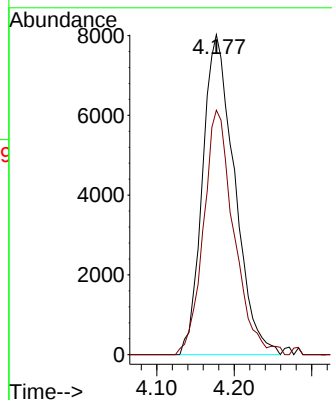
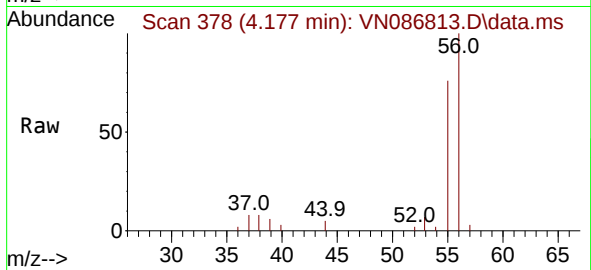
#13
Acrolein
Concen: 85.750 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Tgt Ion: 56 Resp: 2298
Ion Ratio Lower Upper
56 100
55 71.7 55.9 83.9

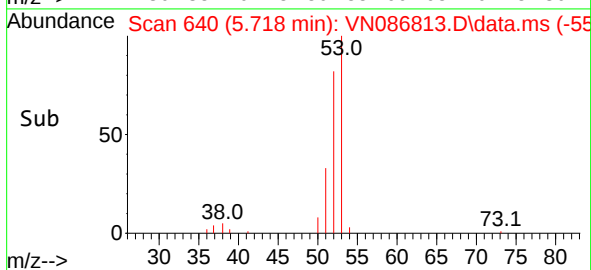
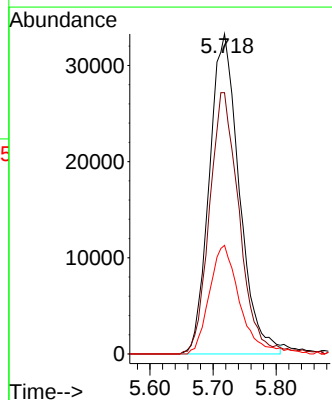
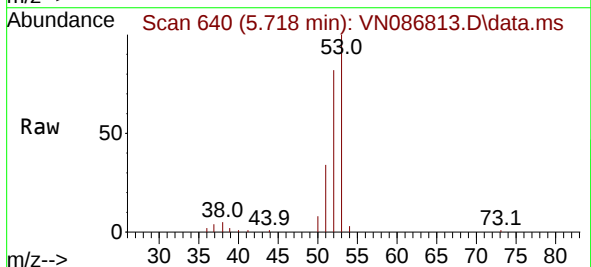
Manual Integrations
APPROVED

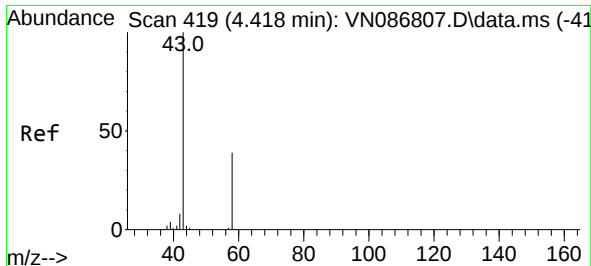
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#14
Acrylonitrile
Concen: 90.775 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

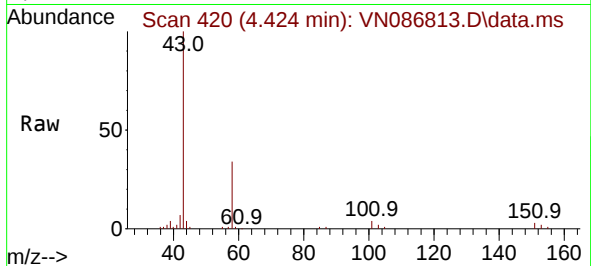
Tgt Ion: 53 Resp: 109616
Ion Ratio Lower Upper
53 100
52 79.9 40.0 119.9
51 34.2 17.5 52.6





#15
Acetone
Concen: 111.897 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

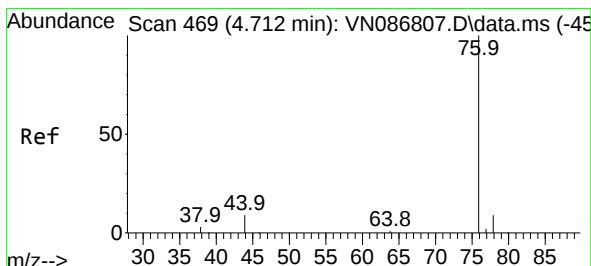
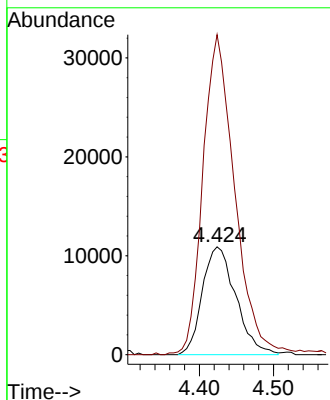
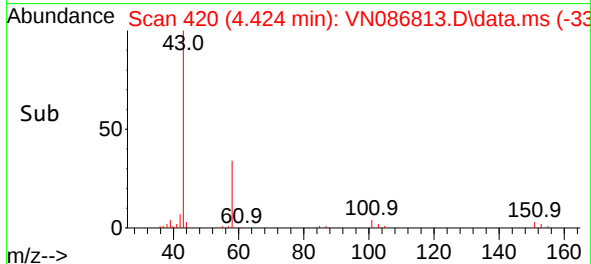
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



Tgt Ion: 58 Resp: 3421
Ion Ratio Lower Upper
58 100
43 294.2 207.7 311.5

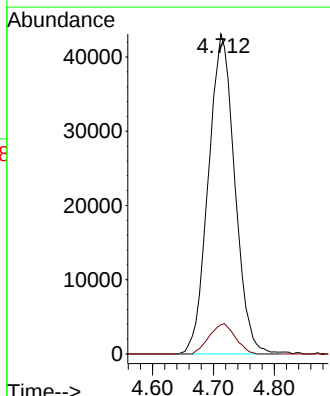
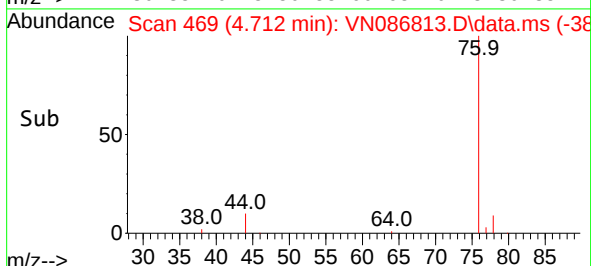
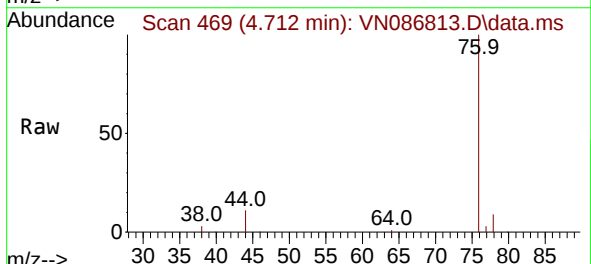
Manual Integrations
APPROVED

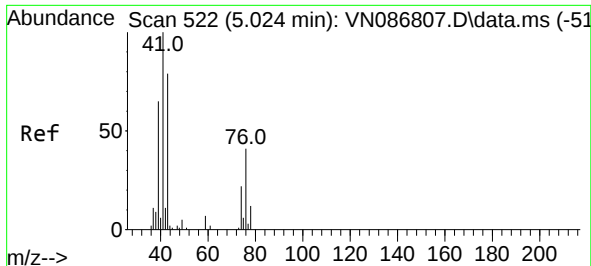
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#16
Carbon Disulfide
Concen: 19.061 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

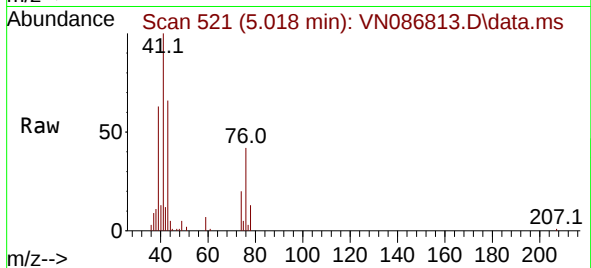
Tgt Ion: 76 Resp: 130009
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8





#17
Allyl chloride
Concen: 19.047 ug/l m
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

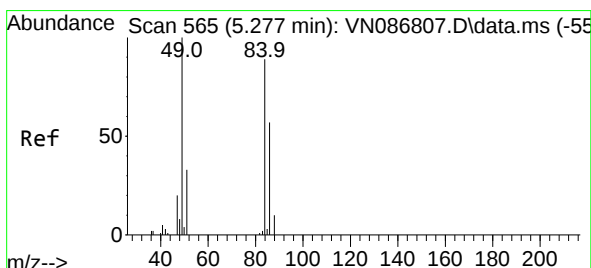
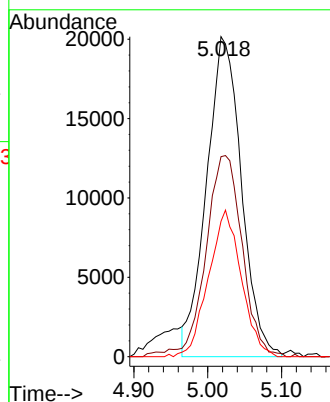
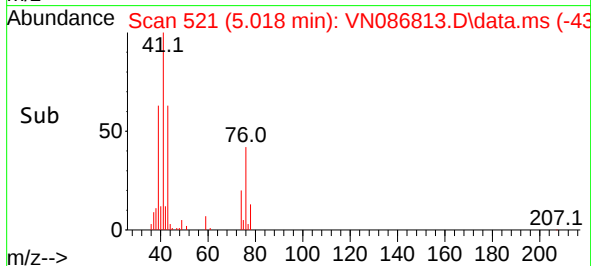
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



Tgt Ion: 41 Resp: 66118
Ion Ratio Lower Upper
41 100
39 62.5 31.6 94.8
76 42.3 20.1 60.2

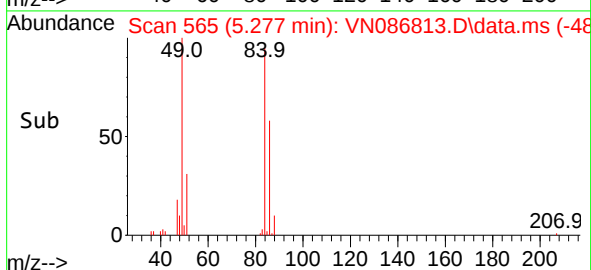
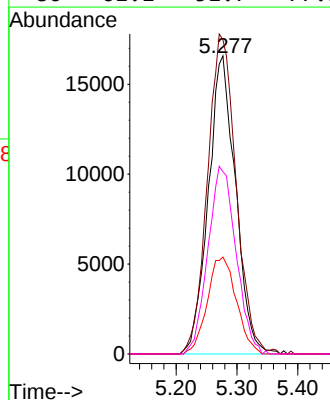
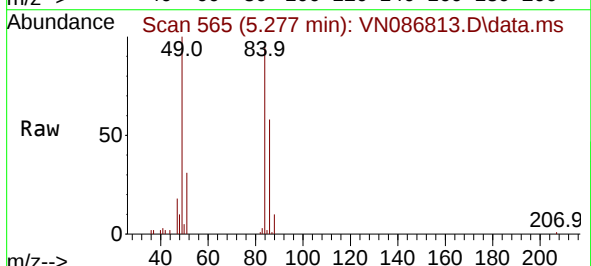
Manual Integrations
APPROVED

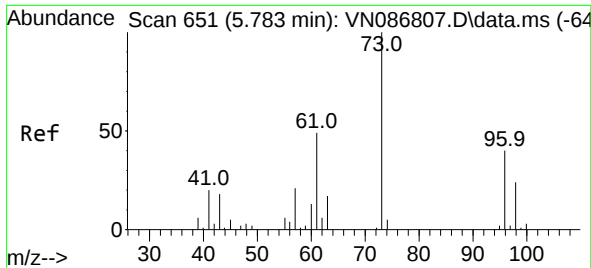
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#18
Methylene Chloride
Concen: 19.056 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 84 Resp: 51710
Ion Ratio Lower Upper
84 100
49 105.4 89.9 134.9
51 32.5 29.6 44.4
86 61.1 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 19.415 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN086813.D

Acq: 29 May 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBS01

Tgt Ion: 96 Resp: 47474

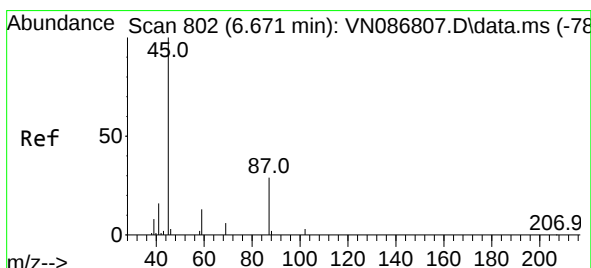
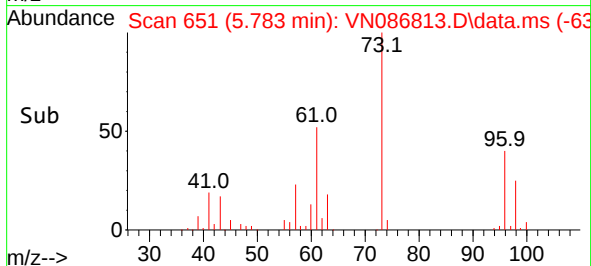
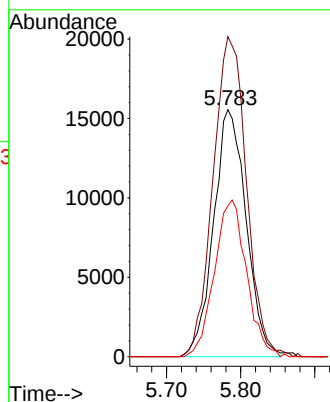
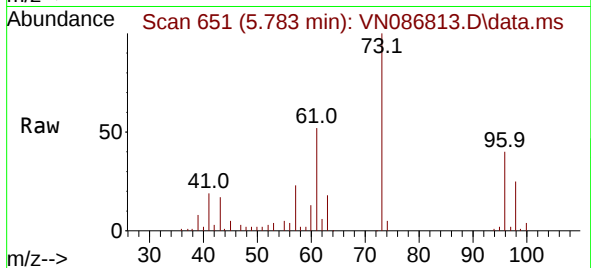
Ion	Ratio	Lower	Upper
96	100		
61	129.5	98.9	148.3
98	61.0	49.0	73.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#20

Diisopropyl ether

Concen: 19.418 ug/l

RT: 6.665 min Scan# 801

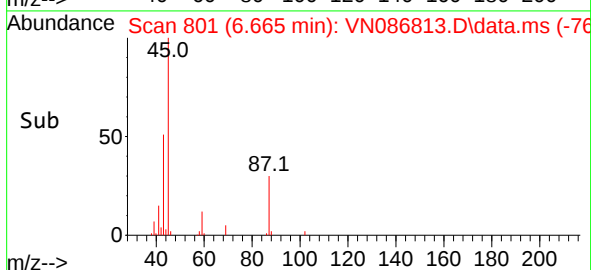
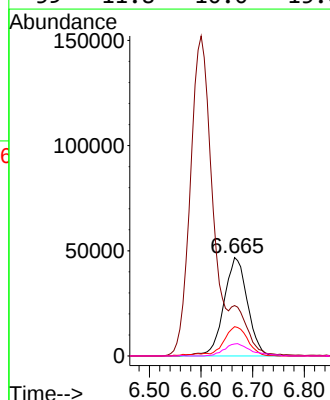
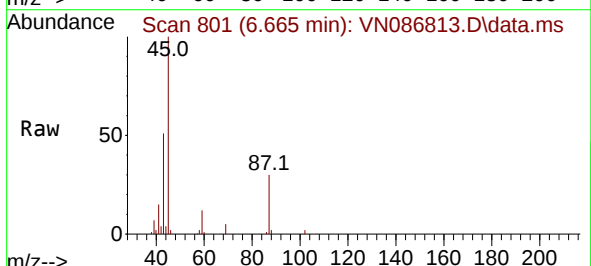
Delta R.T. -0.006 min

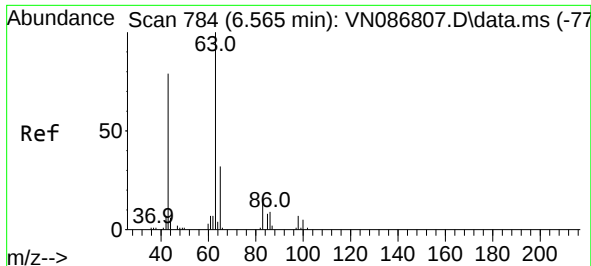
Lab File: VN086813.D

Acq: 29 May 2025 14:04

Tgt Ion: 45 Resp: 148454

Ion	Ratio	Lower	Upper
45	100		
43	49.4	40.3	60.5
87	29.8	24.1	36.1
59	11.8	10.0	15.0





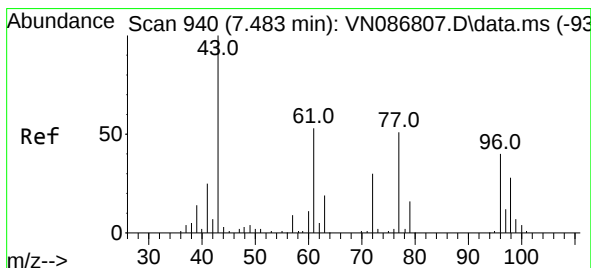
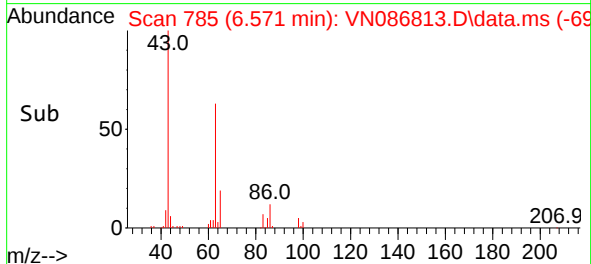
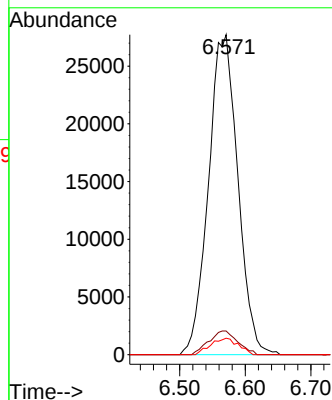
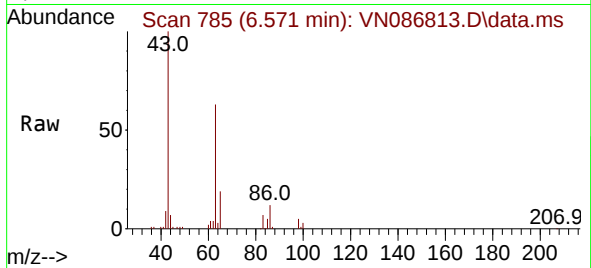
#21
1,1-Dichloroethane
Concen: 18.701 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Tgt Ion: 63 Resp: 8628
Ion Ratio Lower Upper
63 100
98 7.4 3.8 11.2
100 5.2 2.3 6.8

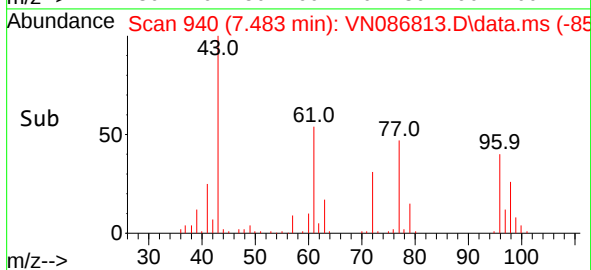
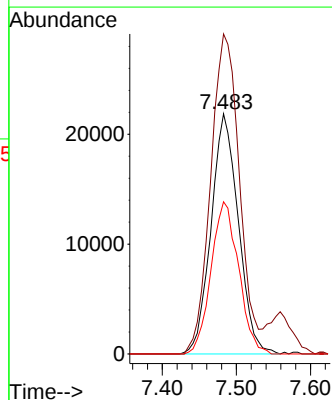
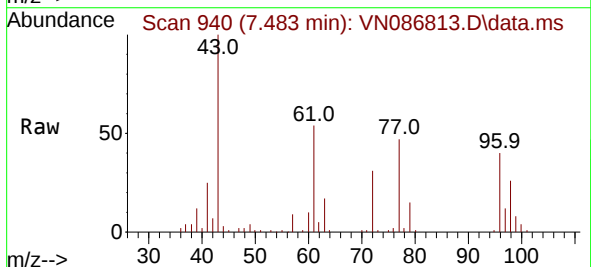
Manual Integrations
APPROVED

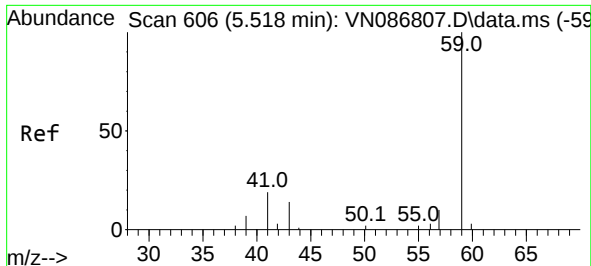
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#22
cis-1,2-Dichloroethene
Concen: 18.877 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 96 Resp: 55900
Ion Ratio Lower Upper
96 100
61 139.6 110.7 166.1
98 64.0 51.8 77.8





