

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086382.D
 Acq On : 23 Apr 2025 15:02
 Operator : JC\MD
 Sample : VN0423WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBS01

Quant Time: Apr 24 04:59:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/24/2025
 Supervised By : Mahesh Dadoda 04/25/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	28009	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	174005	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	158596	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83325	30.856	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.867%			
60) 4-Bromofluorobenzene	12.847	95	89590	28.742	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.800%			
63) Toluene-d8	10.565	98	261745	29.999	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41387	21.403	ug/l	94
3) Chloromethane	2.359	50	56736	20.655	ug/l	100
4) Vinyl Chloride	2.518	62	54489	20.712	ug/l	95
5) Bromomethane	2.953	94	29461	21.449	ug/l	100
6) Chloroethane	3.118	64	36681	20.914	ug/l	98
7) Trichlorofluoromethane	3.501	101	65145	20.978	ug/l	98
8) Diethyl Ether	3.953	74	27434	20.929	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	41239	21.602	ug/l	74
10) 1,1-Dichloroethene	4.342	96	40590	20.773	ug/l	98
11) Methyl Iodide	4.583	142	48193	21.079	ug/l	94
12) Methyl Acetate	5.018	43	61511	22.210	ug/l	98
13) Acrolein	4.183	56	11153m	76.023	ug/l	
14) Acrylonitrile	5.712	53	110928	107.615	ug/l	100
15) Acetone	4.424	58	32070	112.908	ug/l	99
16) Carbon Disulfide	4.712	76	106838	20.750	ug/l	98
17) Allyl chloride	5.018	41	64974	20.796	ug/l	98
18) Methylene Chloride	5.271	84	46322	20.817	ug/l	93
19) trans-1,2-Dichloroethene	5.789	96	41757	20.050	ug/l	98
20) Diisopropyl ether	6.665	45	153673	20.686	ug/l	97
21) 1,1-Dichloroethane	6.565	63	83993	20.655	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	54611	20.970	ug/l	94
23) tert-Butyl Alcohol	5.512	59	43362	108.593	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	152593	21.137	ug/l	100
25) Chloroform	7.959	83	84814	20.608	ug/l	99
26) Cyclohexane	8.253	56	75458	21.016	ug/l #	99
29) 1,1-Dichloropropene	8.365	75	60632	19.765	ug/l	99
30) 2-Butanone	7.477	43	156415	105.054	ug/l	99
31) 2,2-Dichloropropane	7.483	77	77589	19.676	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	73550	20.065	ug/l	99
33) Carbon Tetrachloride	8.359	117	59985	19.878	ug/l	96
34) Benzene	8.600	78	196998	20.191	ug/l	97
35) Methacrylonitrile	7.771	41	34714	20.439	ug/l	99
36) 1,2-Dichloroethane	8.665	62	63085	19.915	ug/l	100
37) Trichloroethene	9.347	130	46837	19.176	ug/l	93
38) Methylcyclohexane	9.594	83	69608	19.648	ug/l	98
39) 1,2-Dichloropropane	9.618	63	48735	20.219	ug/l	99
40) Dibromomethane	9.706	93	31793	19.724	ug/l	97
41) Bromodichloromethane	9.882	83	67627	19.825	ug/l	99
42) Vinyl Acetate	6.594	43	532279	103.201	ug/l	100

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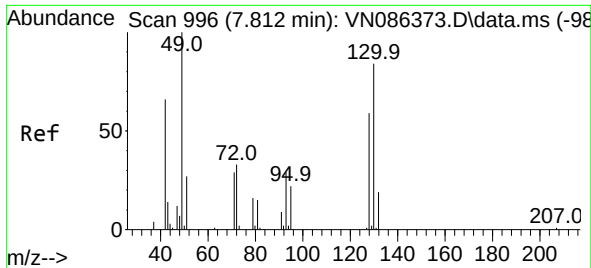
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2025
 Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 24 04:59:20 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	58347m	19.802	ug/l	
44) Isopropyl Acetate	8.683	43	115079	20.578	ug/l	99
45) 1,4-Dioxane	9.688	88	16811	385.290	ug/l	98
46) Methyl methacrylate	9.677	41	52620	20.399	ug/l	97
47) n-amyl Acetate	12.488	43	93137	19.540	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	74764	19.605	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	80090	19.915	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	45595	20.251	ug/l	99
51) Ethyl methacrylate	10.871	69	78410	19.996	ug/l	98
52) 1,3-Dichloropropane	11.159	76	79865	20.070	ug/l	100
53) Dibromochloromethane	11.359	129	49482	19.572	ug/l	97
54) 1,2-Dibromoethane	11.465	107	46094	20.135	ug/l	100
55) 2-Chloroethyl vinyl ether	10.153	63	173758	94.250	ug/l	99
56) Bromoform	12.576	173	31610	19.267	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	317539	103.465	ug/l	100
59) 2-Hexanone	11.188	43	234467	103.670	ug/l	99
61) Tetrachloroethene	11.100	164	46835	19.362	ug/l	95
62) Toluene	10.624	91	212008	19.971	ug/l	98
64) Chlorobenzene	11.888	112	132210	19.987	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	44063	19.922	ug/l	99
66) Ethyl Benzene	11.959	91	237165	19.848	ug/l	99
67) m/p-Xylenes	12.065	106	177837	39.224	ug/l	98
68) o-Xylene	12.394	106	88931	20.033	ug/l	97
69) Styrene	12.406	104	147440	19.595	ug/l	99
70) Isopropylbenzene	12.694	105	219743	19.830	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	61267	20.998	ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	51896m	20.401	ug/l	
73) Bromobenzene	12.976	156	50295	19.742	ug/l	99
74) n-propylbenzene	13.029	91	257240	19.535	ug/l	99
75) 2-Chlorotoluene	13.123	91	163879	19.936	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	180475	19.849	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	26341	20.403	ug/l	99
78) 4-Chlorotoluene	13.218	91	159258	19.376	ug/l	100
79) tert-butylbenzene	13.435	119	153325	19.690	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	181681	19.565	ug/l	99
81) sec-Butylbenzene	13.612	105	216325	19.461	ug/l	99
82) p-Isopropyltoluene	13.723	119	179090	19.254	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	93109	19.334	ug/l	98
84) 1,4-Dichlorobenzene	13.806	146	92663	19.475	ug/l	99
85) n-Butylbenzene	14.053	91	155207	18.701	ug/l	100
86) Hexachloroethane	14.329	117	29798	19.592	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	92158	20.112	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12448	20.989	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	41215	19.734	ug/l	98
90) Hexachlorobutadiene	15.494	225	17092	20.317	ug/l	95
91) Naphthalene	15.635	128	148729	19.891	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	41215	19.734	ug/l	98