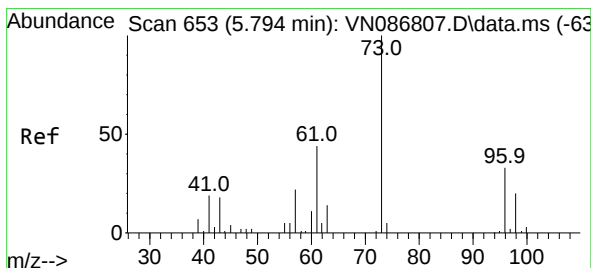
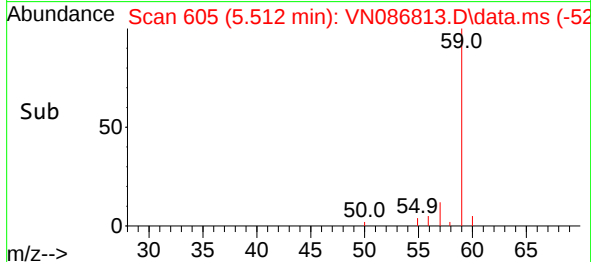
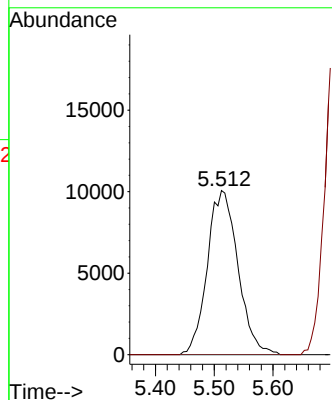
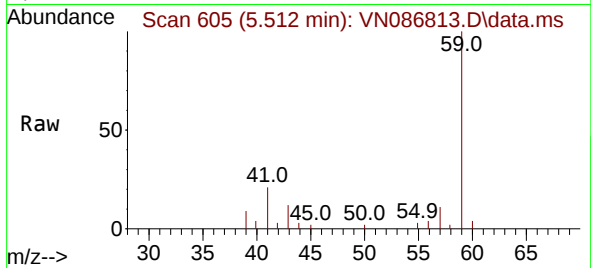
#23
tert-Butyl Alcohol
Concen: 94.105 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Tgt Ion: 59 Resp: 36492
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

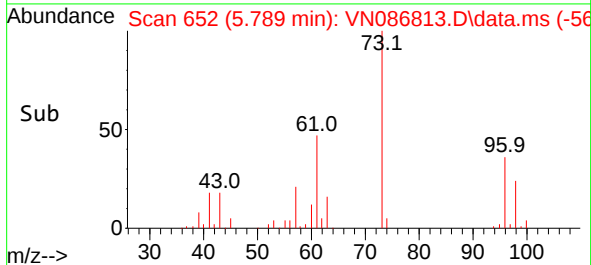
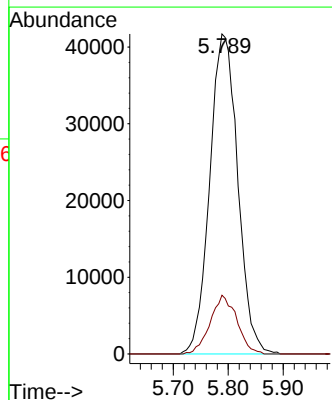
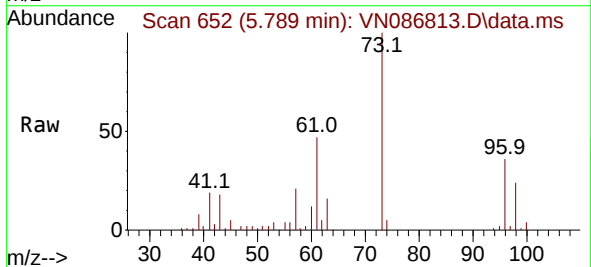
Manual Integrations
APPROVED

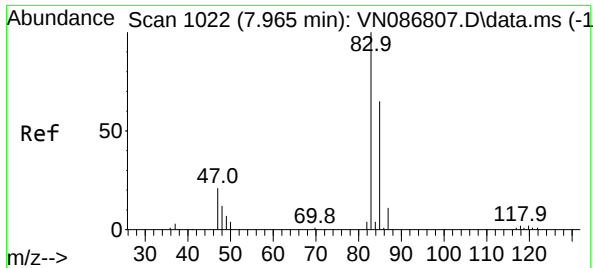
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#24
Methyl tert-Butyl Ether
Concen: 19.174 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 73 Resp: 147656
Ion Ratio Lower Upper
73 100
43 17.4 14.6 22.0





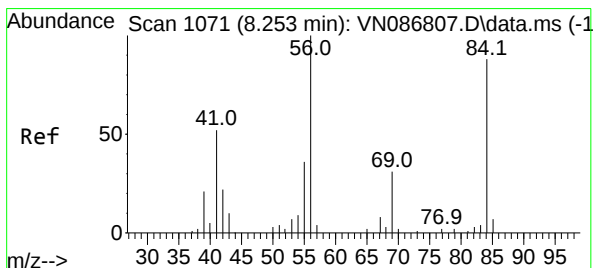
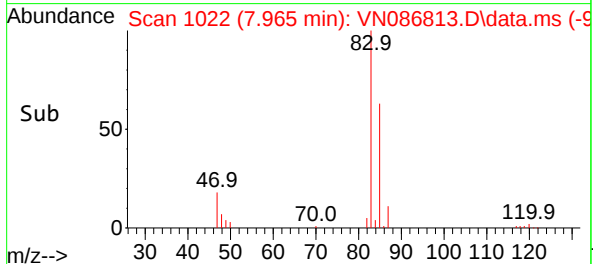
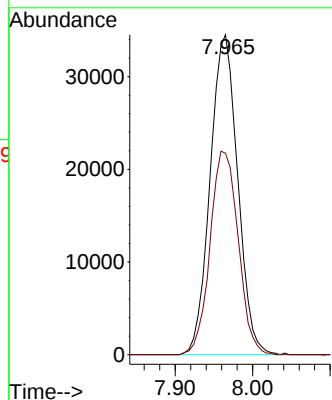
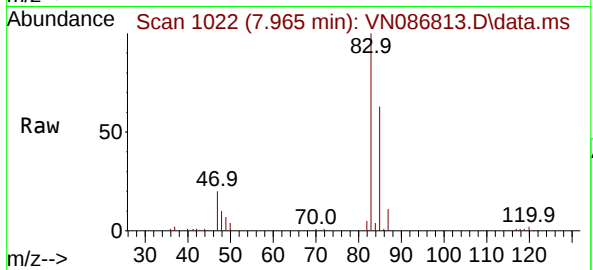
#25
Chloroform
Concen: 18.899 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Tgt Ion: 83 Resp: 85349
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.8

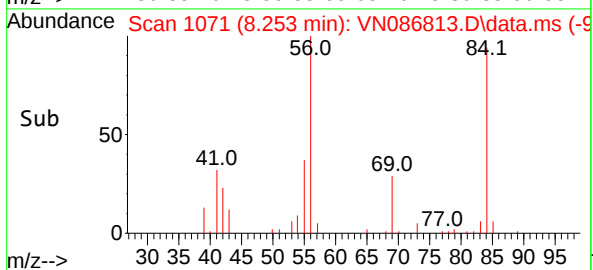
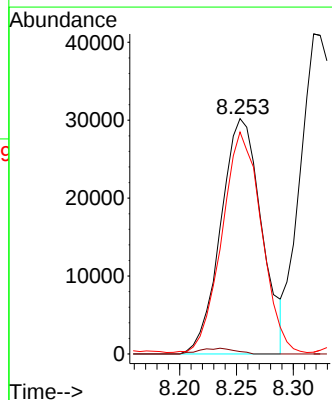
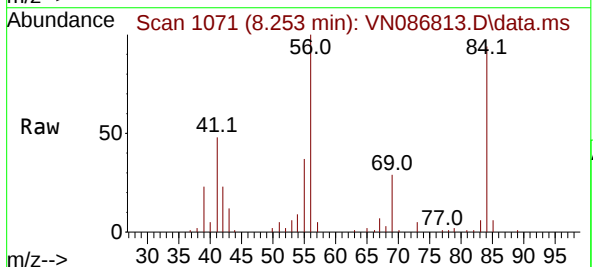
Manual Integrations
APPROVED

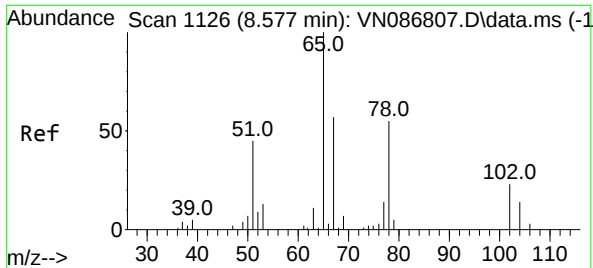
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#26
Cyclohexane
Concen: 18.883 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 56 Resp: 75403
Ion Ratio Lower Upper
56 100
89 2.1 0.0 0.0#
84 91.7 70.4 105.6





#27

1,2-Dichloroethane-d4

Concen: 29.630 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086813.D

Acq: 29 May 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBS01

Tgt Ion: 65 Resp: 80659

Ion Ratio Lower Upper

65 100

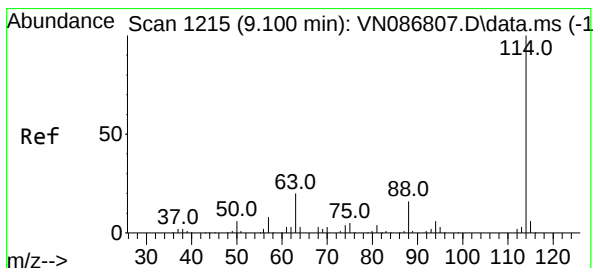
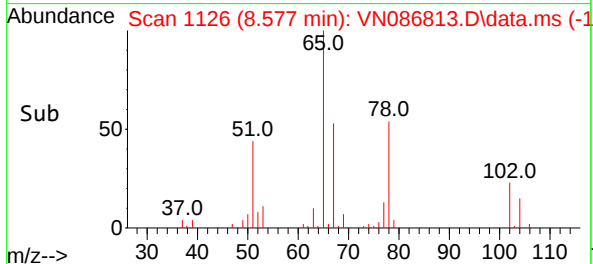
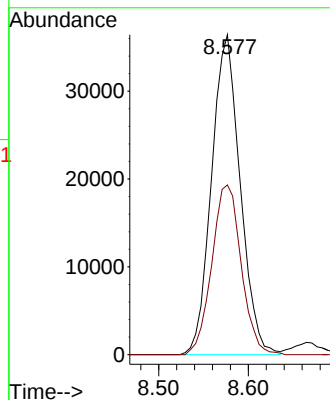
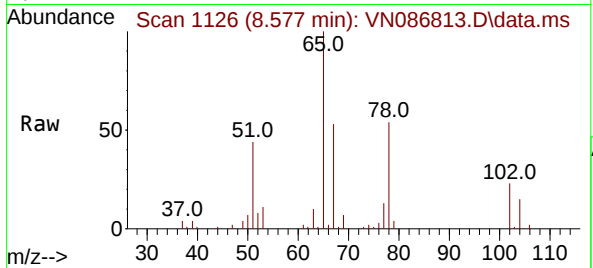
67 54.4 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086813.D

Acq: 29 May 2025 14:04

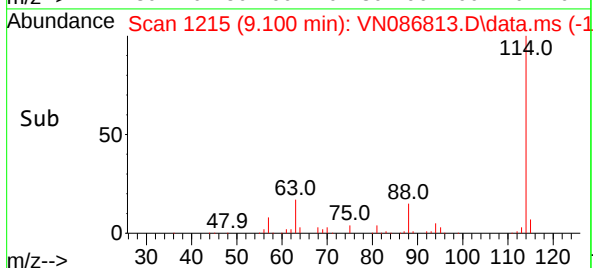
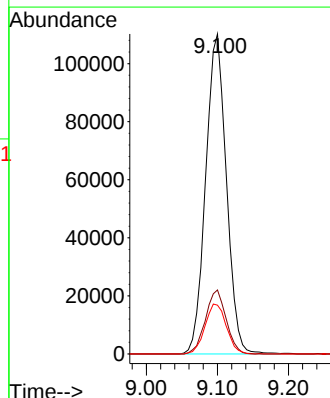
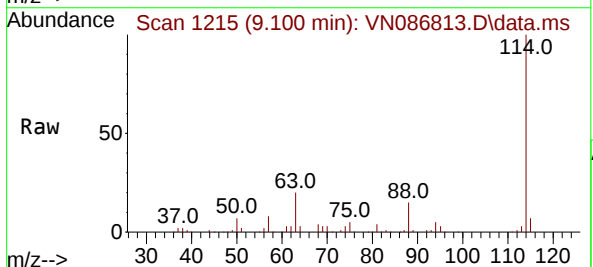
Tgt Ion:114 Resp: 223467

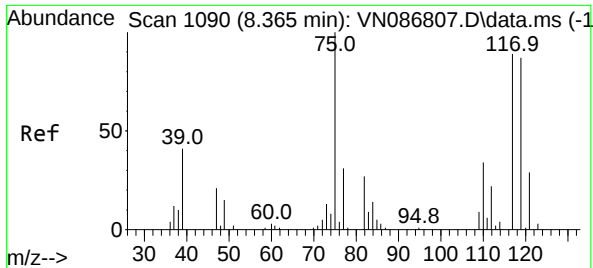
Ion Ratio Lower Upper

114 100

63 20.0 15.8 23.8

88 16.1 12.9 19.3





#29

1,1-Dichloropropene

Concen: 19.448 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN086813.D

Acq: 29 May 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBS01

Tgt Ion: 75 Resp: 63898

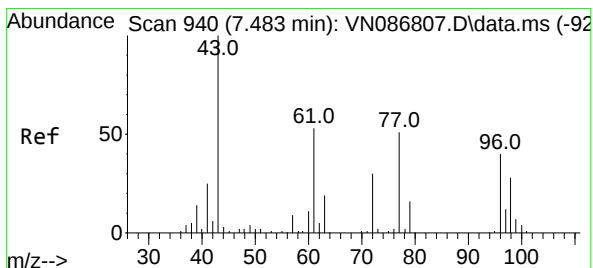
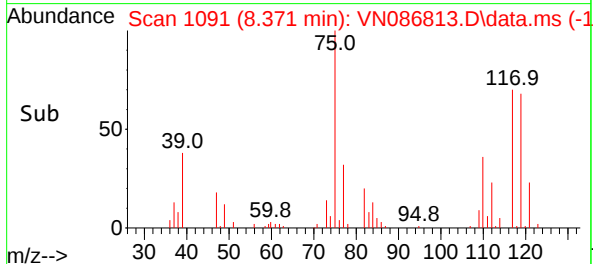
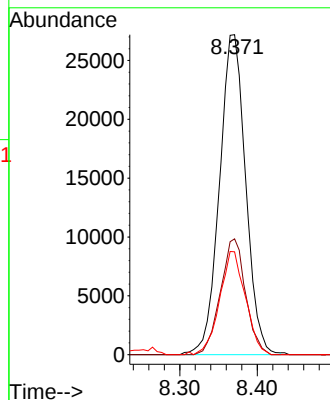
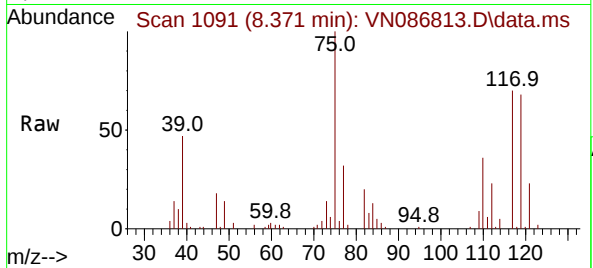
Ion	Ratio	Lower	Upper
75	100		
110	34.8	0.0	71.0
77	31.6	0.0	62.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#30

2-Butanone

Concen: 97.384 ug/l

RT: 7.483 min Scan# 940

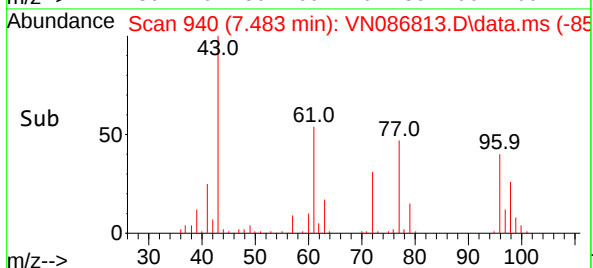
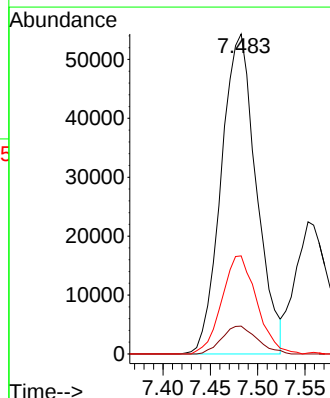
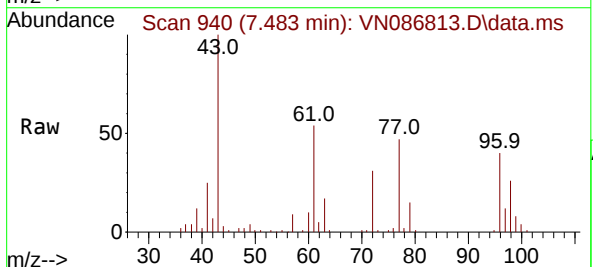
Delta R.T. -0.000 min

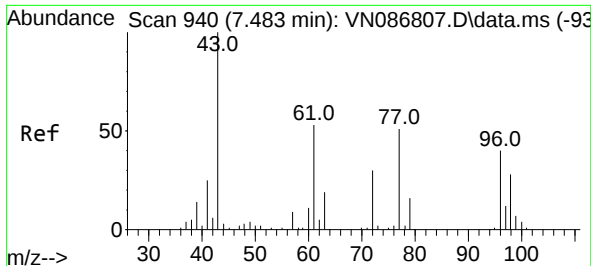
Lab File: VN086813.D

Acq: 29 May 2025 14:04

Tgt Ion: 43 Resp: 140193

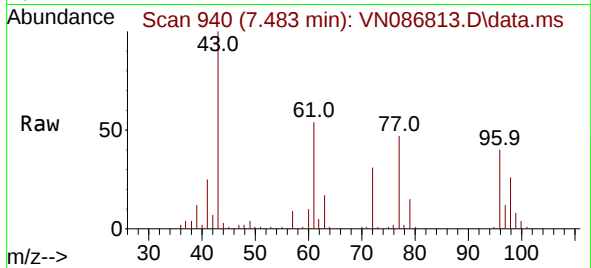
Ion	Ratio	Lower	Upper
43	100		
57	8.8	6.8	10.2
72	30.5	23.4	35.0





#31
2,2-Dichloropropane
Concen: 19.479 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

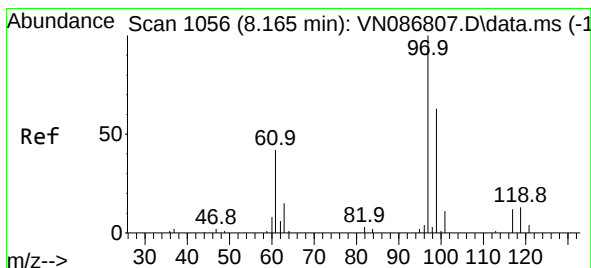
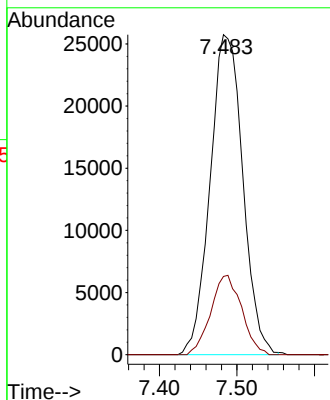
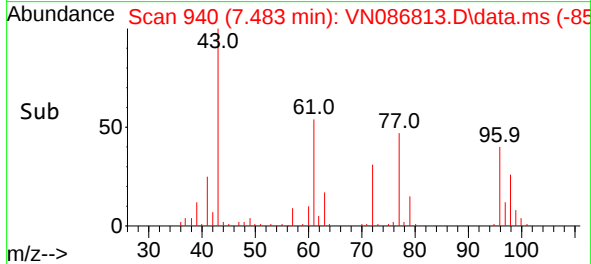
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



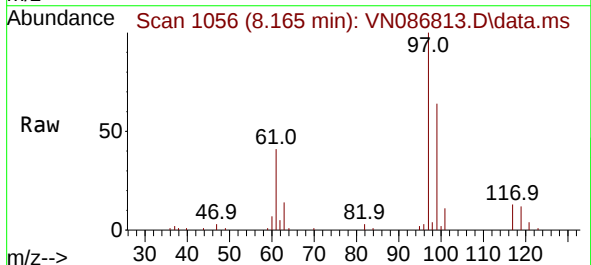
Tgt Ion: 77 Resp: 75540
Ion Ratio Lower Upper
77 100
97 23.4 18.6 27.8

Manual Integrations
APPROVED

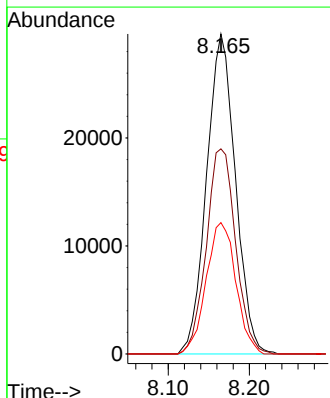
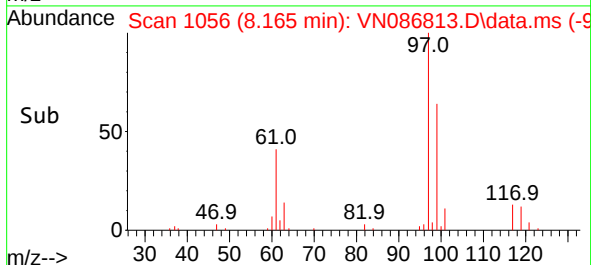
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

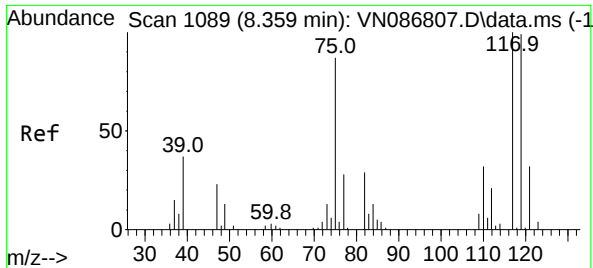


#32
1,1,1-Trichloroethane
Concen: 19.213 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04