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



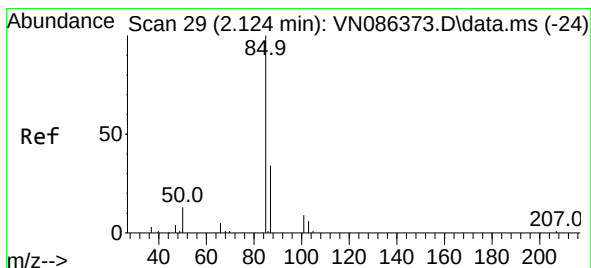
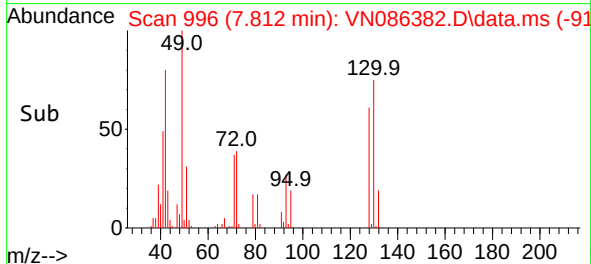
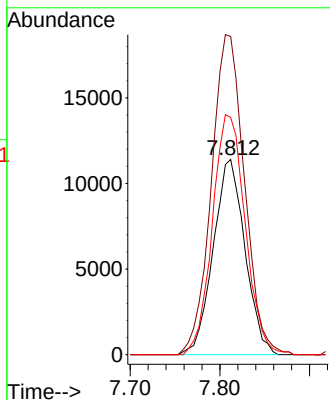
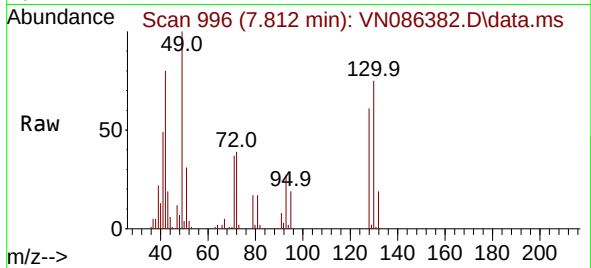
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01

Tgt Ion:128 Resp: 28009
Ion Ratio Lower Upper
128 100
49 170.8 0.0 433.8
130 127.2 0.0 325.0

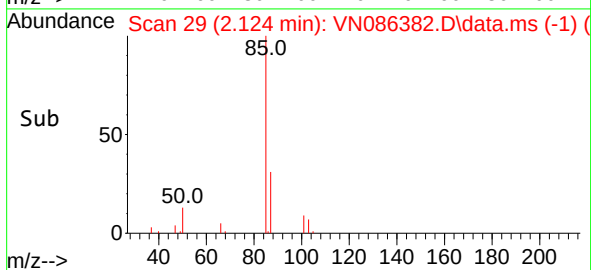
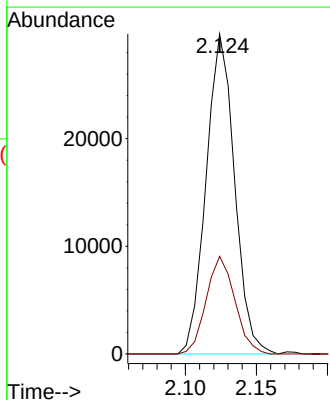
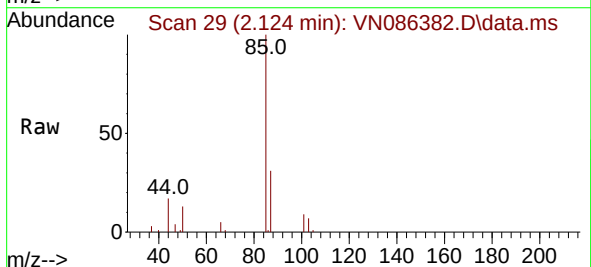
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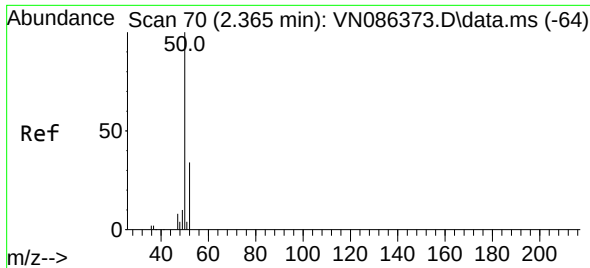
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#2
Dichlorodifluoromethane
Concen: 21.403 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

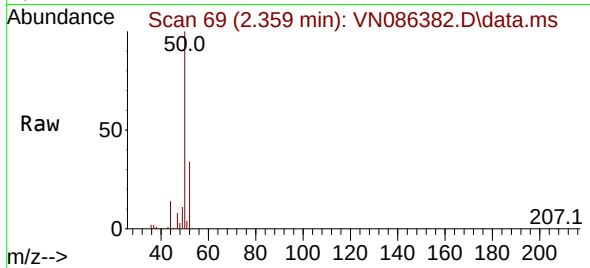
Tgt Ion: 85 Resp: 41387
Ion Ratio Lower Upper
85 100
87 30.5 17.0 50.9