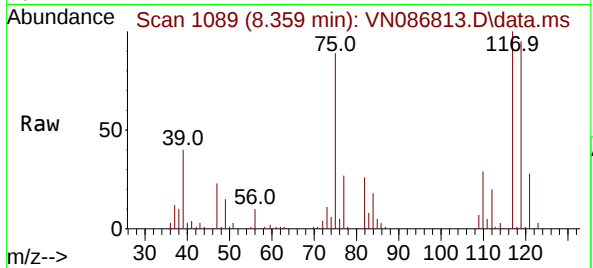
Tgt Ion: 97 Resp: 73176
Ion Ratio Lower Upper
97 100
99 65.2 51.7 77.5
61 42.3 35.4 53.2





#33
Carbon Tetrachloride
Concen: 19.122 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

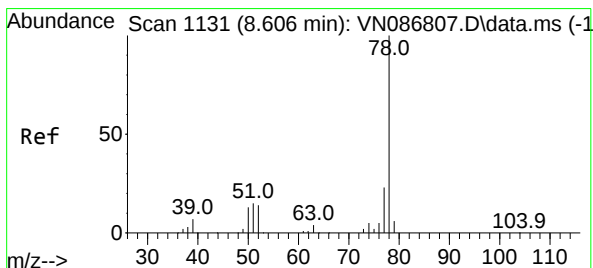
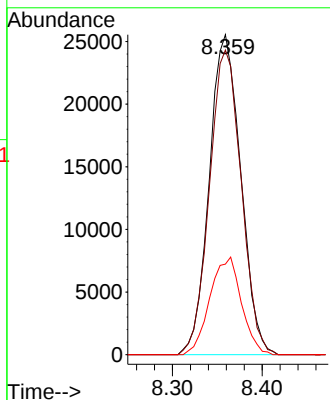
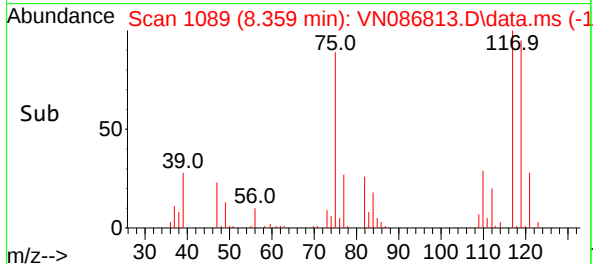
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



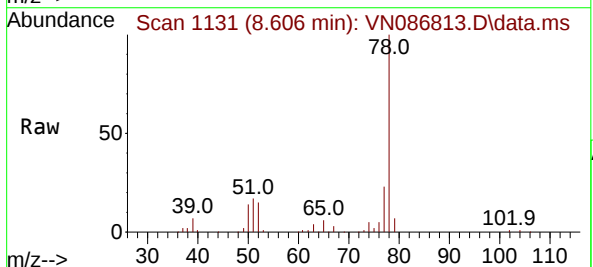
Tgt Ion: 117 Resp: 6225
Ion Ratio Lower Upper
117 100
119 95.2 79.2 118.8
121 28.3 25.6 38.4

Manual Integrations
APPROVED

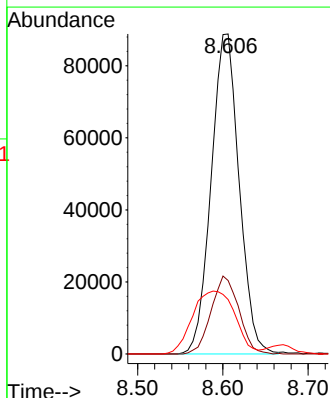
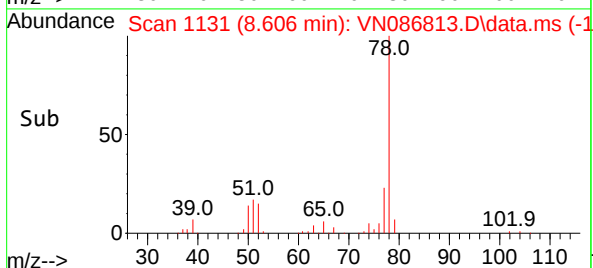
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

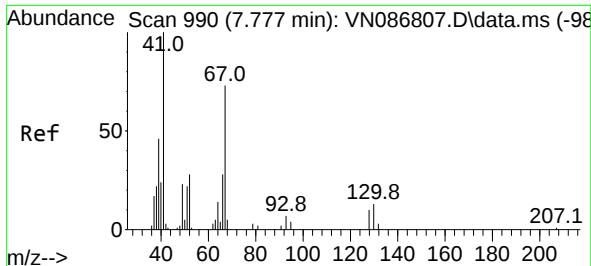


#34
Benzene
Concen: 18.962 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04



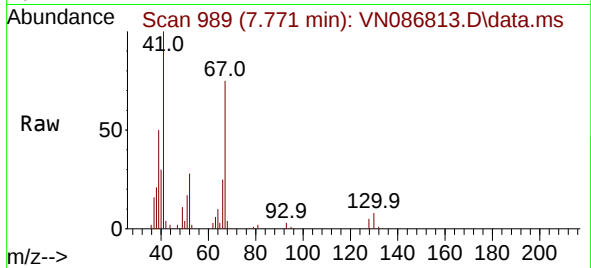
Tgt Ion: 78 Resp: 202715
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.2
51 14.5 11.9 17.9





#35
Methacrylonitrile
Concen: 17.895 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

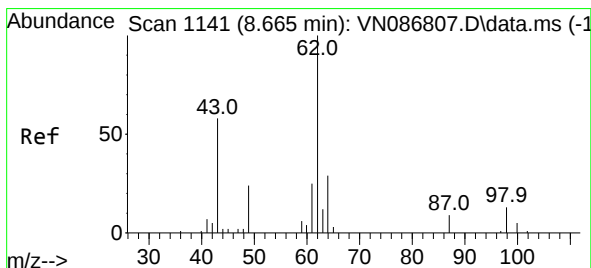
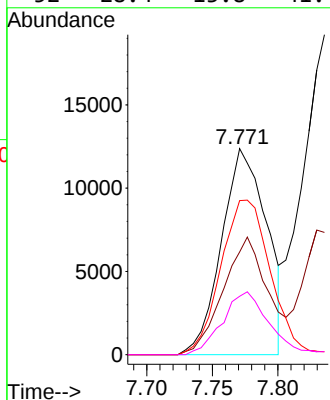
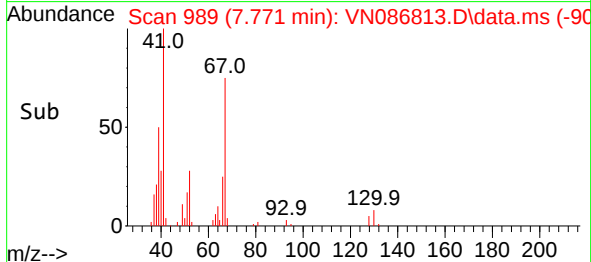
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



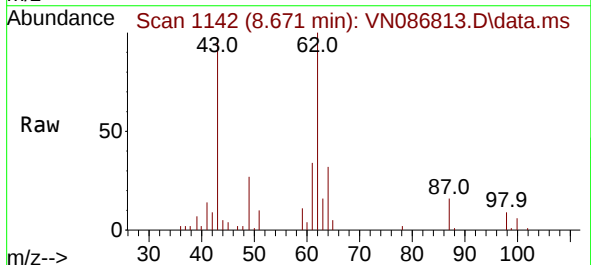
Tgt Ion: 41 Resp: 2959
Ion Ratio Lower Upper
41 100
39 47.3 23.2 69.6
67 74.8 36.5 109.7
52 28.4 13.8 41.4

Manual Integrations
APPROVED

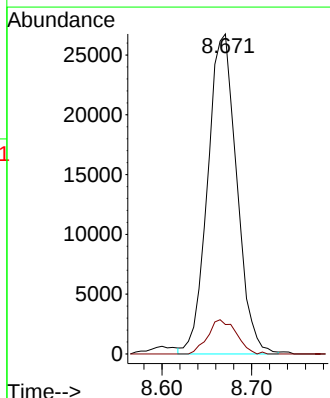
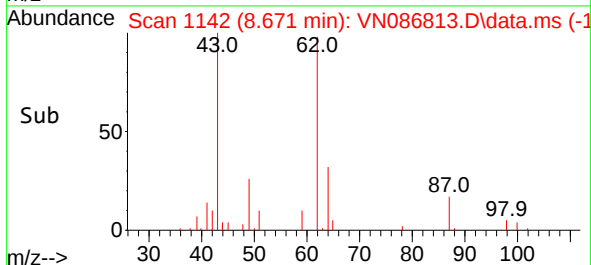
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

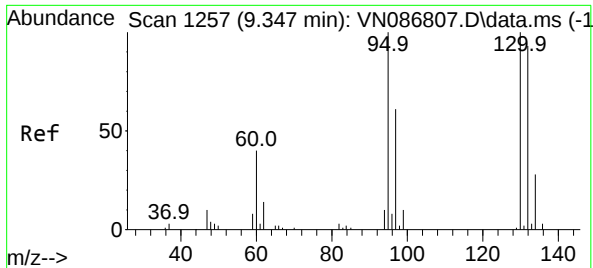


#36
1,2-Dichloroethane
Concen: 19.235 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04



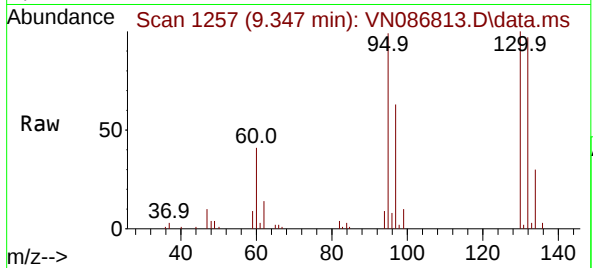
Tgt Ion: 62 Resp: 60257
Ion Ratio Lower Upper
62 100
98 10.4 8.5 12.7





#37
 Trichloroethene
 Concen: 18.339 ug/l
 RT: 9.347 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086813.D
 Acq: 29 May 2025 14:04

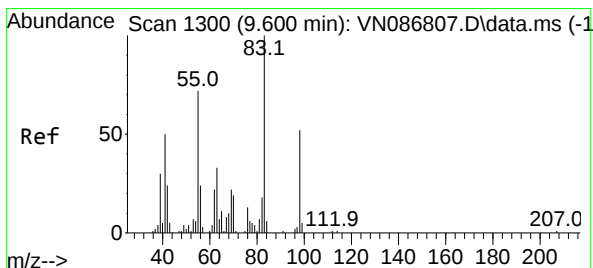
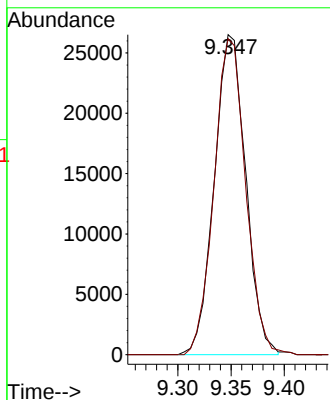
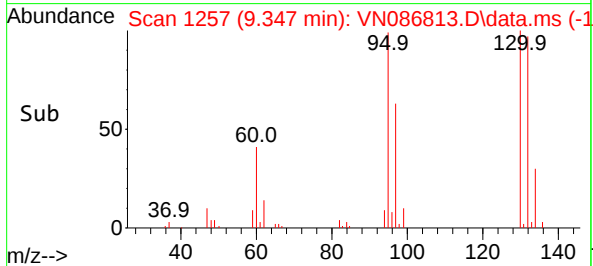
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBS01



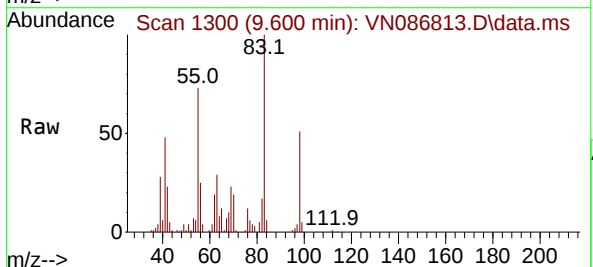
Tgt Ion:130 Resp: 5438
 Ion Ratio Lower Upper
 130 100
 95 98.8 80.3 120.5

Manual Integrations
 APPROVED

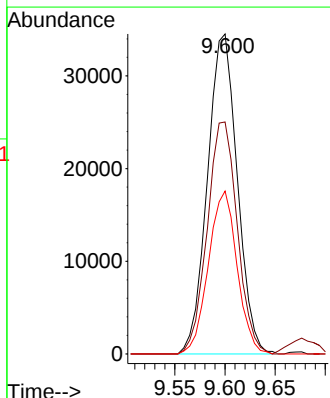
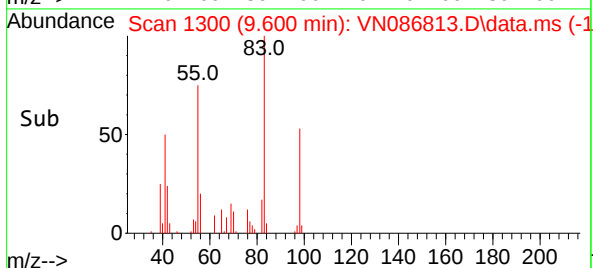
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

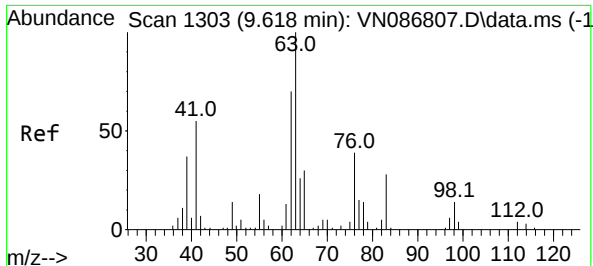


#38
 Methylcyclohexane
 Concen: 19.615 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. -0.000 min
 Lab File: VN086813.D
 Acq: 29 May 2025 14:04



Tgt Ion: 83 Resp: 71507
 Ion Ratio Lower Upper
 83 100
 55 73.0 37.4 112.1
 98 48.9 24.6 73.6





#39

1,2-Dichloropropane

Concen: 18.885 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086813.D

Acq: 29 May 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBS01

Tgt Ion: 63 Resp: 48600

Ion Ratio Lower Upper

63 100

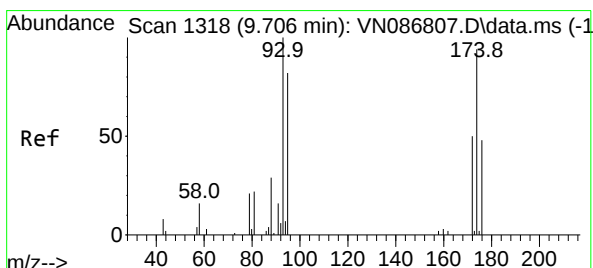
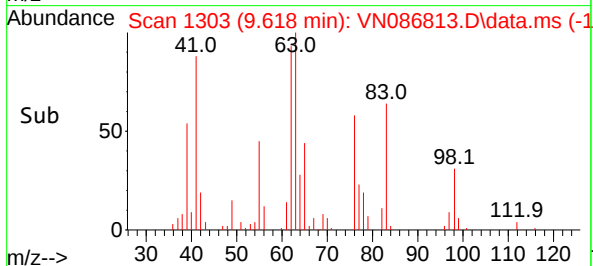
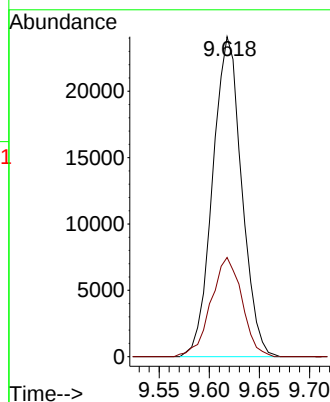
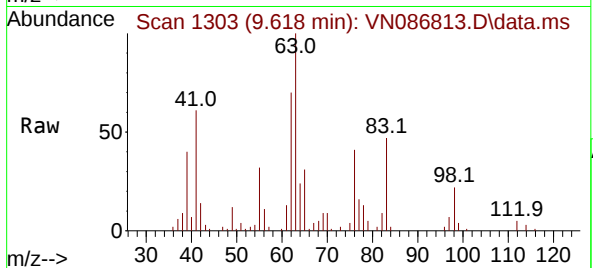
65 31.0 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#40

Dibromomethane

Concen: 19.441 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086813.D

Acq: 29 May 2025 14:04

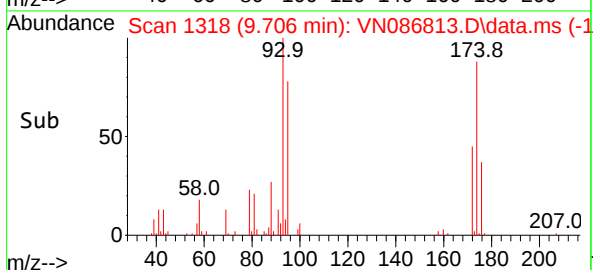
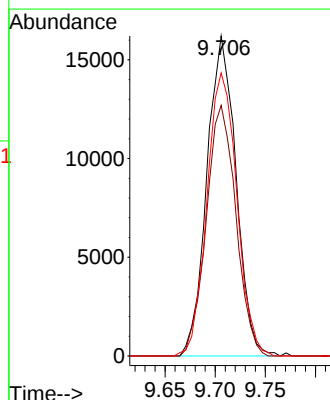
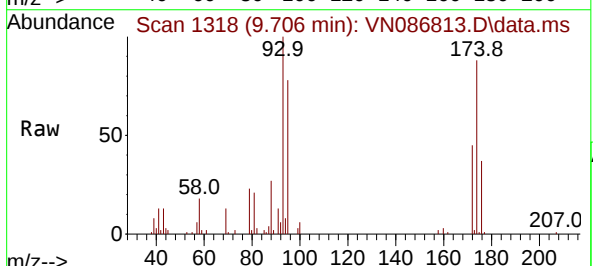
Tgt Ion: 93 Resp: 32726

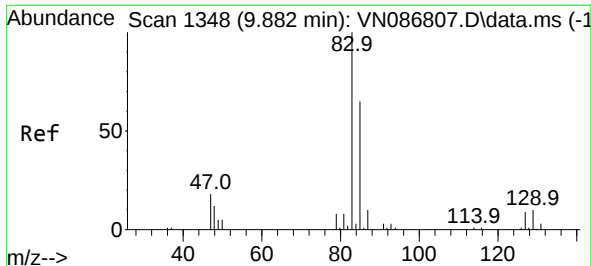
Ion Ratio Lower Upper

93 100

95 79.8 0.0 166.4

174 91.0 0.0 181.8





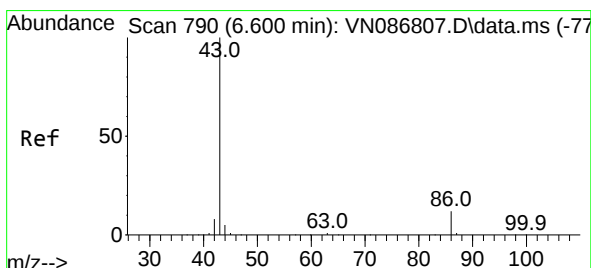
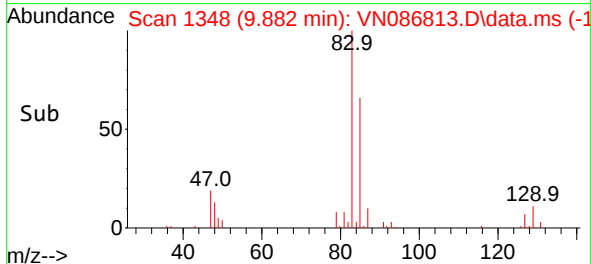
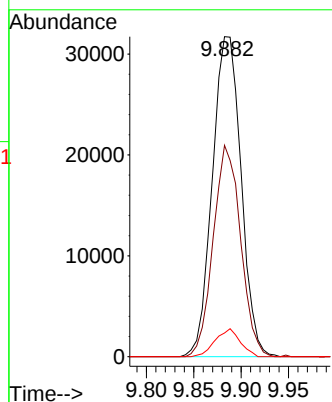
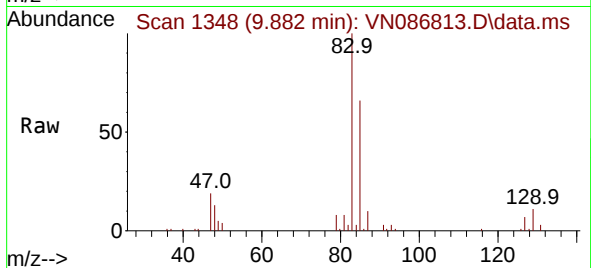
#41
Bromodichloromethane
Concen: 19.022 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Tgt Ion: 83 Resp: 67020
Ion Ratio Lower Upper
83 100
85 66.1 51.8 77.8
127 7.4 6.8 10.2

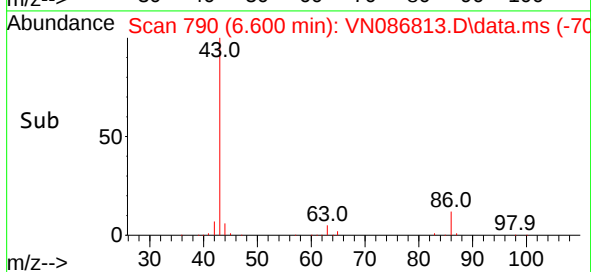
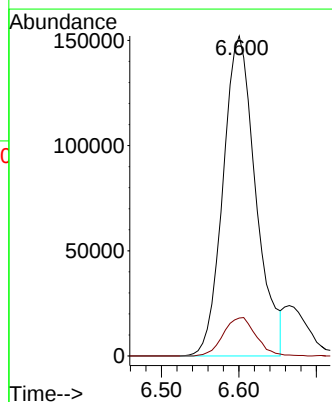
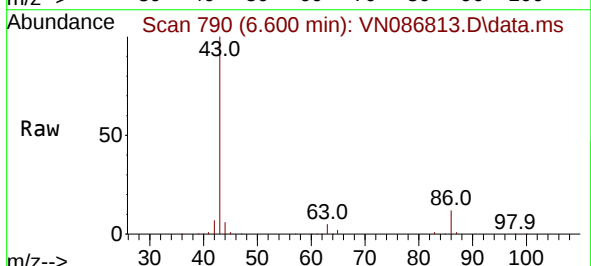
Manual Integrations
APPROVED

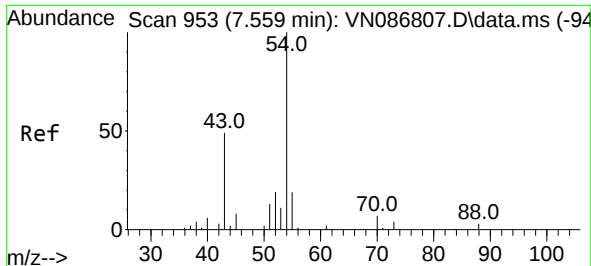
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#42
Vinyl Acetate
Concen: 106.624 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 43 Resp: 447425
Ion Ratio Lower Upper
43 100
86 12.0 9.5 14.3





#43

Ethyl Acetate

Concen: 19.221 ug/l m

RT: 7.553 min Scan# 9

Delta R.T. -0.006 min

Lab File: VN086813.D

Acq: 29 May 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBS01

Tgt Ion: 43 Resp: 56619

Ion Ratio Lower Upper

43 100

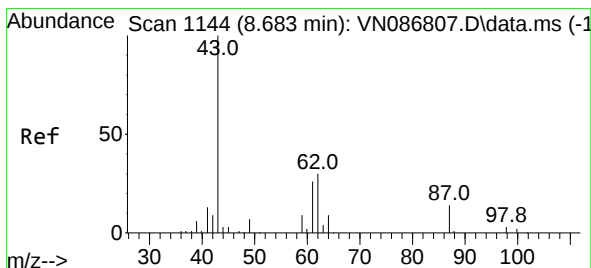
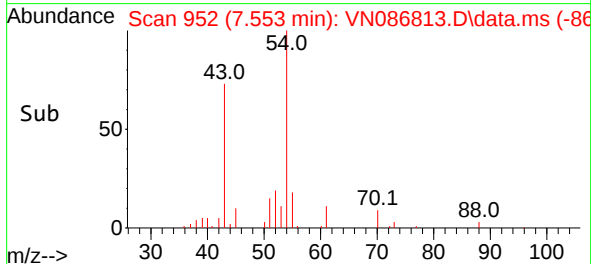
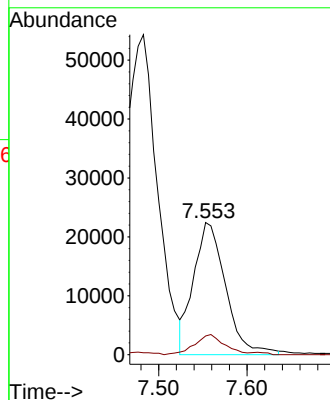
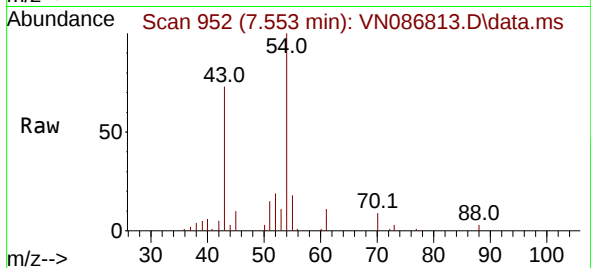
45 14.1 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#44

Isopropyl Acetate

Concen: 18.873 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086813.D

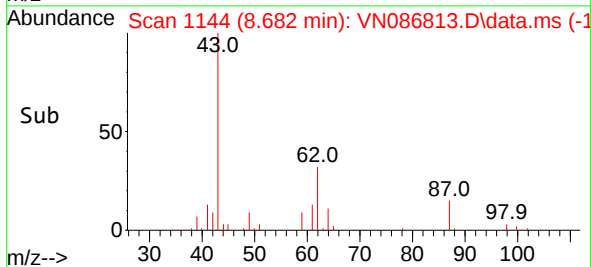
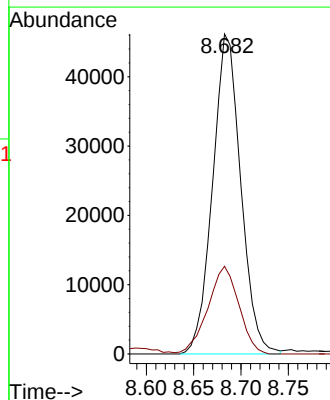
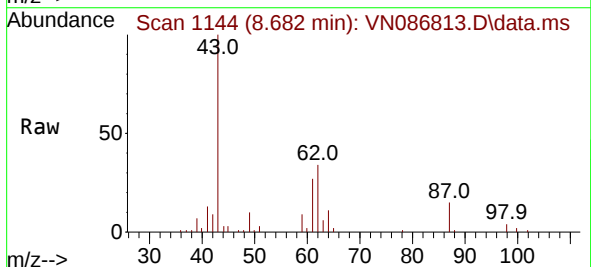
Acq: 29 May 2025 14:04

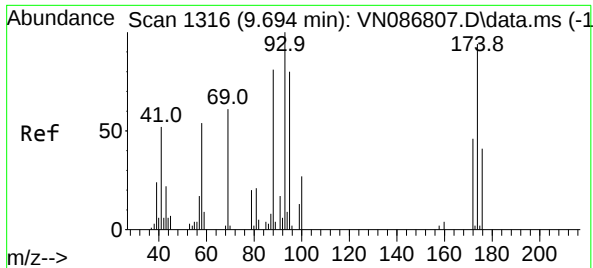
Tgt Ion: 43 Resp: 95370

Ion Ratio Lower Upper

43 100

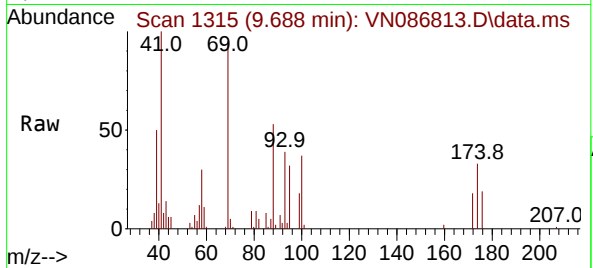
61 30.1 23.8 35.6





#45
1,4-Dioxane
Concen: 383.443 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

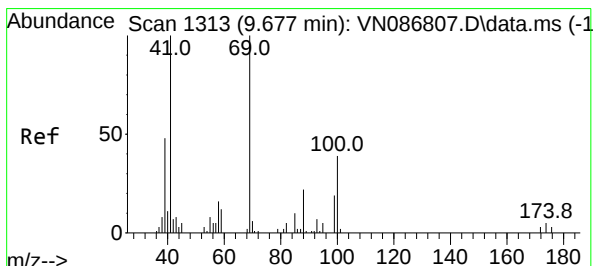
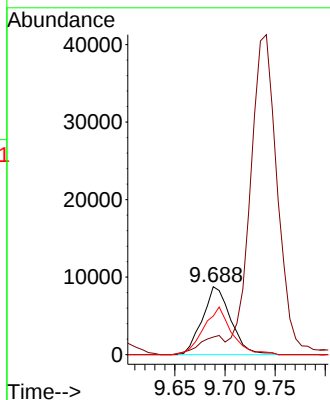
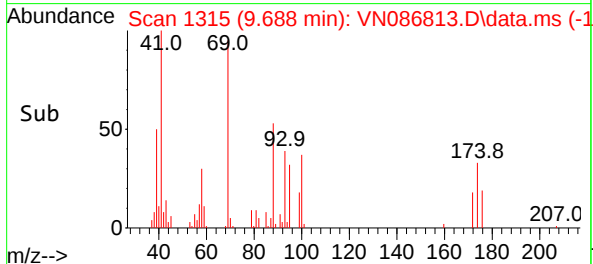
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



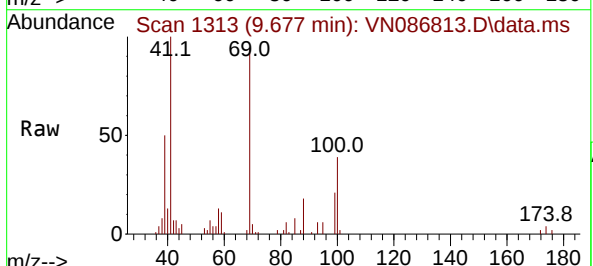
Tgt Ion: 88 Resp: 1722
Ion Ratio Lower Upper
88 100
43 24.7 23.0 34.6
58 67.7 57.6 86.4

Manual Integrations
APPROVED

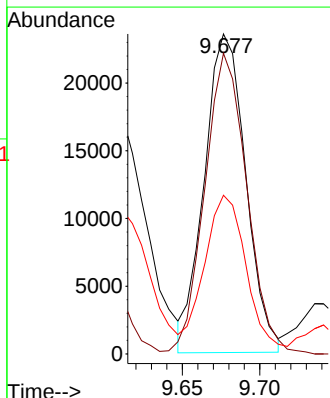
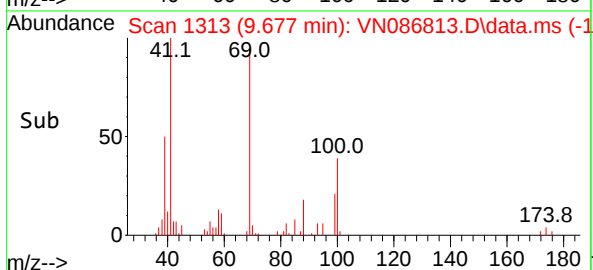
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

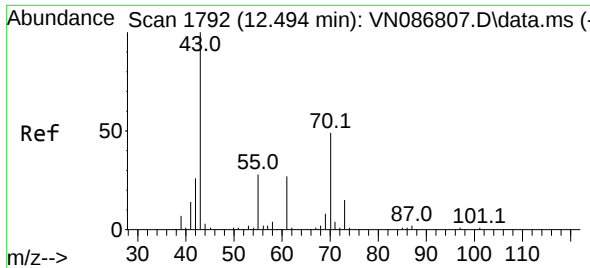


#46
Methyl methacrylate
Concen: 18.794 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04



Tgt Ion: 41 Resp: 43790
Ion Ratio Lower Upper
41 100
69 94.7 48.0 144.2
39 48.9 23.8 71.2





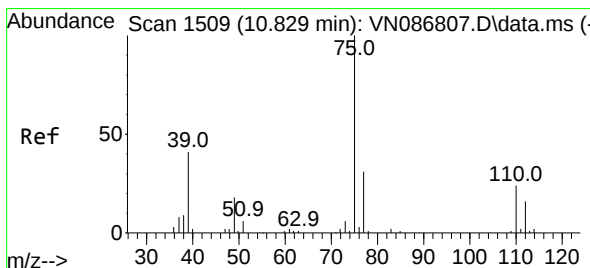
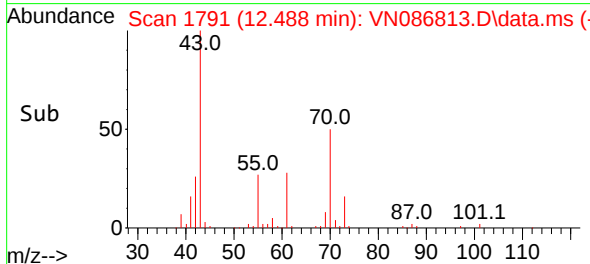
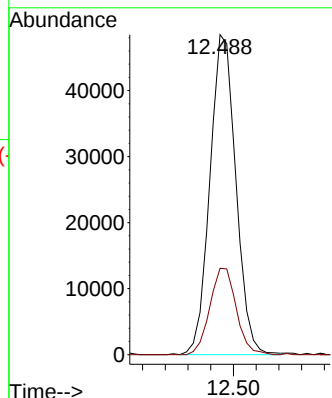
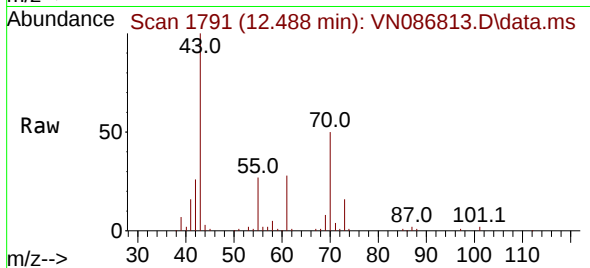
#47
n-amy1 Acetate
Concen: 18.972 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Tgt Ion: 43 Resp: 7696
Ion Ratio Lower Upper
43 100
55 27.4 21.7 32.5

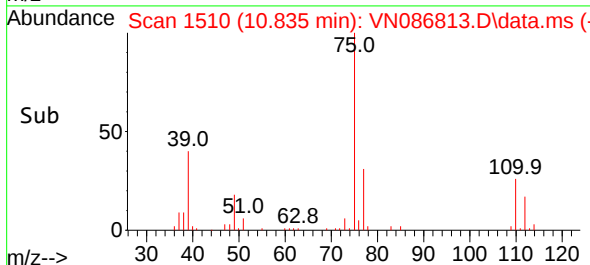
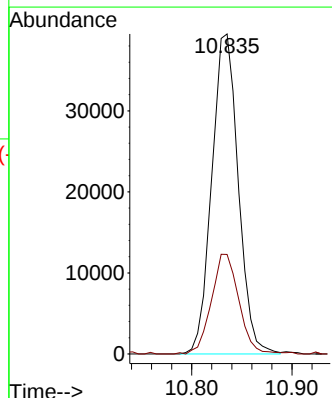
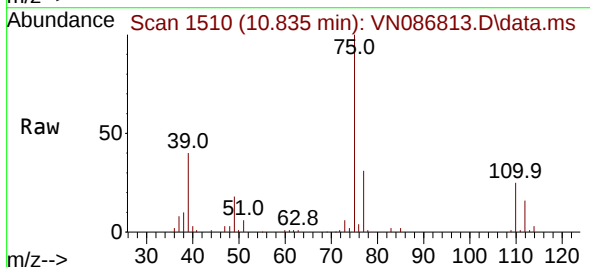
Manual Integrations
APPROVED

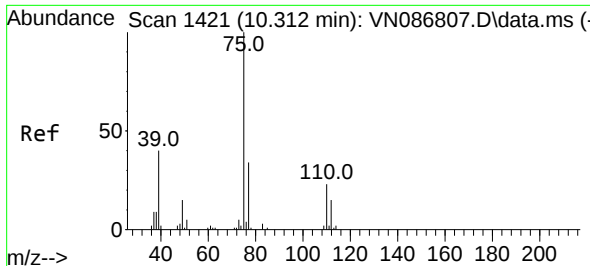
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48
t-1,3-Dichloropropene
Concen: 19.235 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 75 Resp: 72529
Ion Ratio Lower Upper
75 100
77 30.7 25.1 37.7





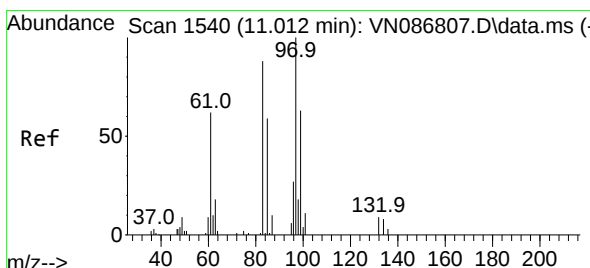
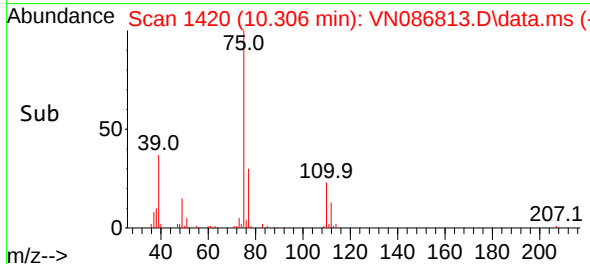
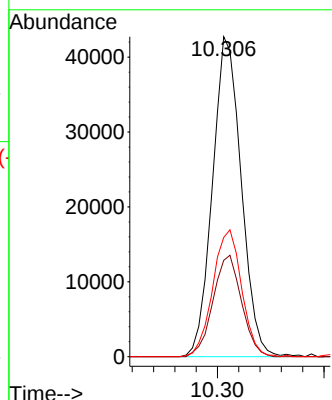
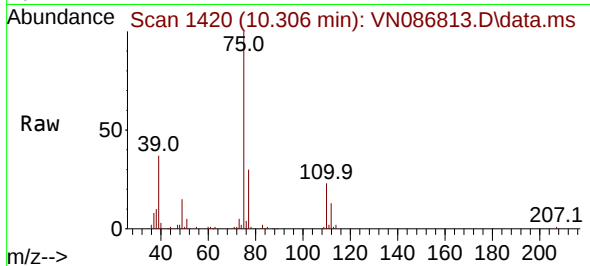
#49
cis-1,3-Dichloropropene
Concen: 19.253 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Tgt Ion: 75 Resp: 7985
Ion Ratio Lower Upper
75 100
77 30.1 26.9 40.3
39 37.3 31.8 47.6

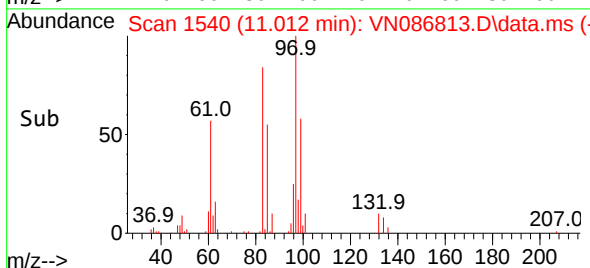
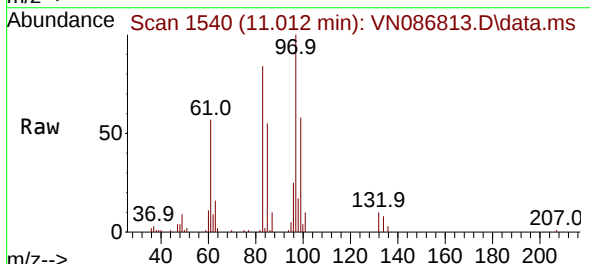
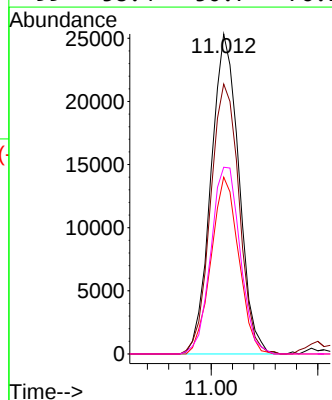
Manual Integrations
APPROVED

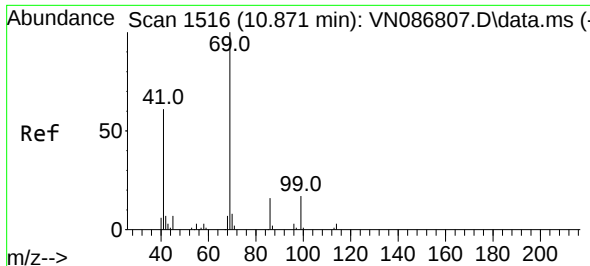
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#50
1,1,2-Trichloroethane
Concen: 19.459 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

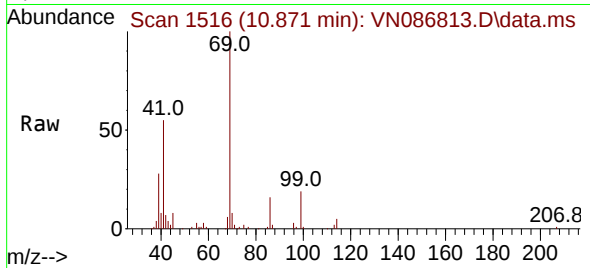
Tgt Ion: 97 Resp: 46134
Ion Ratio Lower Upper
97 100
83 84.3 70.6 105.8
85 55.3 46.8 70.2
99 58.4 50.7 76.1





#51
Ethyl methacrylate
Concen: 18.800 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

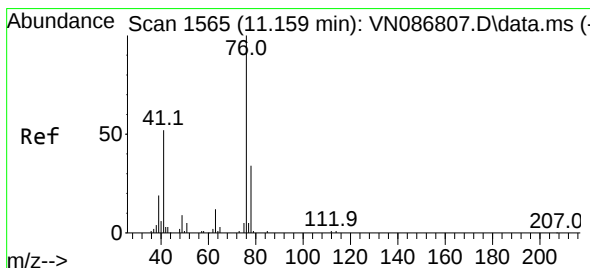
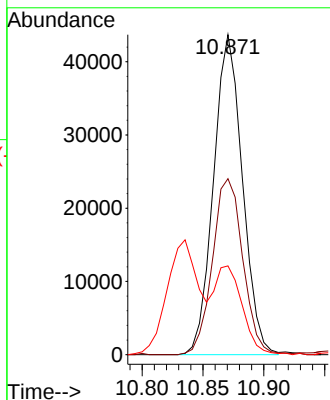
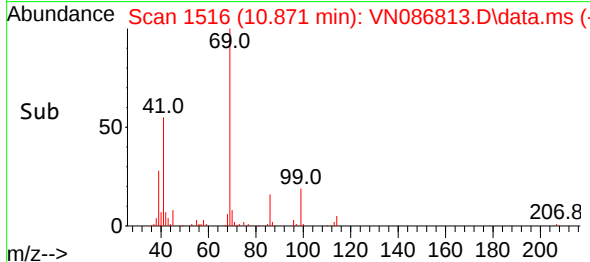
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



Tgt Ion: 69 Resp: 7218
Ion Ratio Lower Upper
69 100
41 55.0 30.5 91.5
39 27.4 14.3 42.9

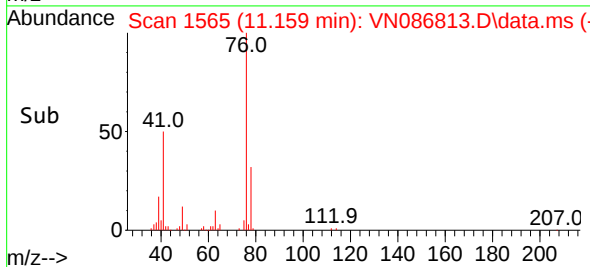
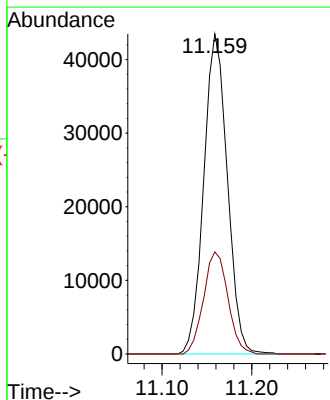
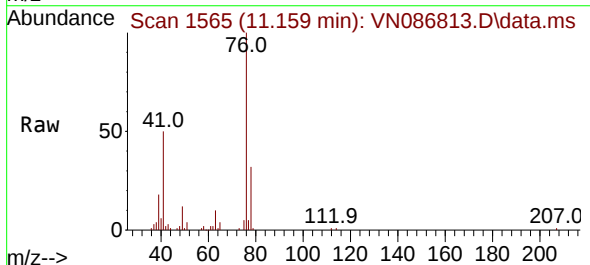
Manual Integrations
APPROVED