#3
Chloromethane
Concen: 20.655 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

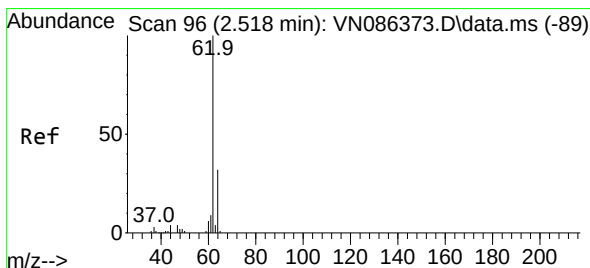
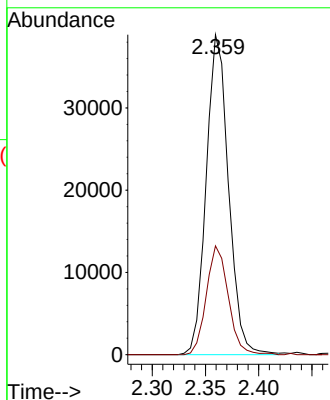
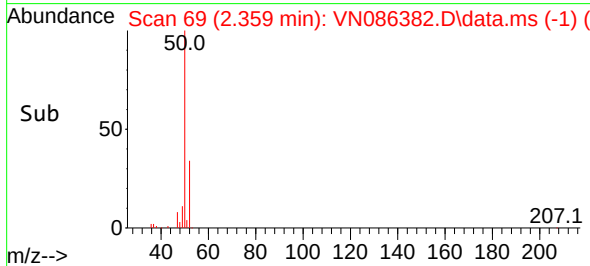
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 50 Resp: 56730
Ion Ratio Lower Upper
50 100
52 34.0 27.3 40.9

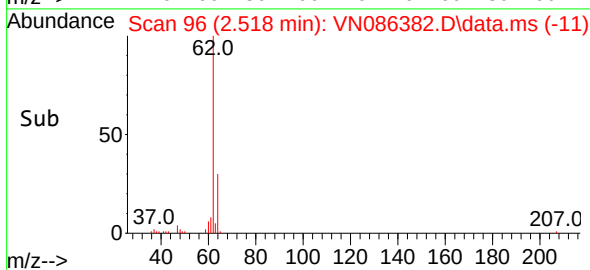
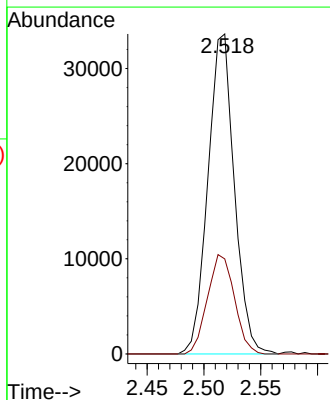
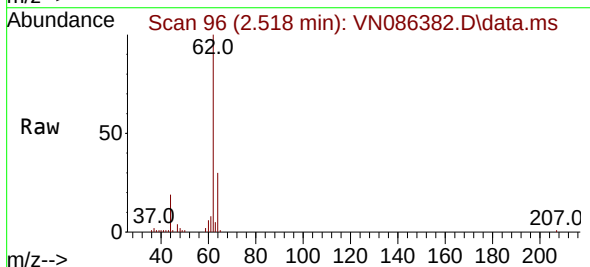
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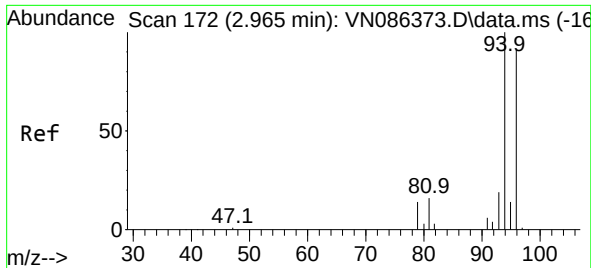
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#4
Vinyl Chloride
Concen: 20.712 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Tgt Ion: 62 Resp: 54489
Ion Ratio Lower Upper
62 100
64 29.7 25.8 38.8





#5

Bromomethane

Concen: 21.449 ug/l

RT: 2.953 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN086382.D

Acq: 23 Apr 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0423WBS01

Tgt Ion: 94 Resp: 2946

Ion Ratio Lower Upper

94 100

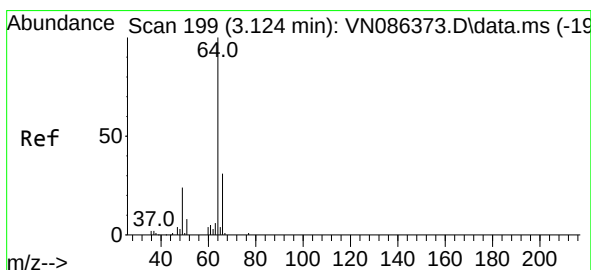
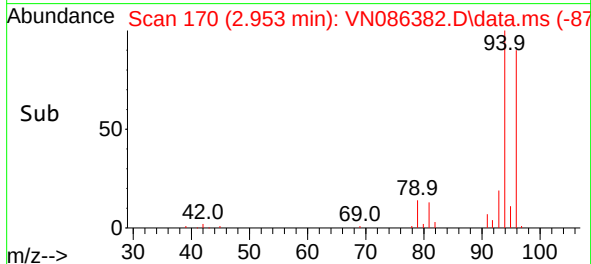
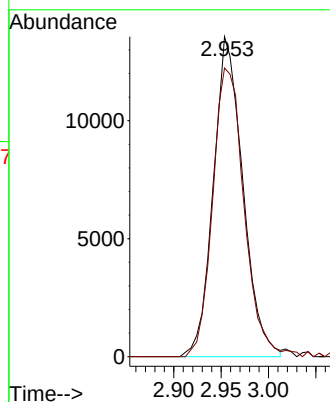
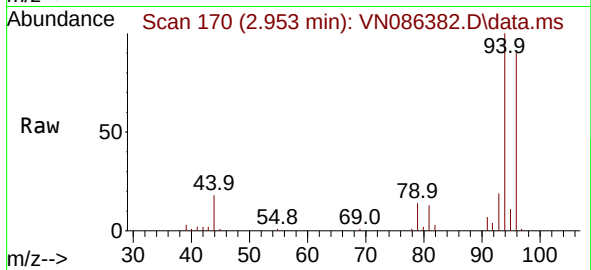
96 90.2 72.4 108.6