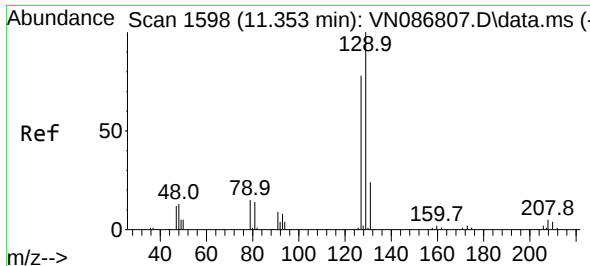
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#52
1,3-Dichloropropane
Concen: 18.836 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

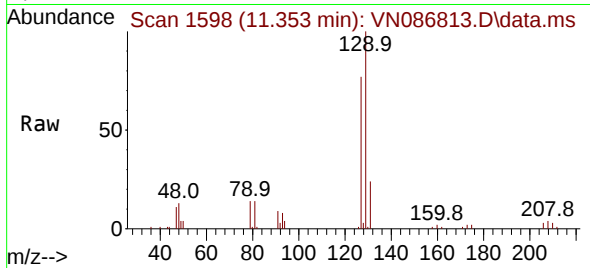
Tgt Ion: 76 Resp: 79252
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.6





#53
Dibromochloromethane
Concen: 18.549 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

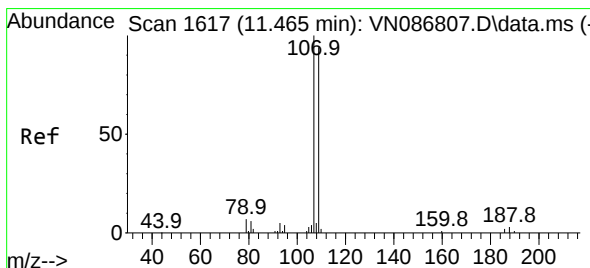
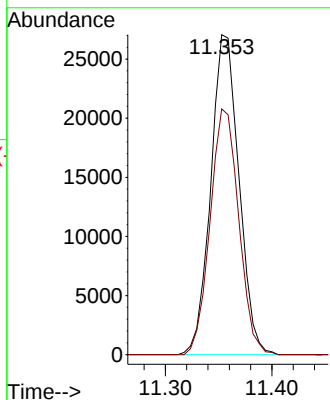
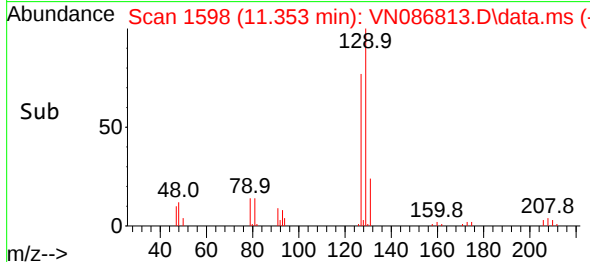
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



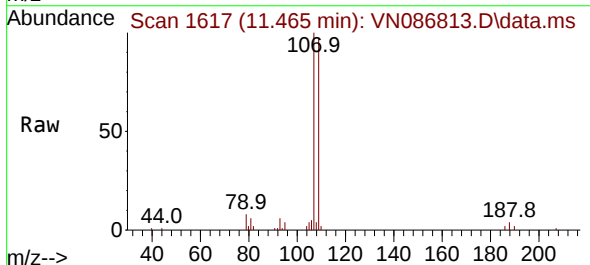
Tgt Ion:129 Resp: 4969
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3

Manual Integrations
APPROVED

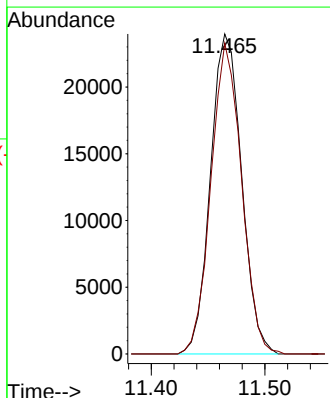
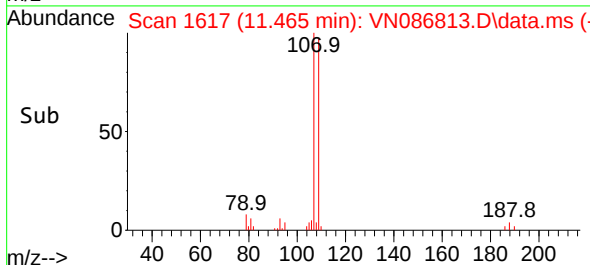
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

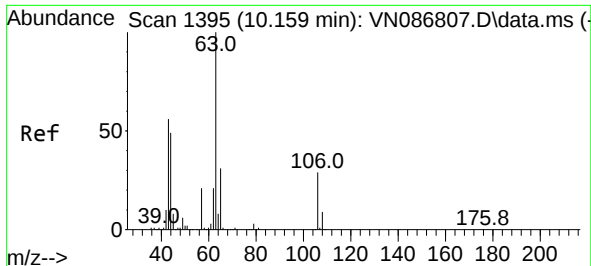


#54
1,2-Dibromoethane
Concen: 18.840 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04



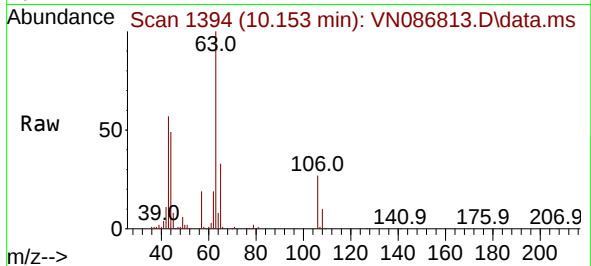
Tgt Ion:107 Resp: 45658
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 95.504 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

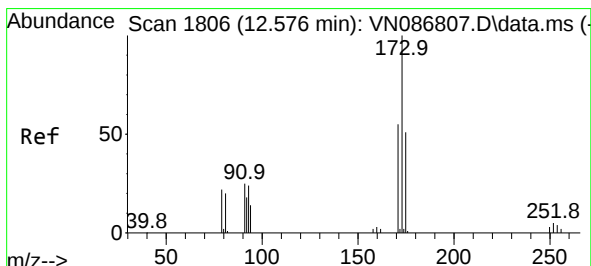
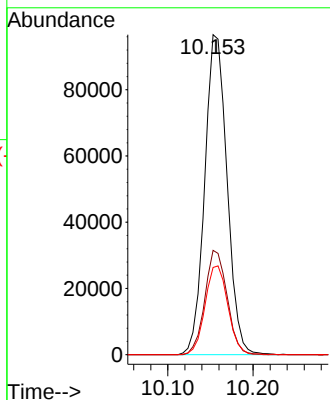
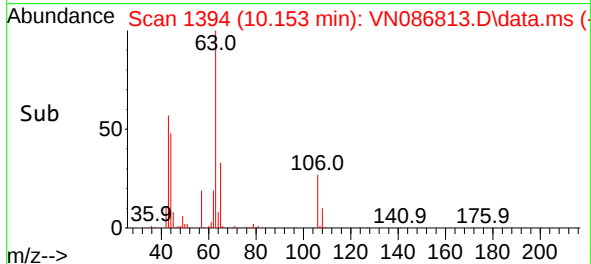
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



Tgt Ion: 63 Resp: 176024
Ion Ratio Lower Upper
63 100
65 32.4 25.7 38.5
106 28.3 22.7 34.1

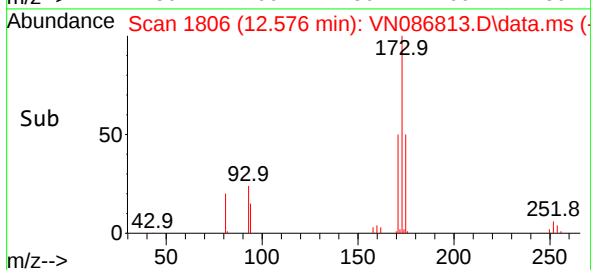
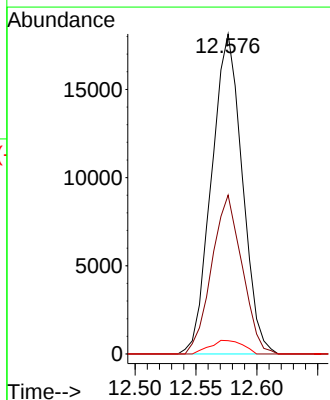
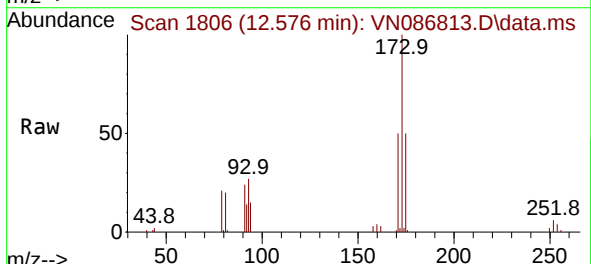
Manual Integrations
APPROVED

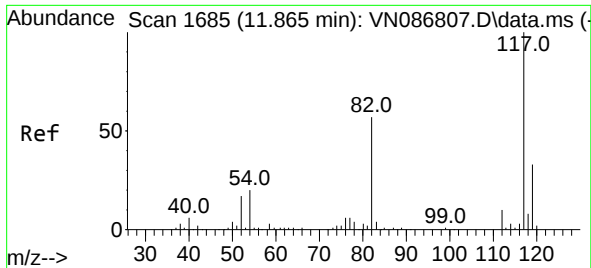
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
Bromoform
Concen: 18.865 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:173 Resp: 31845
Ion Ratio Lower Upper
173 100
175 49.2 39.7 59.5
254 4.6 3.5 5.3





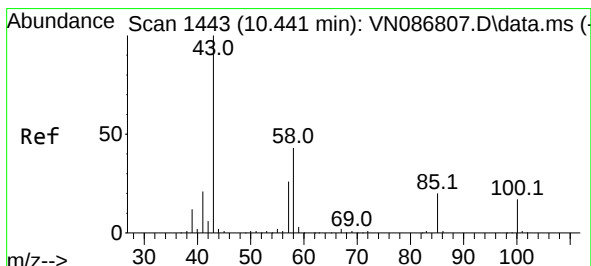
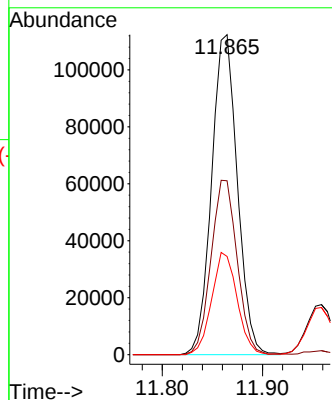
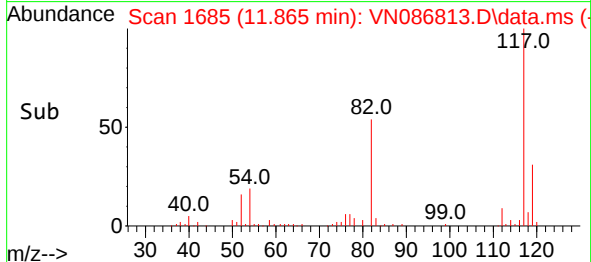
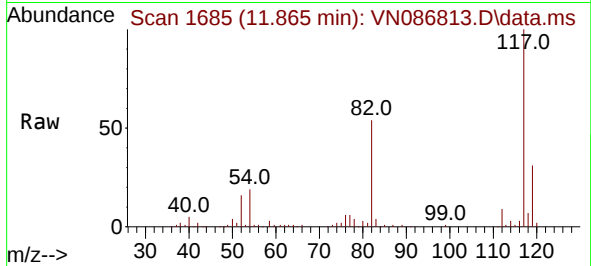
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Tgt Ion:117 Resp: 200810
Ion Ratio Lower Upper
117 100
82 55.3 44.7 67.1
119 31.5 25.6 38.4

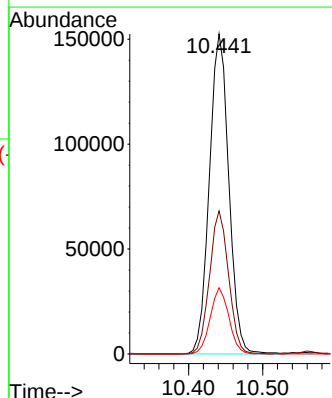
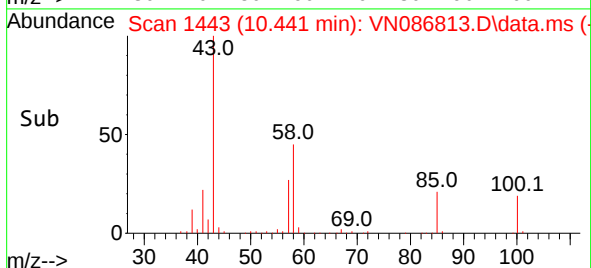
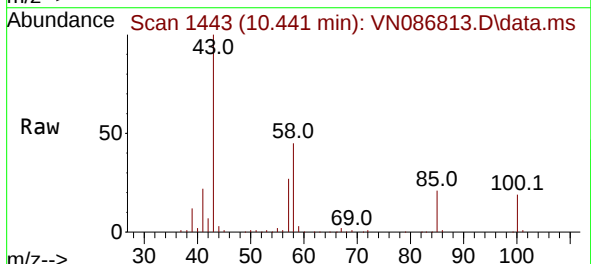
Manual Integrations
APPROVED

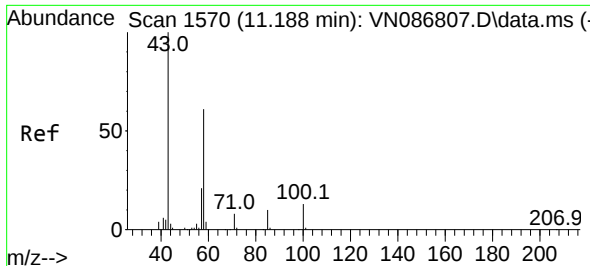
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#58
4-Methyl-2-Pentanone
Concen: 94.450 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

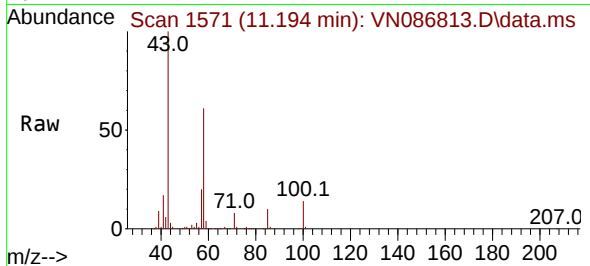
Tgt Ion: 43 Resp: 278301
Ion Ratio Lower Upper
43 100
58 43.8 34.5 51.7
85 19.7 15.8 23.8





#59
2-Hexanone
Concen: 96.059 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

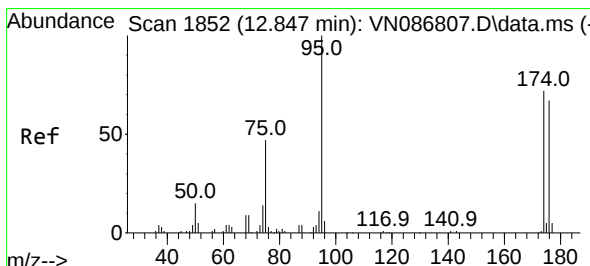
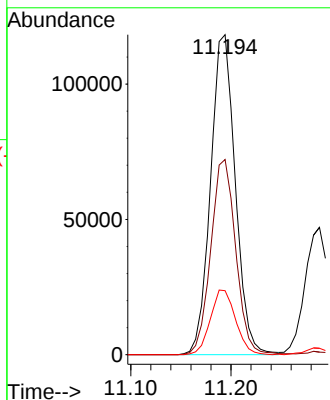
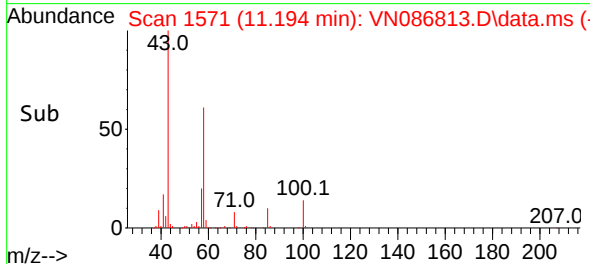
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



Tgt Ion: 43 Resp: 202749
Ion Ratio Lower Upper
43 100
58 61.6 49.1 73.7
57 20.6 16.6 25.0

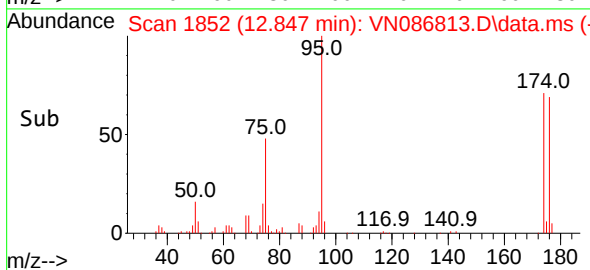
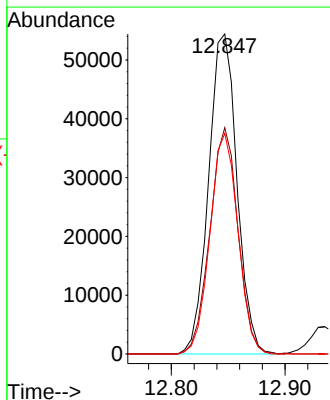
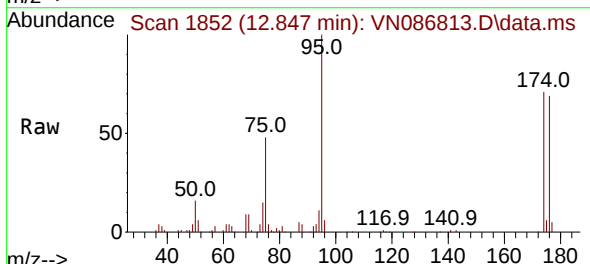
Manual Integrations
APPROVED

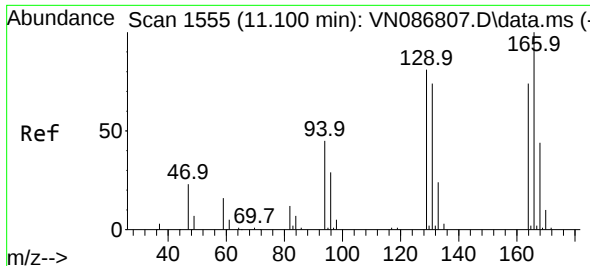
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#60
4-Bromofluorobenzene
Concen: 29.997 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

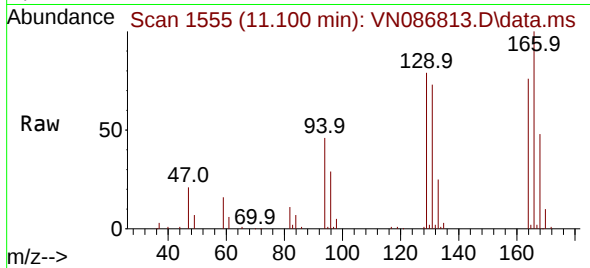
Tgt Ion: 95 Resp: 94574
Ion Ratio Lower Upper
95 100
174 69.9 56.2 84.4
176 67.8 53.4 80.0





#61
Tetrachloroethene
Concen: 18.470 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

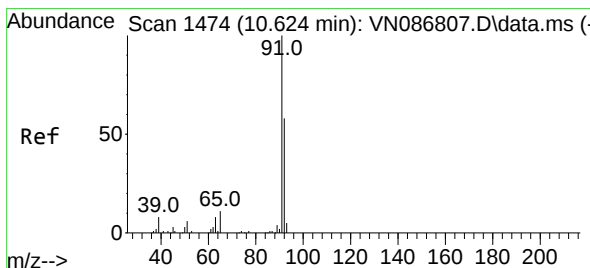
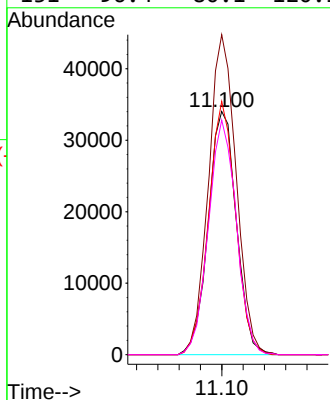
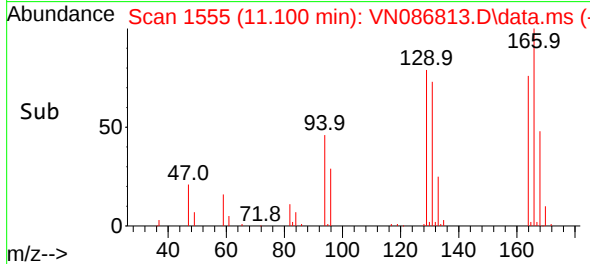
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



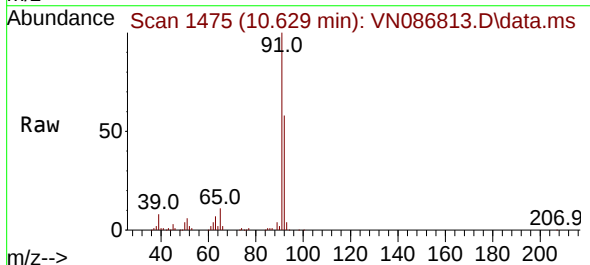
Tgt Ion:164 Resp: 62340
Ion Ratio Lower Upper
164 100
166 131.5 107.5 161.3
129 104.1 87.4 131.2
131 96.4 80.1 120.1