Manual Integrations

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Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#6

Chloroethane

Concen: 20.914 ug/l

RT: 3.118 min Scan# 198

Delta R.T. -0.006 min

Lab File: VN086382.D

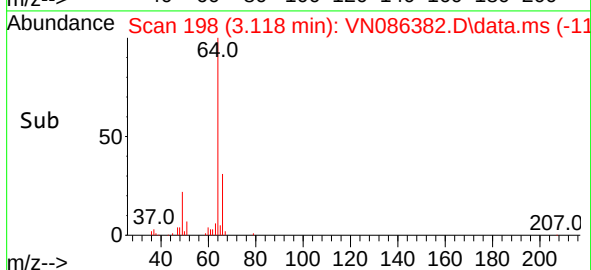
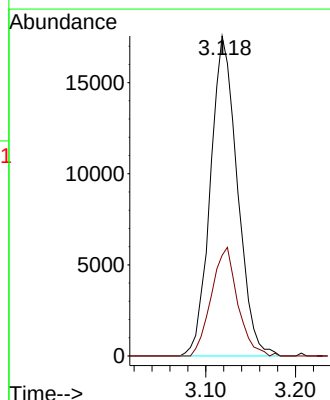
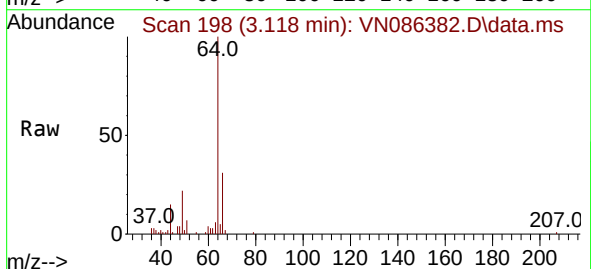
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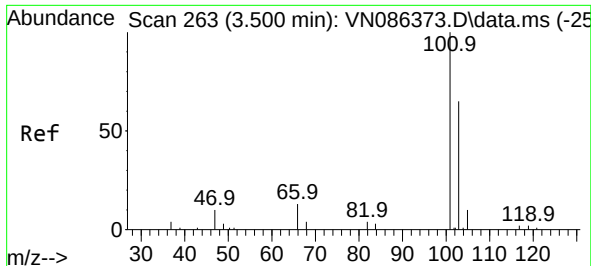
Tgt Ion: 64 Resp: 36681

Ion Ratio Lower Upper

64 100

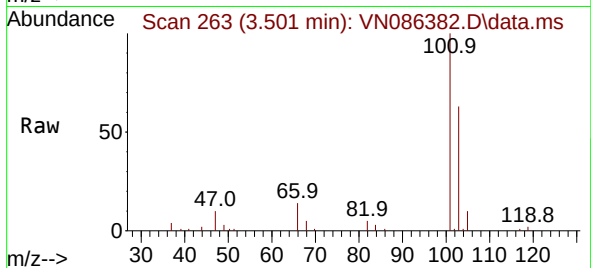
66 31.5 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 20.978 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086382.D
 Acq: 23 Apr 2025 15:02

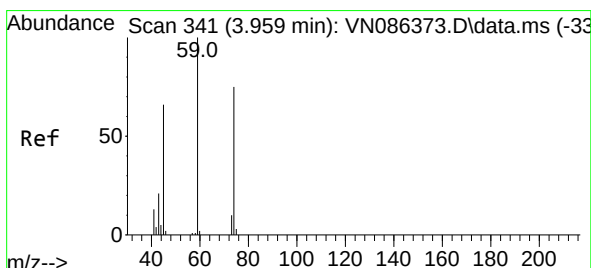
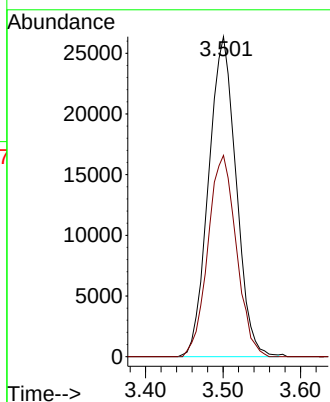
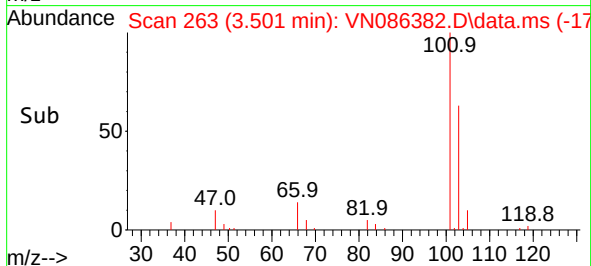
Instrument :
 MSVOA_N
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Tgt Ion:101 Resp: 6514
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.8 77.6

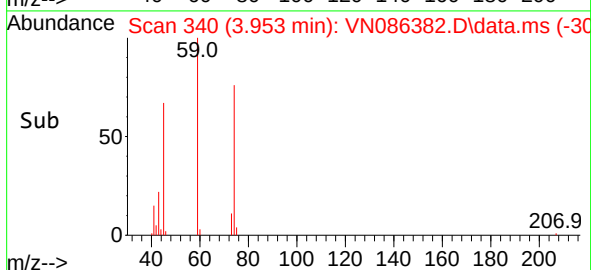
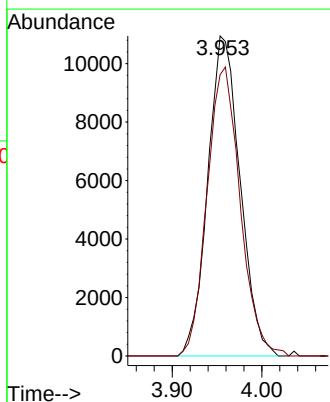
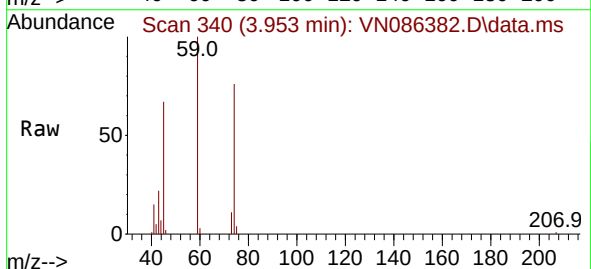
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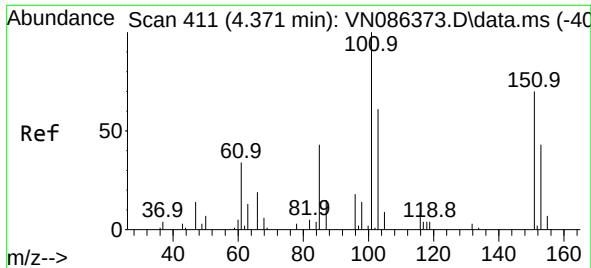
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#8
 Diethyl Ether
 Concen: 20.929 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN086382.D
 Acq: 23 Apr 2025 15:02

Tgt Ion: 74 Resp: 27434
 Ion Ratio Lower Upper
 74 100
 45 92.3 18.5 166.3





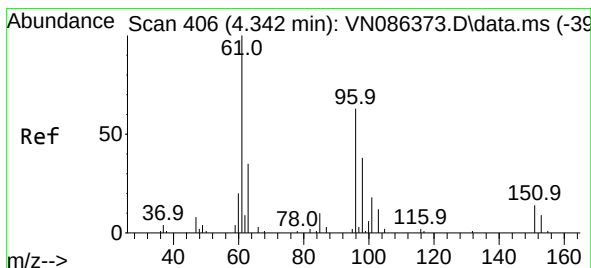
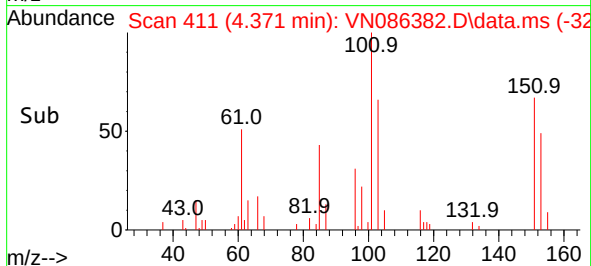
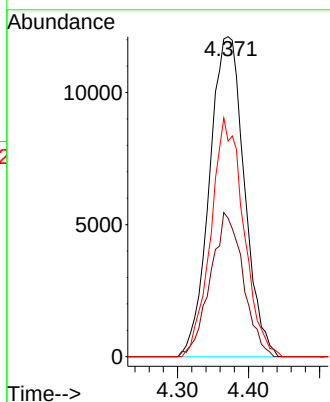
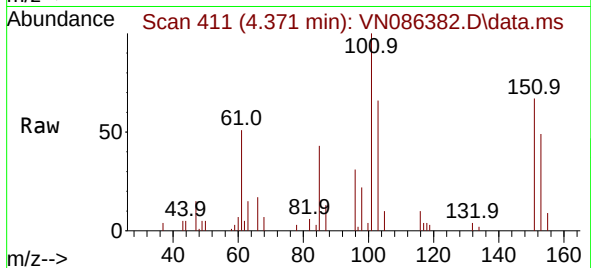
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 1,1,2-Trichlorotrifluoroethane
 Concen: 21.602 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN086382.D
 Acq: 23 Apr 2025 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBS01

Tgt Ion:101 Resp: 41239
 Ion Ratio Lower Upper
 101 100
 85 42.4 0.0 84.4
 151 39.3 0.0 145.8

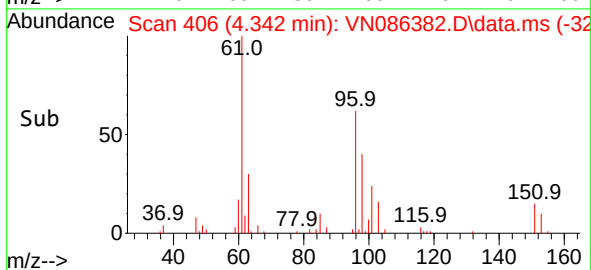
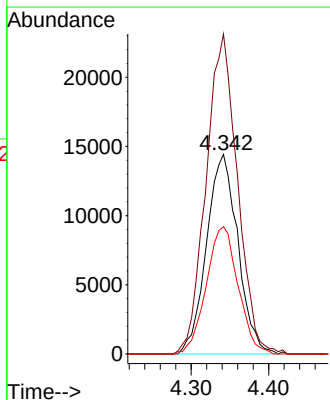
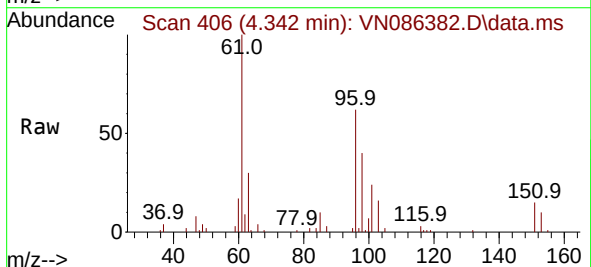
Manual Integrations
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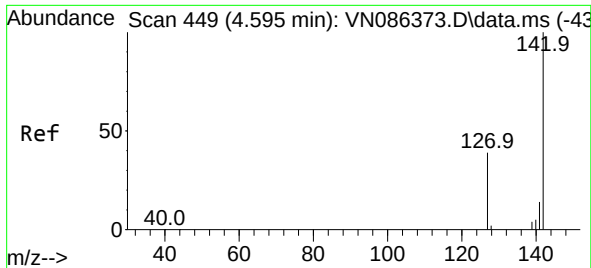
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#10
 1,1-Dichloroethene
 Concen: 20.773 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN086382.D
 Acq: 23 Apr 2025 15:02