Manual Integrations
APPROVED

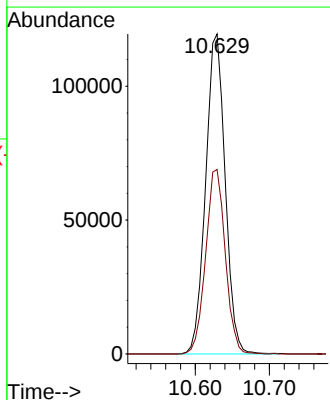
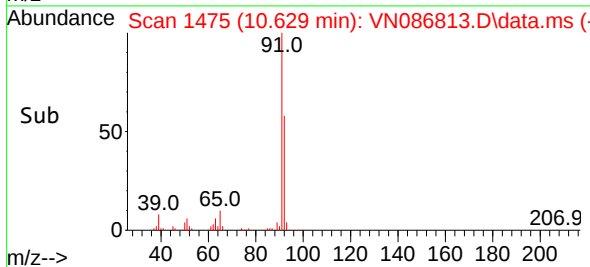
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

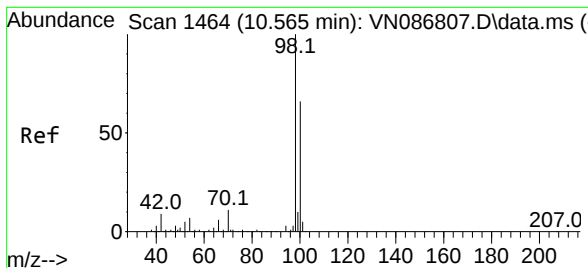


#62
Toluene
Concen: 19.327 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04



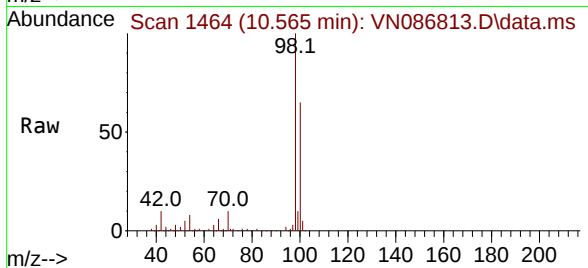
Tgt Ion: 91 Resp: 218581
Ion Ratio Lower Upper
91 100
92 58.0 46.6 70.0





#63
Toluene-d8
Concen: 29.935 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

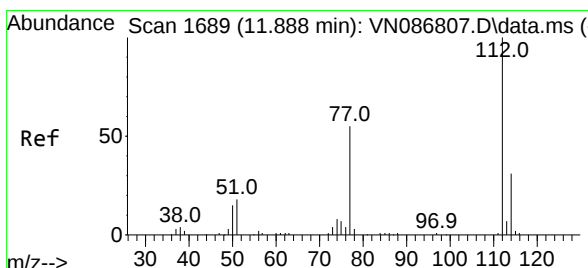
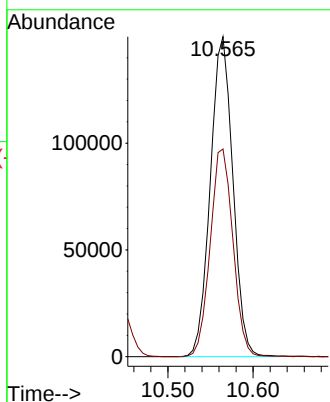
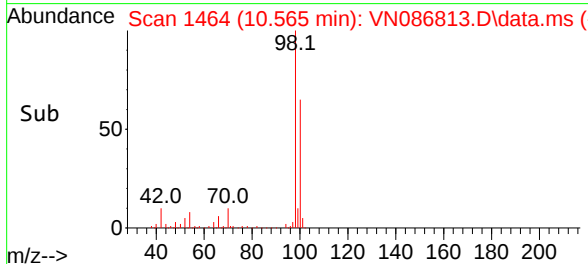
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



Tgt Ion: 98 Resp: 275908
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

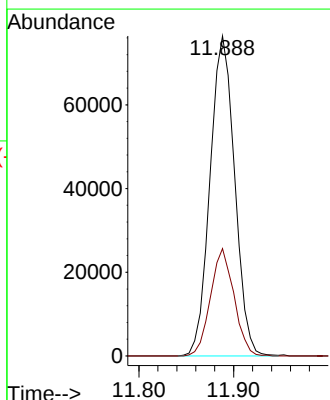
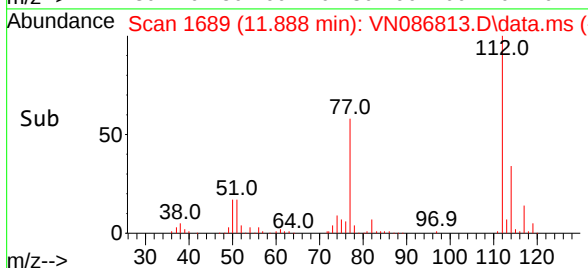
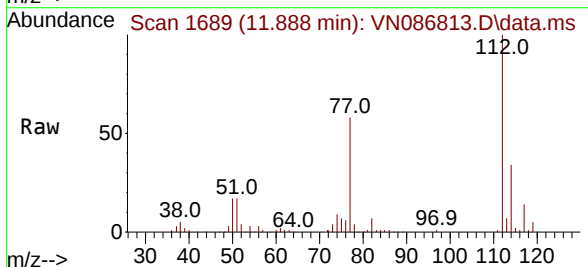
Manual Integrations
APPROVED

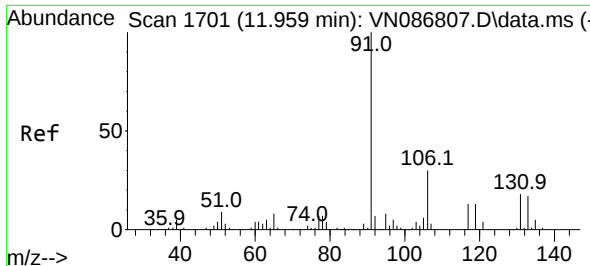
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#64
Chlorobenzene
Concen: 19.167 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

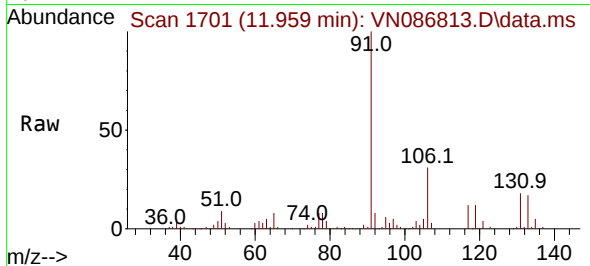
Tgt Ion:112 Resp: 138241
Ion Ratio Lower Upper
112 100
114 33.6 25.1 37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 19.357 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

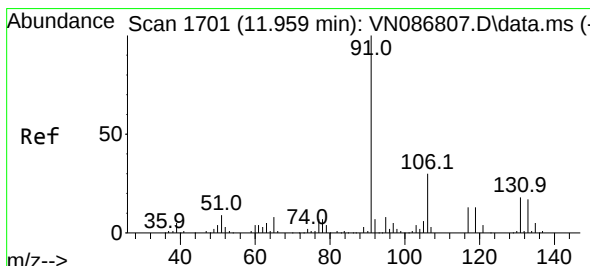
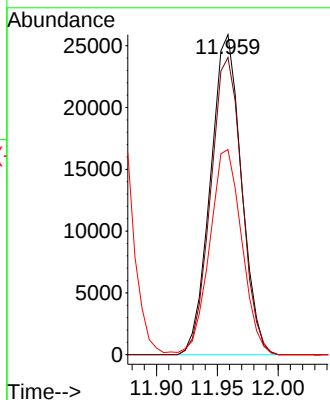
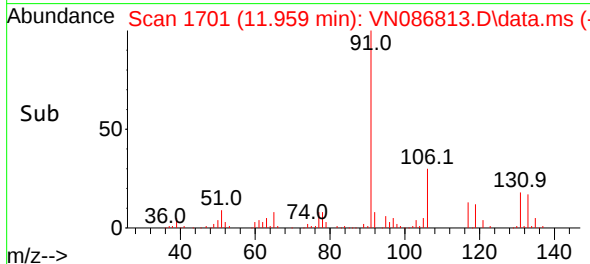
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



Tgt Ion:131 Resp: 4586
Ion Ratio Lower Upper
131 100
133 93.8 0.0 191.0
119 66.3 0.0 140.8

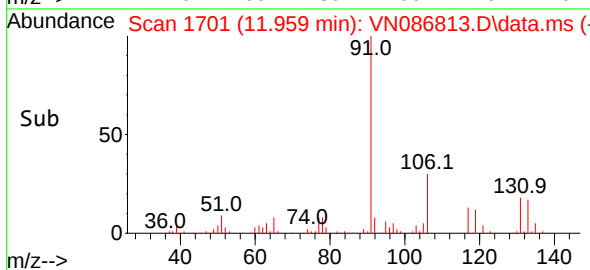
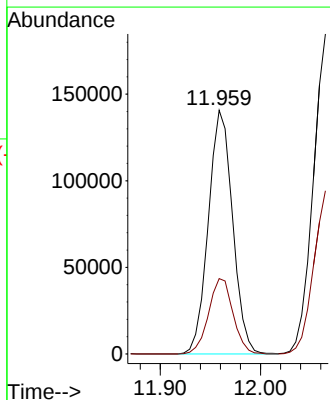
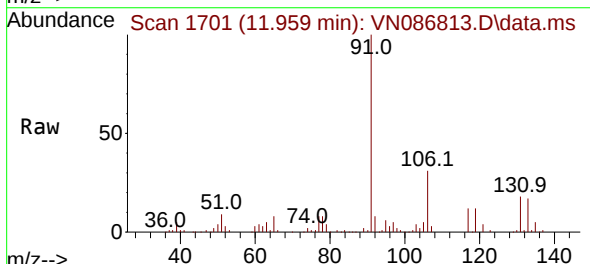
Manual Integrations
APPROVED

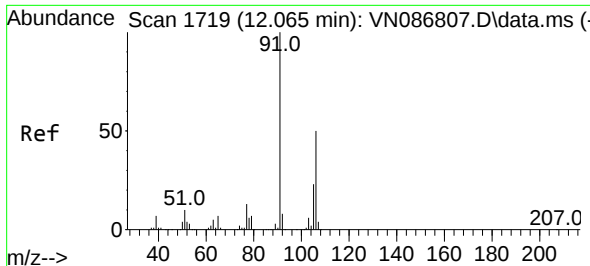
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#66
Ethyl Benzene
Concen: 19.318 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 91 Resp: 236314
Ion Ratio Lower Upper
91 100
106 30.9 23.6 35.4





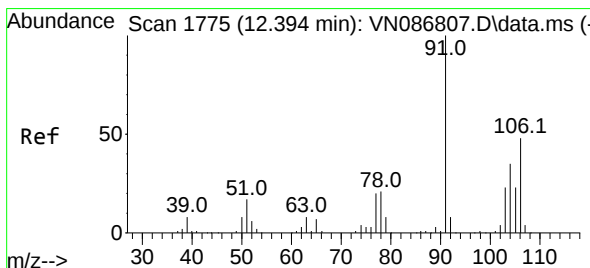
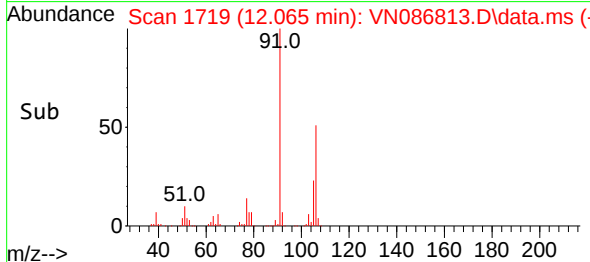
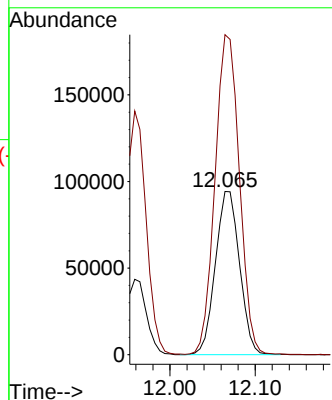
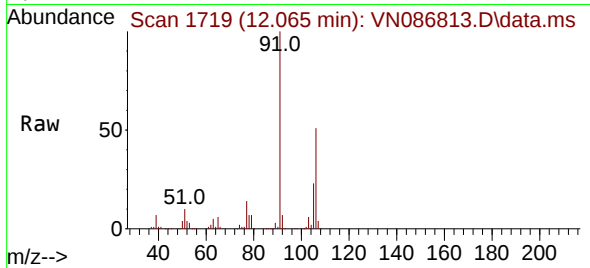
#67
m/p-Xylenes
Concen: 38.671 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Tgt Ion:106 Resp: 185632
Ion Ratio Lower Upper
106 100
91 198.0 160.7 241.1

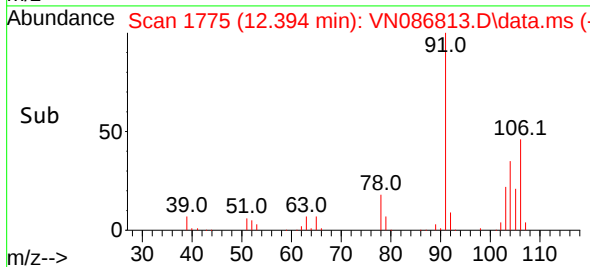
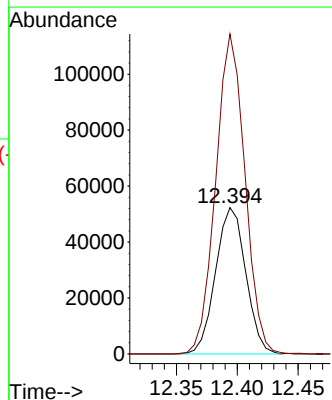
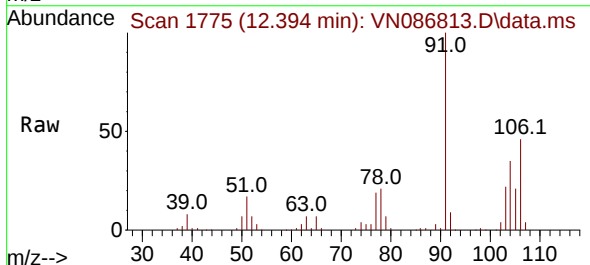
Manual Integrations
APPROVED

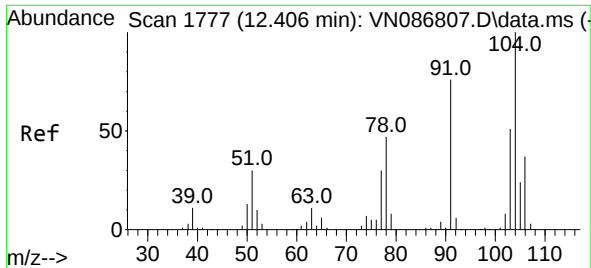
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#68
o-Xylene
Concen: 19.413 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

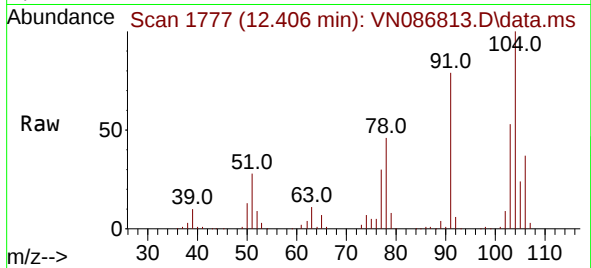
Tgt Ion:106 Resp: 90311
Ion Ratio Lower Upper
106 100
91 211.6 106.3 318.9





#69
Styrene
Concen: 19.332 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

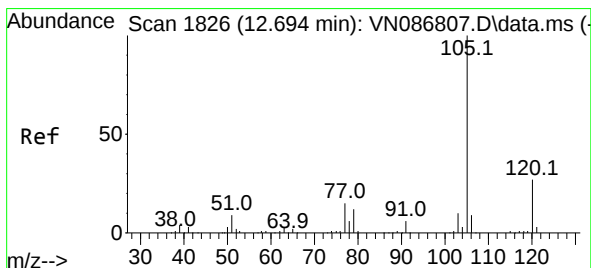
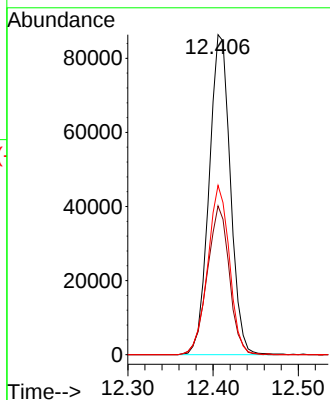
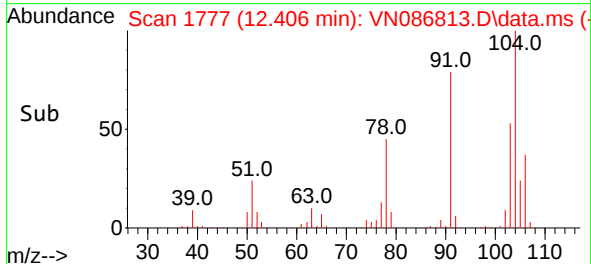
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



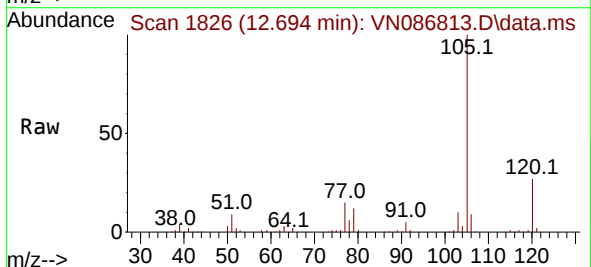
Tgt Ion:104 Resp: 149839
Ion Ratio Lower Upper
104 100
78 48.1 38.6 57.8
103 53.9 43.2 64.8

Manual Integrations
APPROVED

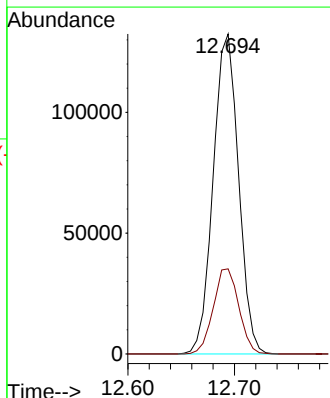
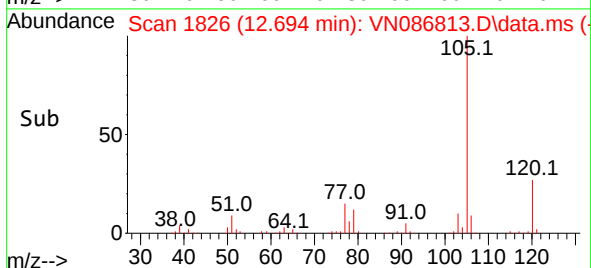
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

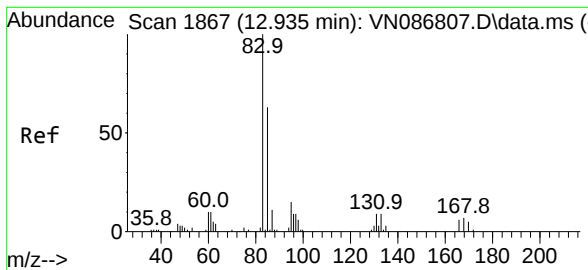


#70
Isopropylbenzene
Concen: 19.739 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04



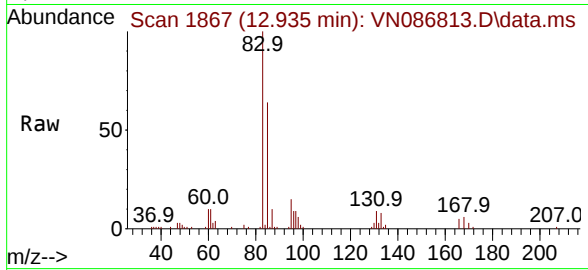
Tgt Ion:105 Resp: 218406
Ion Ratio Lower Upper
105 100
120 26.8 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.095 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

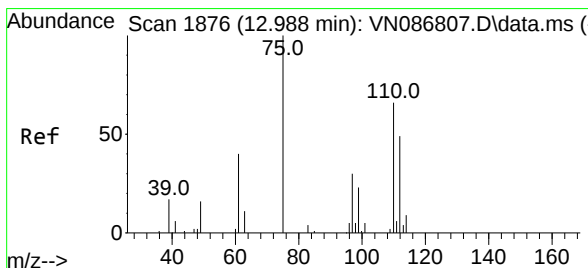
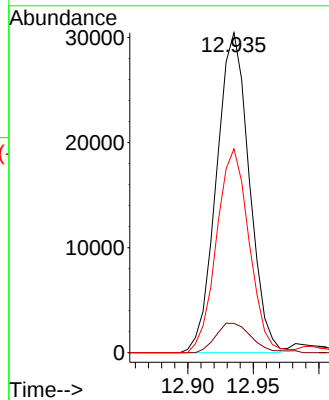
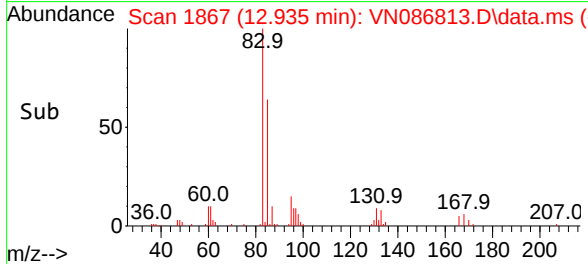
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



Tgt Ion: 83 Resp: 52864
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 63.4 32.6 97.7

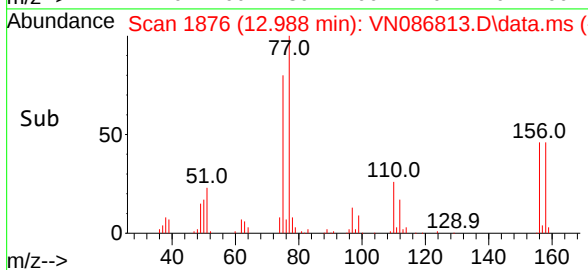
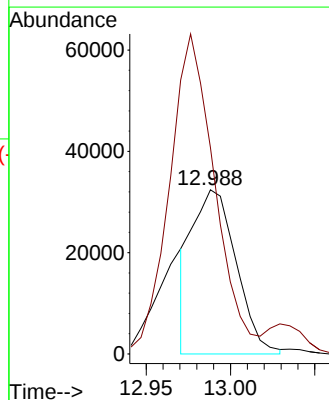
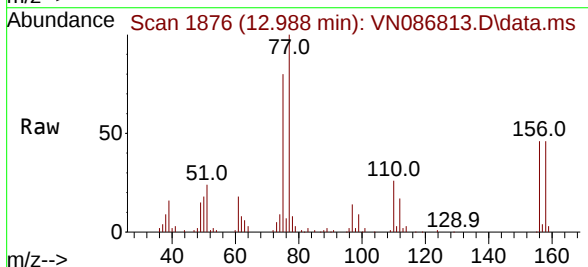
Manual Integrations
APPROVED