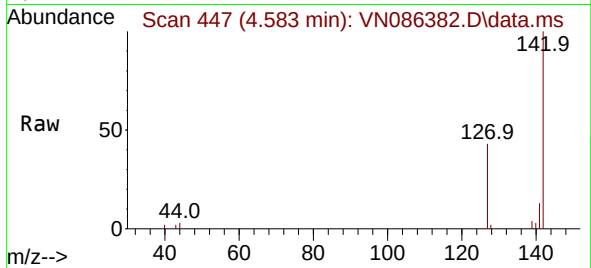
Tgt Ion: 96 Resp: 40590
 Ion Ratio Lower Upper
 96 100
 61 159.3 126.2 189.4
 98 63.8 48.5 72.7





#11
Methyl Iodide
Concen: 21.079 ug/l
RT: 4.583 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

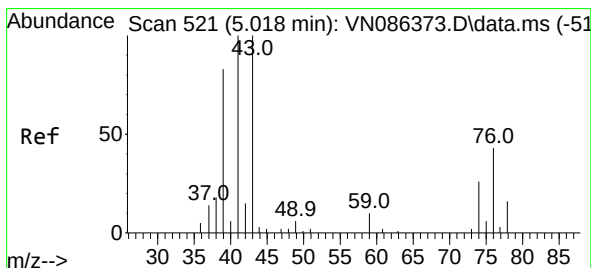
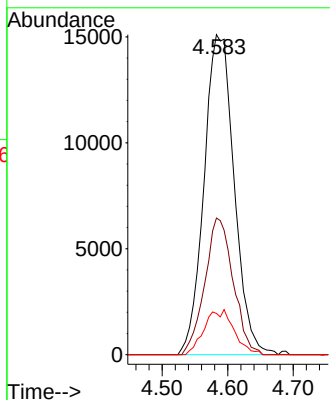
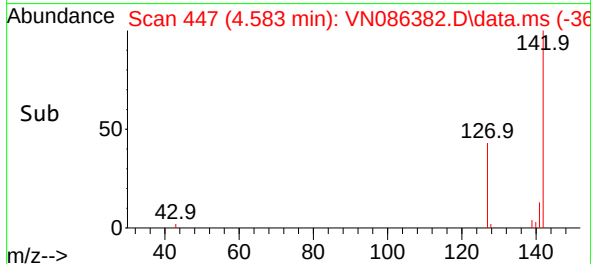
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion:142 Resp: 4819
Ion Ratio Lower Upper
142 100
127 42.7 19.3 57.9
141 12.9 7.1 21.3

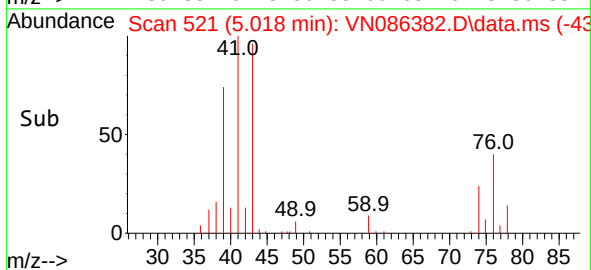
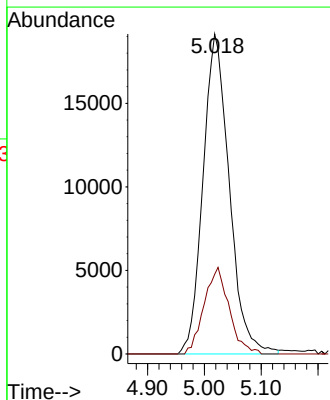
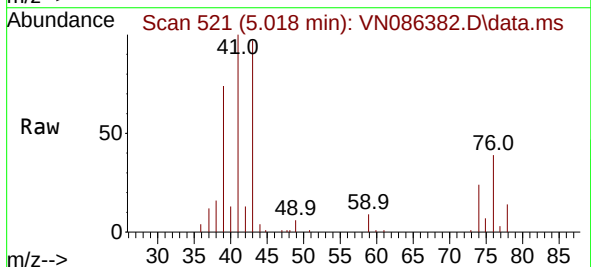
Manual Integrations
APPROVED

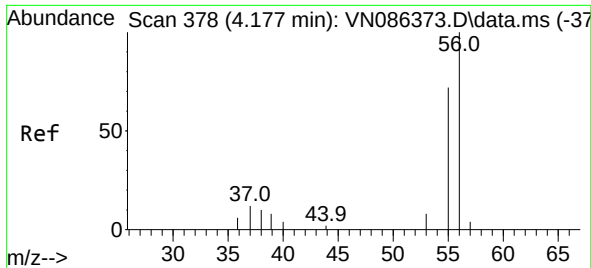
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#12
Methyl Acetate
Concen: 22.210 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

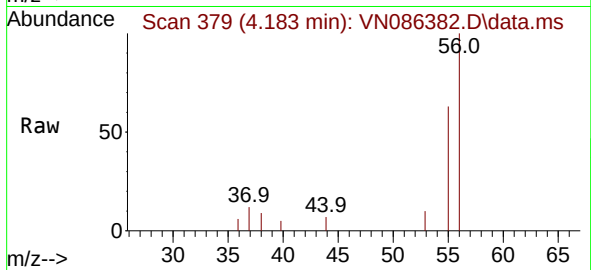
Tgt Ion: 43 Resp: 61511
Ion Ratio Lower Upper
43 100
74 25.0 20.8 31.2





#13
Acrolein
Concen: 76.023 ug/l m
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

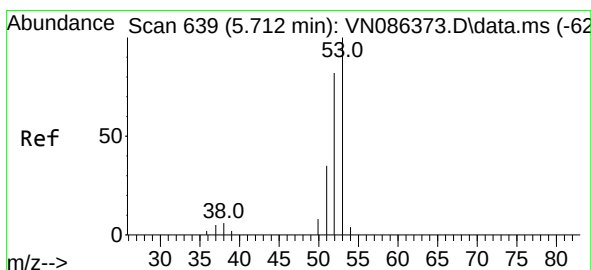
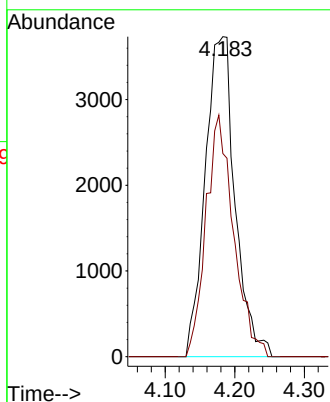
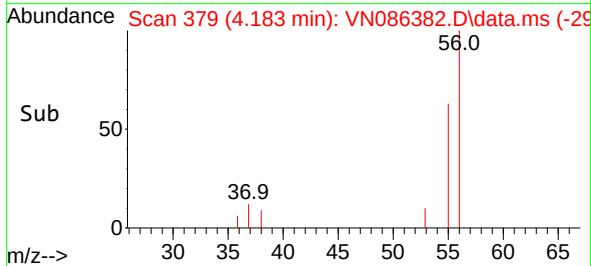
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 56 Resp: 1115
Ion Ratio Lower Upper
56 100
55 68.8 56.1 84.1

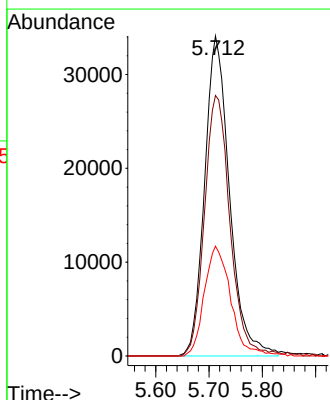
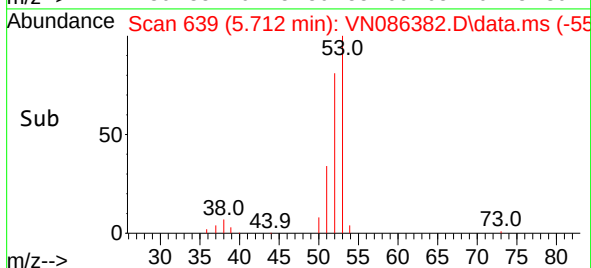
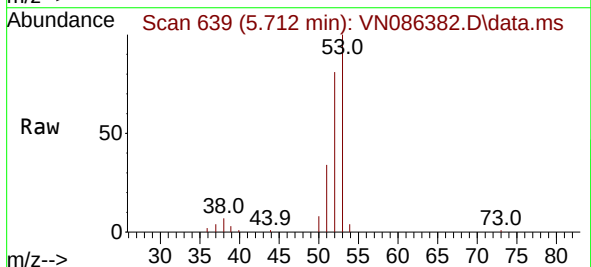
Manual Integrations
APPROVED

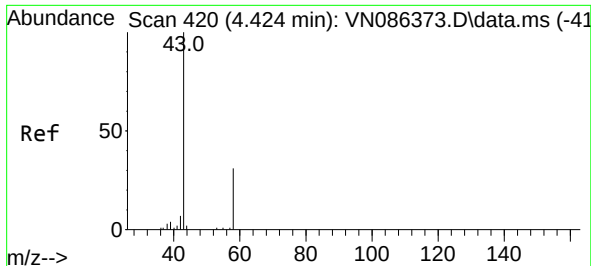
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#14
Acrylonitrile
Concen: 107.615 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Tgt Ion: 53 Resp: 110928
Ion Ratio Lower Upper
53 100
52 82.4 41.2 123.6
51 35.3 17.6 52.8





#15

Acetone

Concen: 112.908 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086382.D

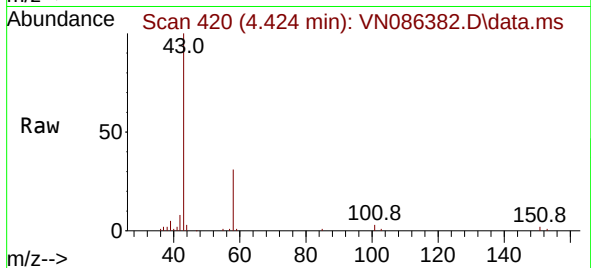
Acq: 23 Apr 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0423WBS01