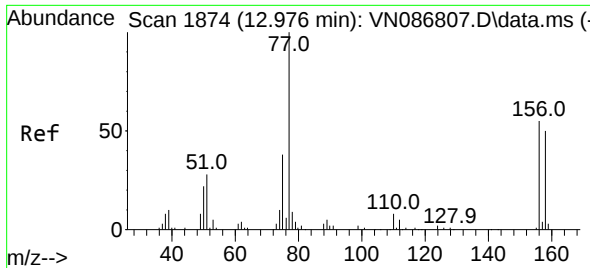
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#72
1,2,3-Trichloropropane
Concen: 19.057 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

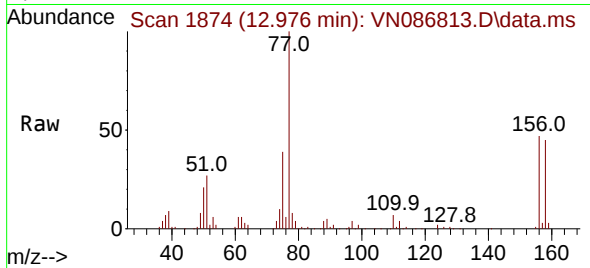
Tgt Ion: 75 Resp: 58756
Ion Ratio Lower Upper
75 100
77 201.8 0.0 390.6





#73
Bromobenzene
Concen: 18.900 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

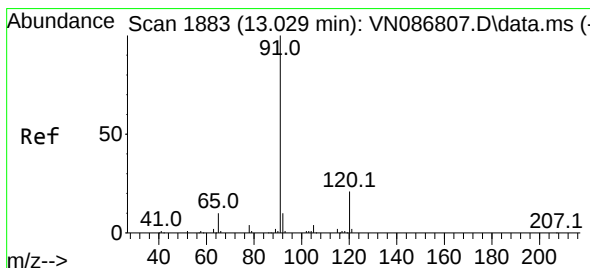
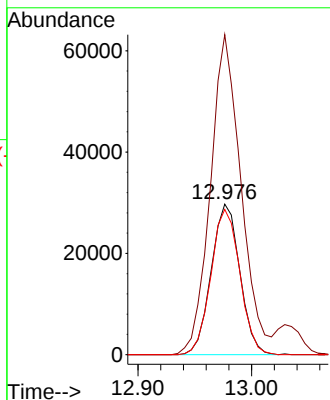
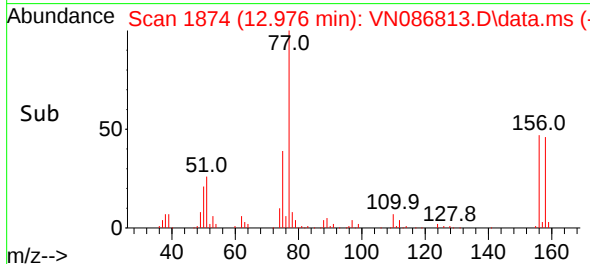
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



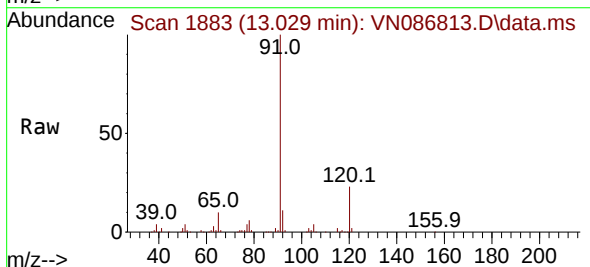
Tgt Ion:156 Resp: 51978
Ion Ratio Lower Upper
156 100
77 228.1 0.0 442.0
158 97.7 0.0 191.8

Manual Integrations
APPROVED

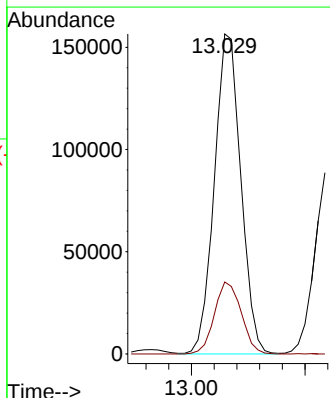
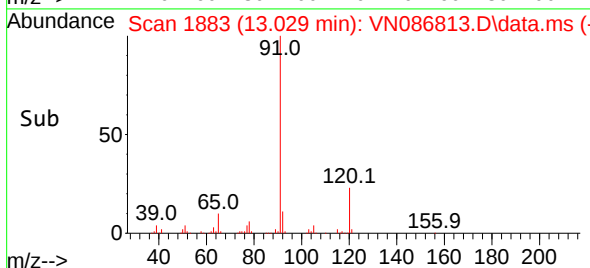
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

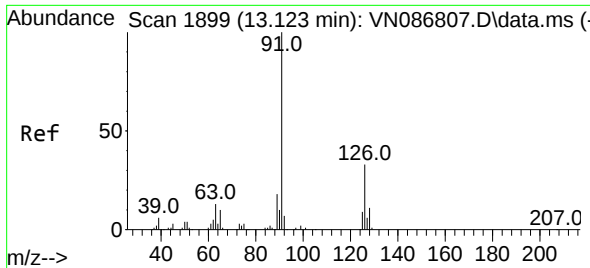


#74
n-propylbenzene
Concen: 19.359 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04



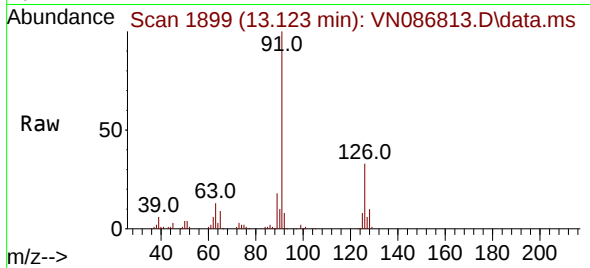
Tgt Ion: 91 Resp: 253729
Ion Ratio Lower Upper
91 100
120 22.7 0.0 45.6





#75
2-Chlorotoluene
Concen: 19.300 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

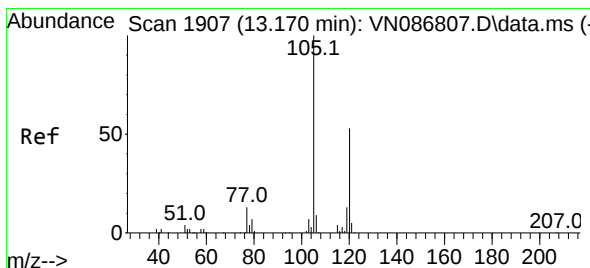
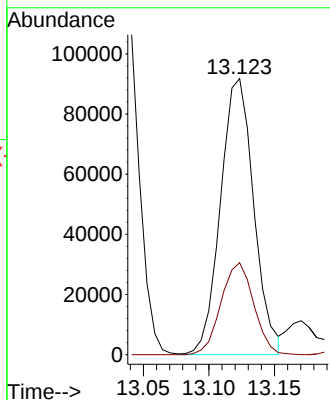
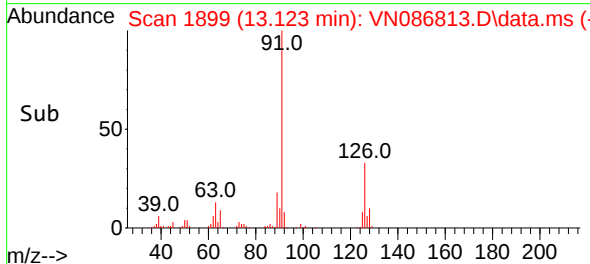
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



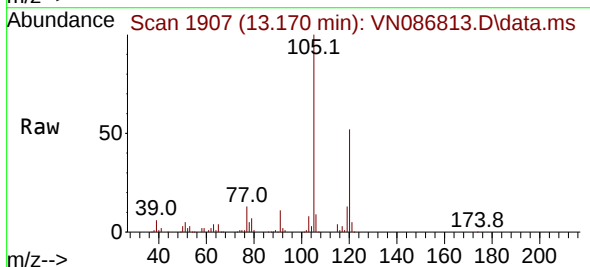
Tgt Ion: 91 Resp: 162350
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.4

Manual Integrations
APPROVED

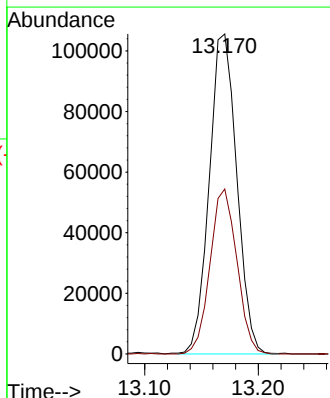
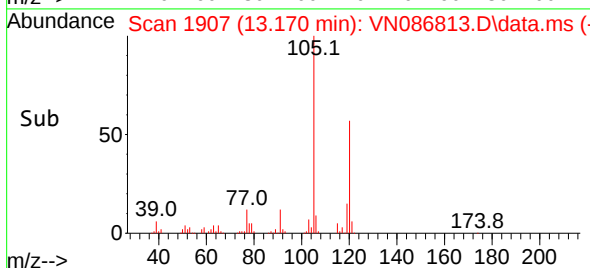
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

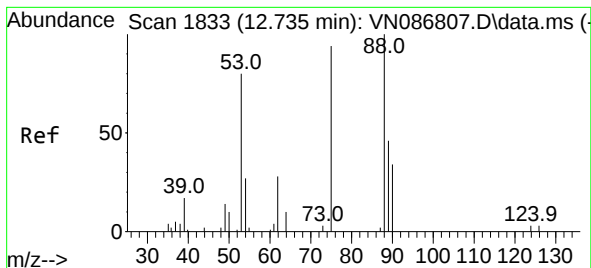


#76
1,3,5-Trimethylbenzene
Concen: 19.311 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04



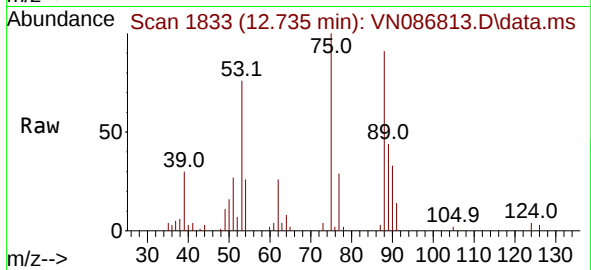
Tgt Ion:105 Resp: 177756
Ion Ratio Lower Upper
105 100
120 50.2 0.0 101.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.095 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

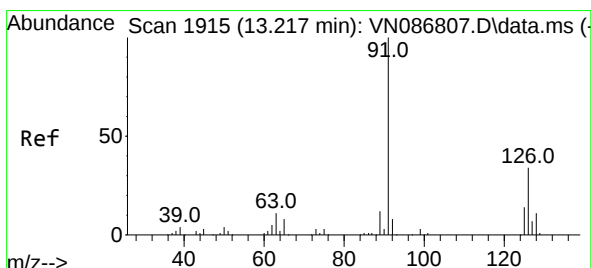
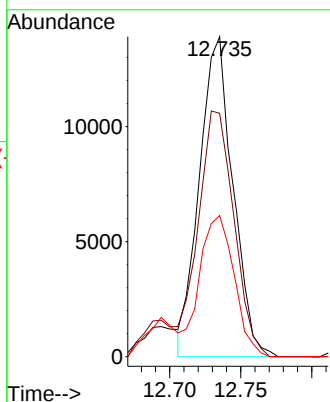
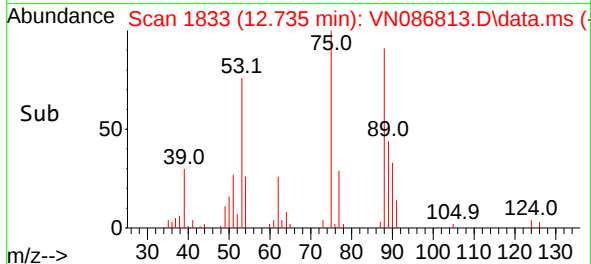
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



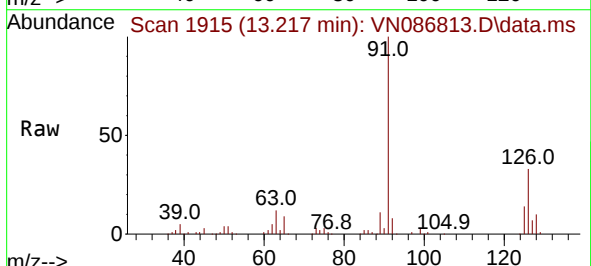
Tgt Ion: 75 Resp: 2283
Ion Ratio Lower Upper
75 100
53 76.1 43.0 128.8
89 44.1 25.4 76.2

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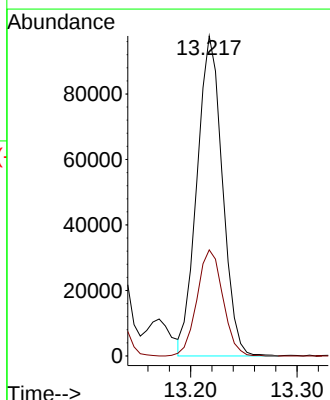
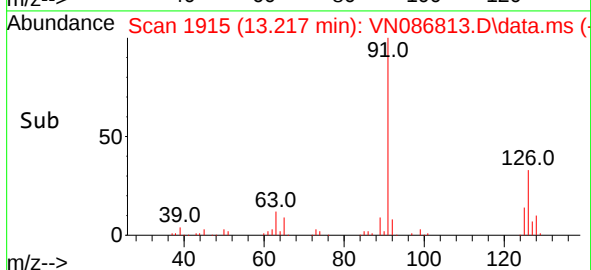
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

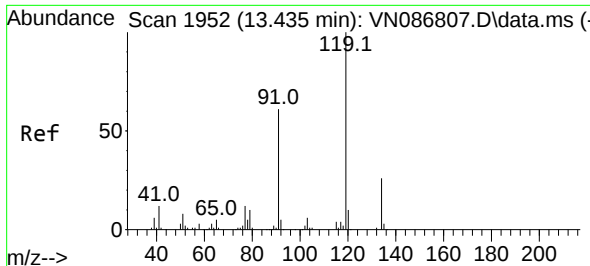


#78
4-Chlorotoluene
Concen: 19.472 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04



Tgt Ion: 91 Resp: 162258
Ion Ratio Lower Upper
91 100
126 33.6 0.0 66.6





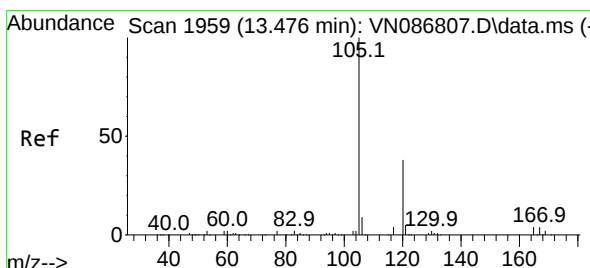
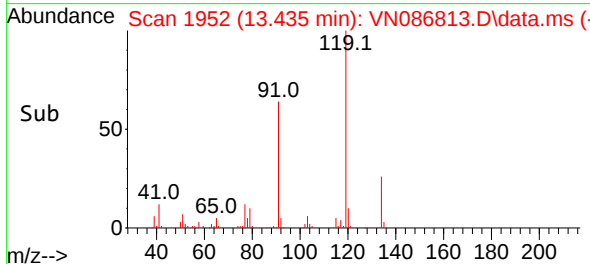
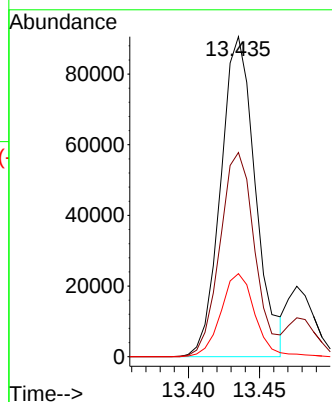
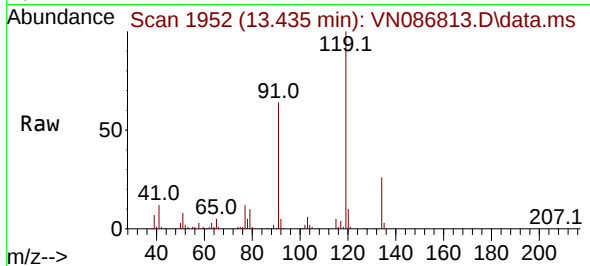
#79
tert-butylbenzene
Concen: 19.384 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Tgt Ion:119 Resp: 15426
Ion Ratio Lower Upper
119 100
91 64.3 0.0 130.4
134 25.5 0.0 50.6

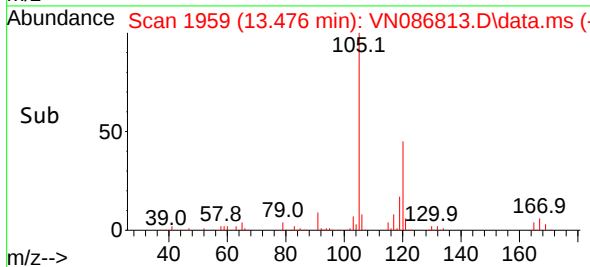
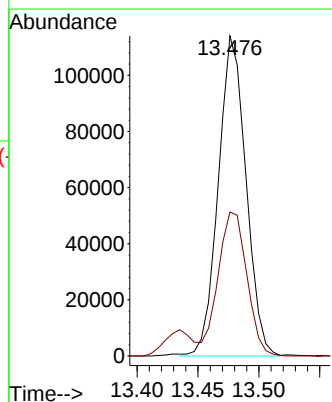
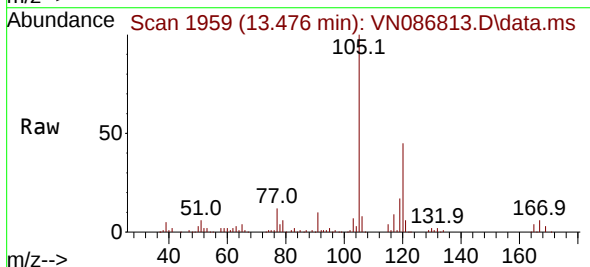
Manual Integrations
APPROVED

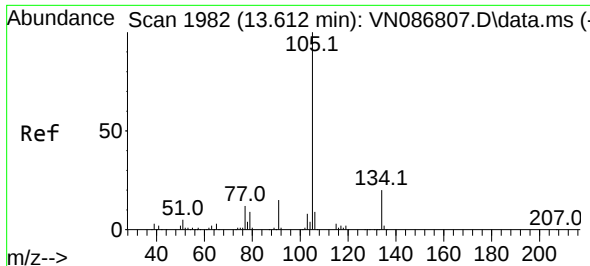
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.496 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

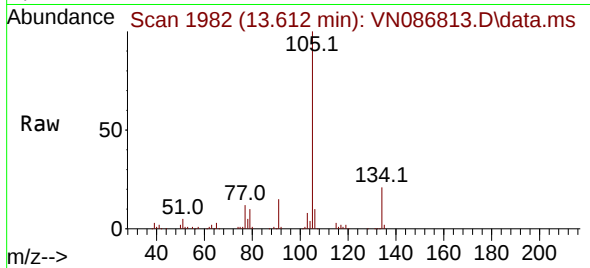
Tgt Ion:105 Resp: 180132
Ion Ratio Lower Upper
105 100
120 46.5 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 19.271 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086813.D
 Acq: 29 May 2025 14:04

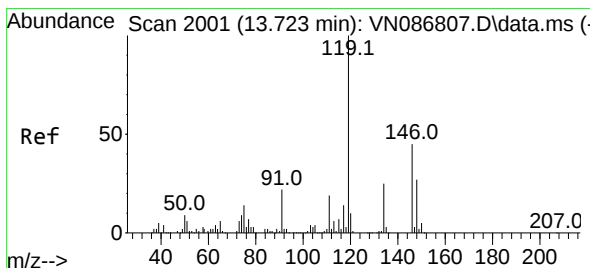
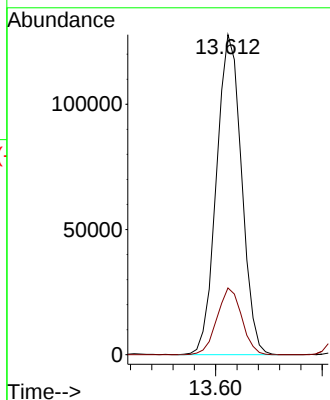
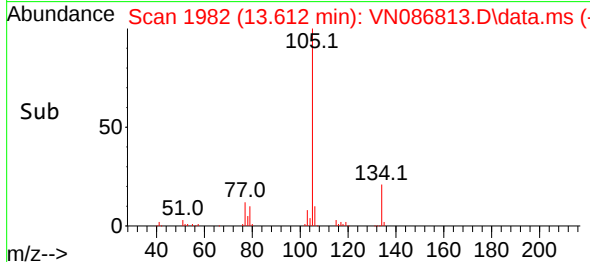
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBS01



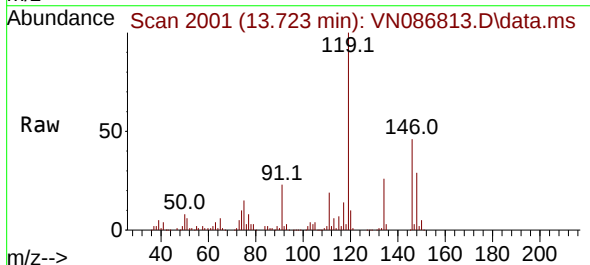
Tgt Ion:105 Resp: 208939
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.0

Manual Integrations
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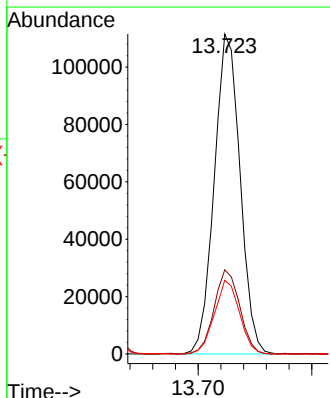
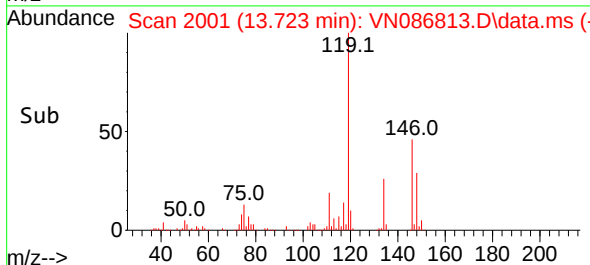
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

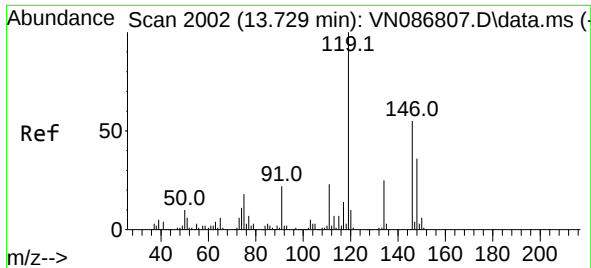


#82
 p-Isopropyltoluene
 Concen: 19.344 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086813.D
 Acq: 29 May 2025 14:04



Tgt Ion:119 Resp: 176104
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 22.4 0.0 45.2





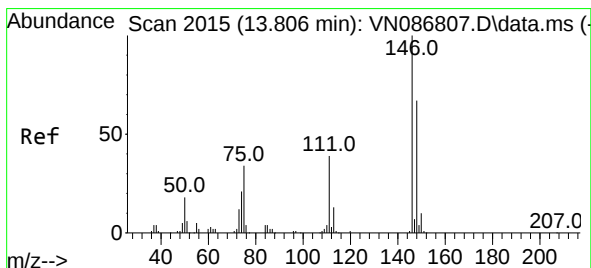
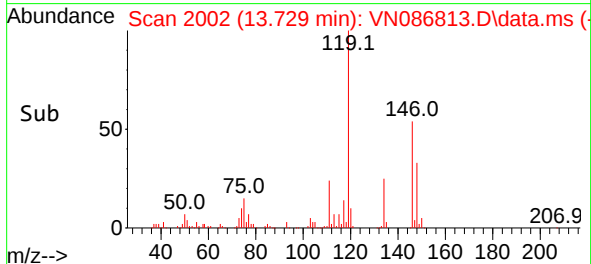
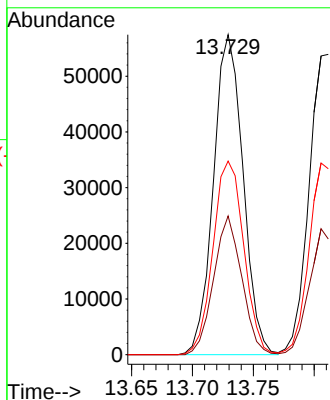
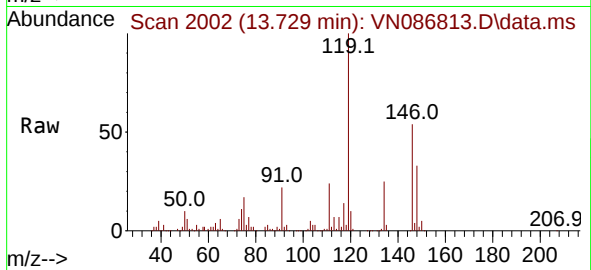
#83
1,3-Dichlorobenzene
Concen: 19.280 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Tgt Ion:146 Resp: 97275
Ion Ratio Lower Upper
146 100
111 41.2 21.1 63.1
148 63.0 32.1 96.5

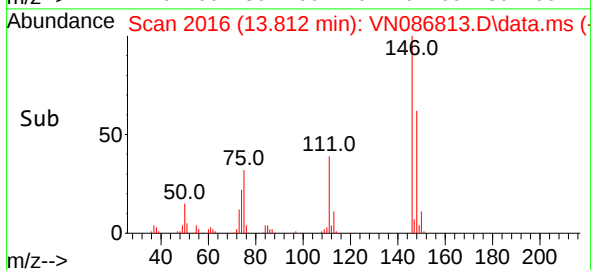
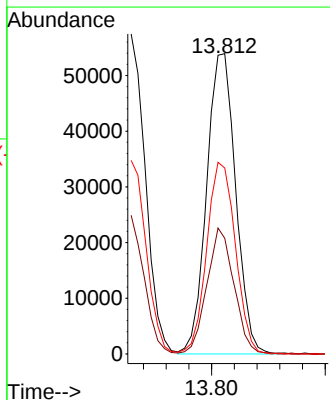
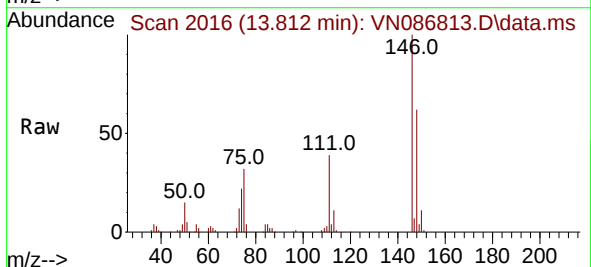
Manual Integrations
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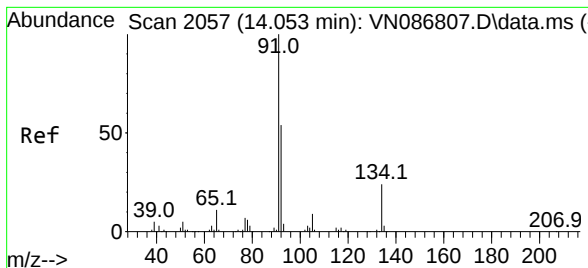
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#84
1,4-Dichlorobenzene
Concen: 19.100 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:146 Resp: 95900
Ion Ratio Lower Upper
146 100
111 39.1 19.8 59.4
148 62.9 31.9 95.5





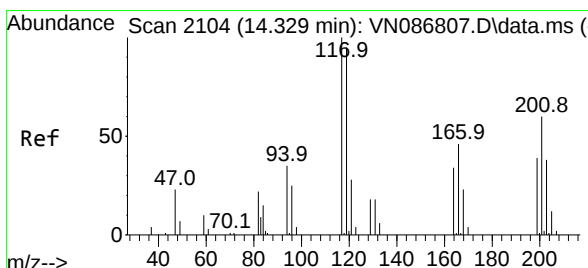
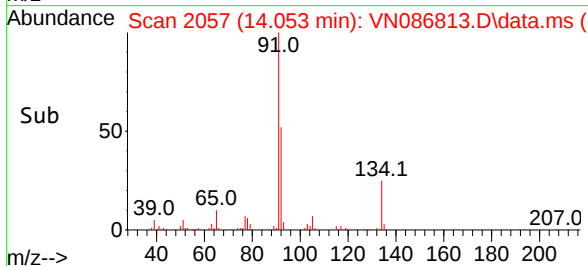
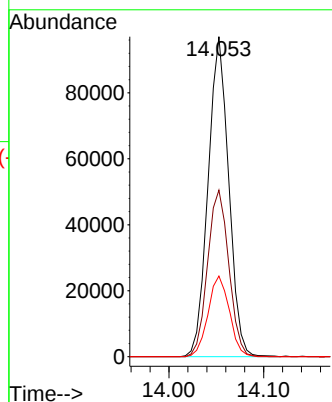
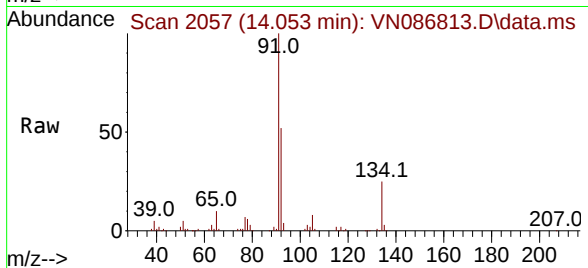
#85
n-Butylbenzene
Concen: 19.208 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Tgt Ion: 91 Resp: 14639
Ion Ratio Lower Upper
91 100
92 53.6 0.0 107.6
134 26.0 0.0 50.0

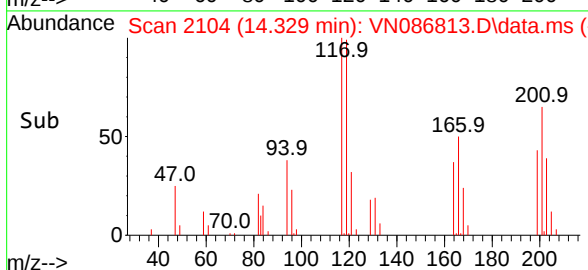
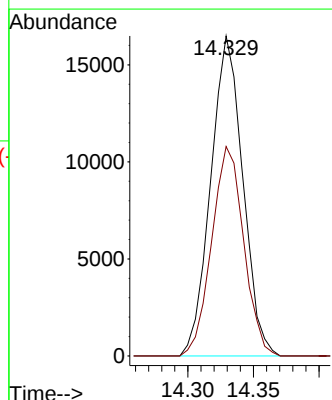
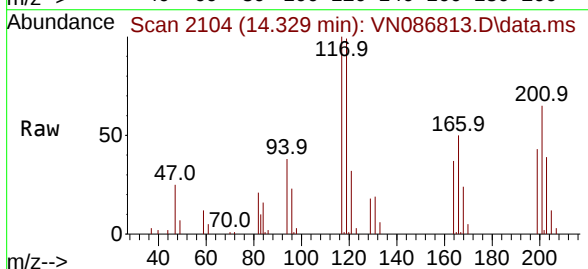
Manual Integrations
APPROVED

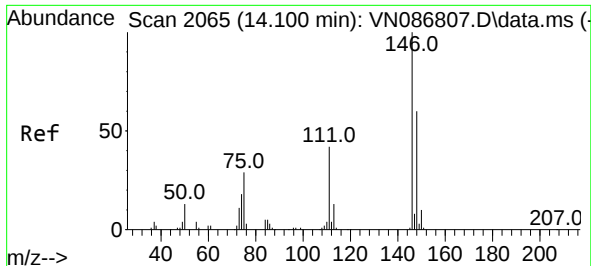
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#86
Hexachloroethane
Concen: 18.079 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:117 Resp: 28052
Ion Ratio Lower Upper
117 100
201 65.2 31.4 94.3





#87

1,2-Dichlorobenzene

Concen: 19.038 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN086813.D

Acq: 29 May 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBS01

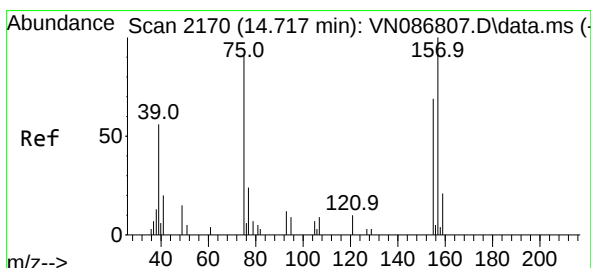
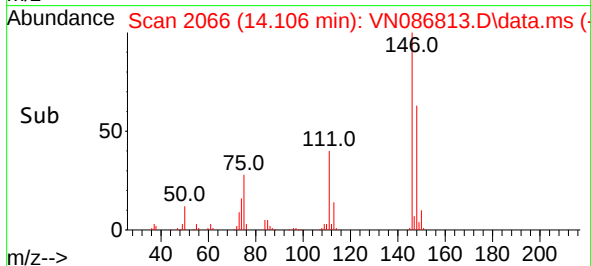
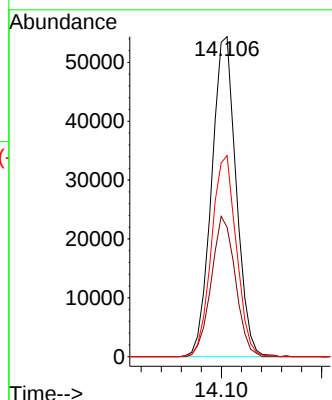
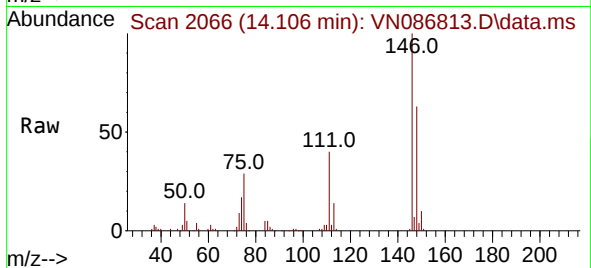
Tgt Ion:	146	Resp:	9265
Ion Ratio	Lower	Upper	
146	100		
111	43.0	21.6	64.8
148	63.6	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.748 ug/l

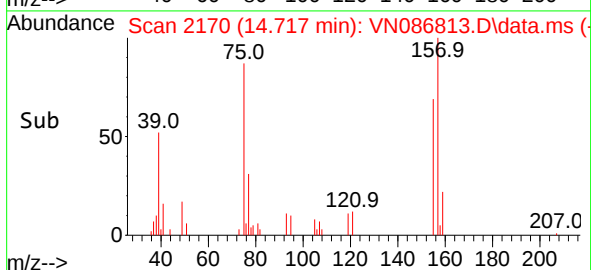
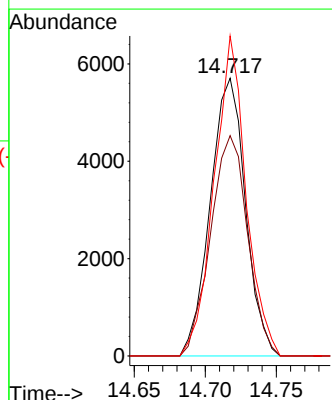
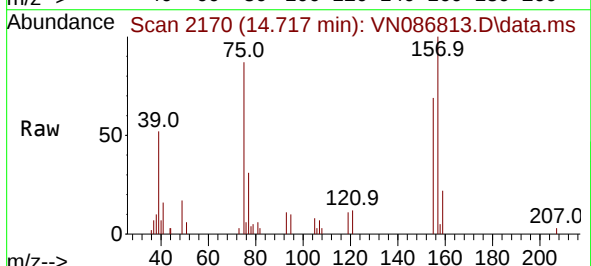
RT: 14.717 min Scan# 2170

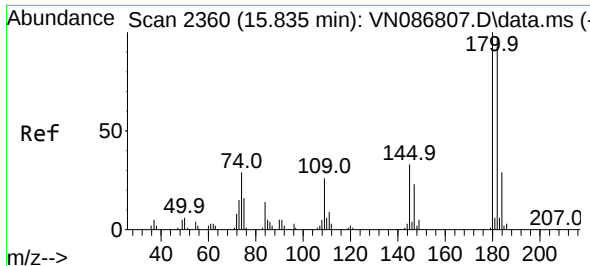
Delta R.T. -0.000 min

Lab File: VN086813.D

Acq: 29 May 2025 14:04

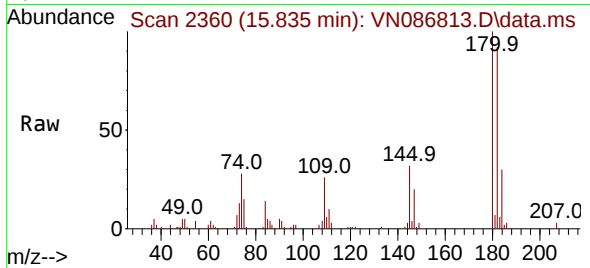
Tgt Ion:	75	Resp:	9832
Ion Ratio	Lower	Upper	
75	100		
155	83.3	62.9	94.3
157	104.2	84.0	126.0





#89
1,2,4-Trichlorobenzene
Concen: 19.612 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

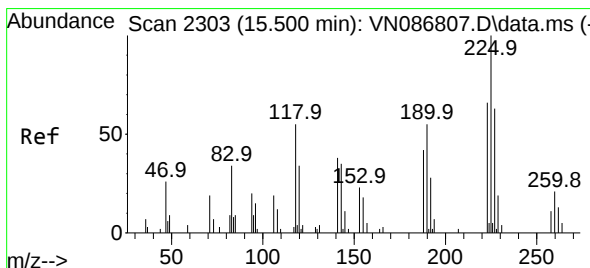
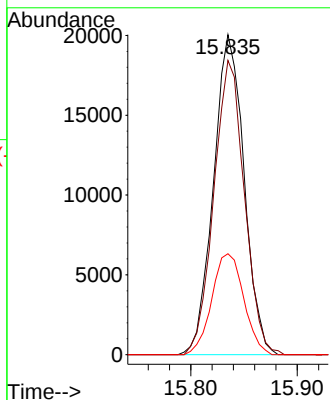
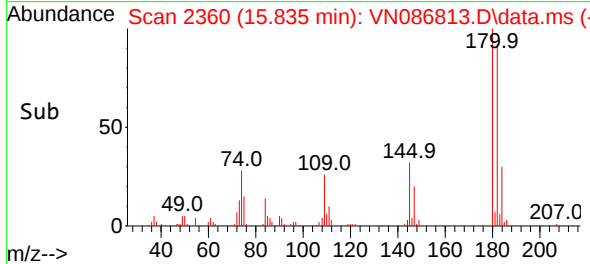
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



Tgt Ion:180 Resp: 3994
Ion Ratio Lower Upper
180 100
182 91.8 78.2 117.2
145 33.0 28.0 42.0

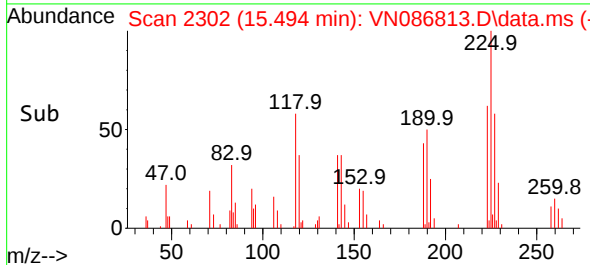
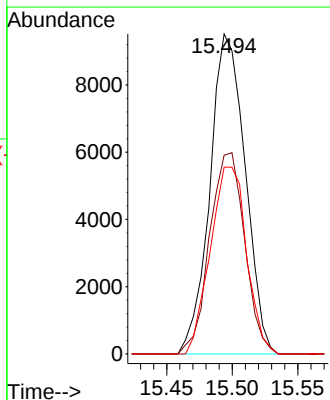
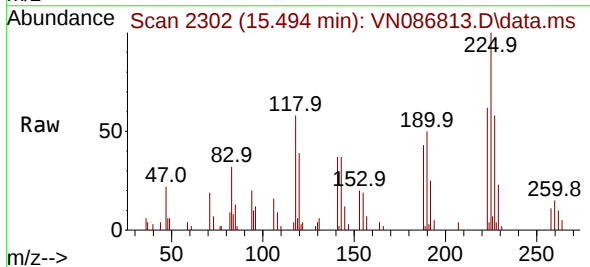
Manual Integrations
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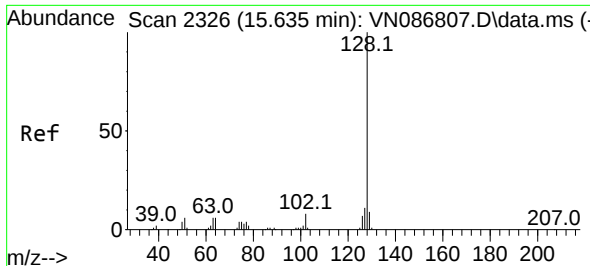
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#90
Hexachlorobutadiene
Concen: 20.403 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

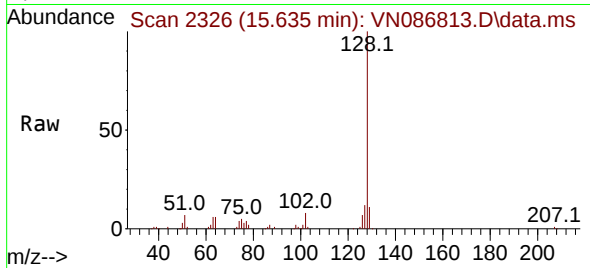
Tgt Ion:225 Resp: 17812
Ion Ratio Lower Upper
225 100
223 62.5 0.0 135.8
227 59.9 0.0 125.0





#91
Naphthalene
Concen: 18.058 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

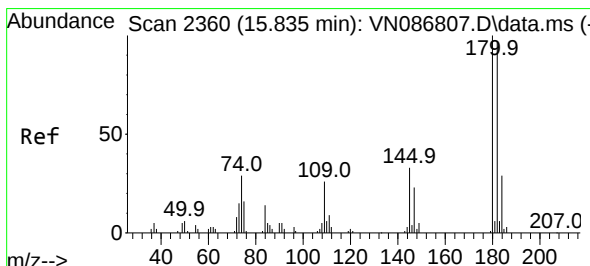
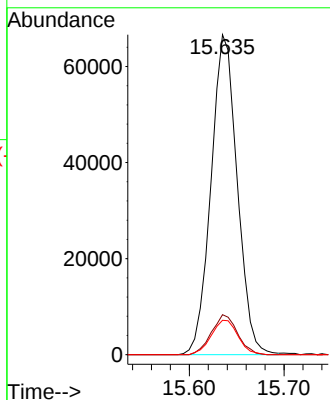
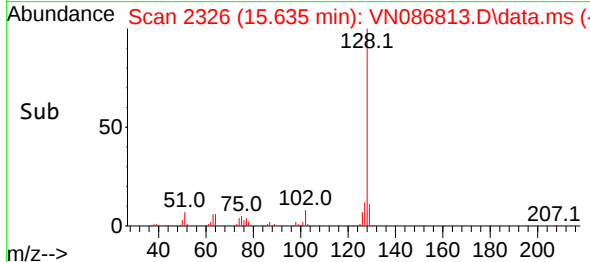
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01



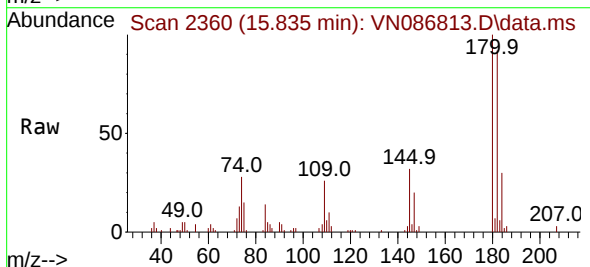
Tgt Ion:128 Resp: 128330
Ion Ratio Lower Upper
128 100
127 12.4 9.8 14.6
129 11.0 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.612 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04



Tgt Ion:180 Resp: 39947
Ion Ratio Lower Upper
180 100
182 91.8 0.0 195.4
145 33.0 0.0 70.0