Tgt Ion: 58 Resp: 32070

Ion Ratio Lower Upper

58 100

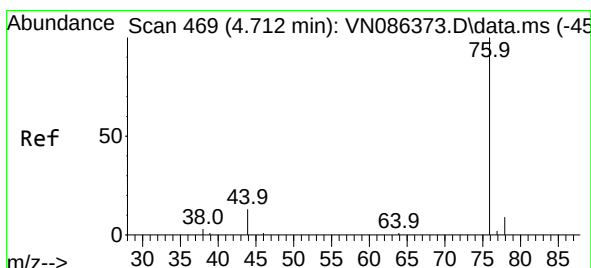
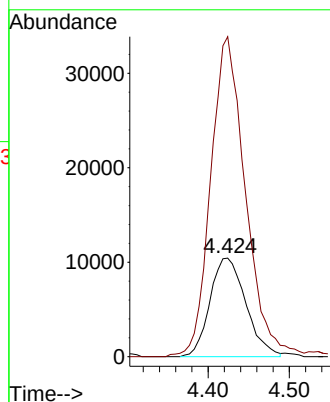
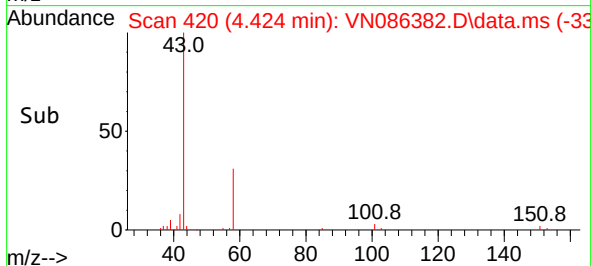
43 320.9 255.1 382.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#16

Carbon Disulfide

Concen: 20.750 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086382.D

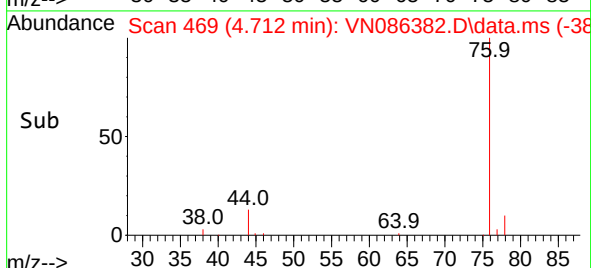
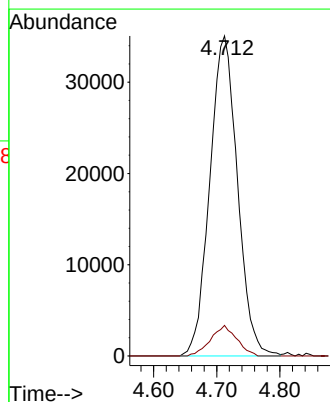
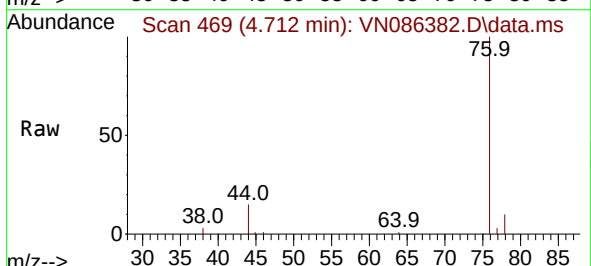
Acq: 23 Apr 2025 15:02

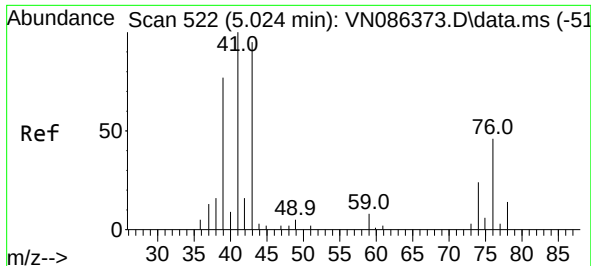
Tgt Ion: 76 Resp: 106838

Ion Ratio Lower Upper

76 100

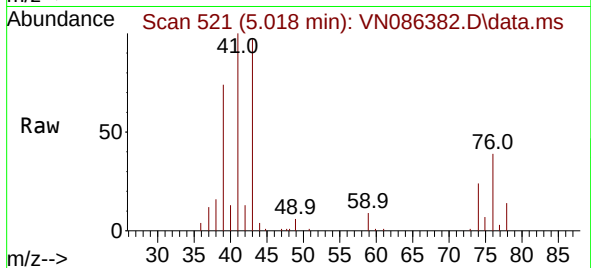
78 9.5 7.1 10.7





#17
 Allyl chloride
 Concen: 20.796 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086382.D
 Acq: 23 Apr 2025 15:02

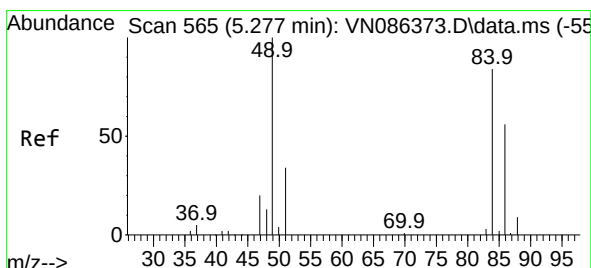
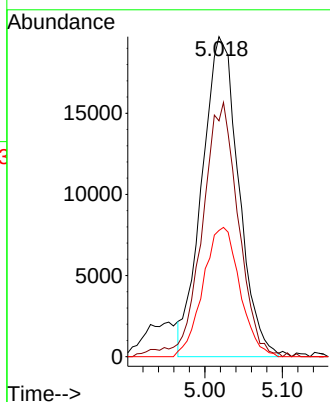
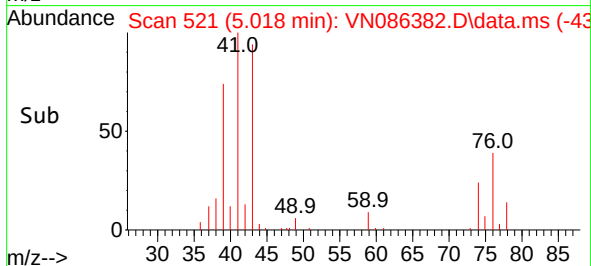
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBS01



Tgt Ion: 41 Resp: 64974
 Ion Ratio Lower Upper
 41 100
 39 73.2 36.7 110.1
 76 39.8 21.8 65.4

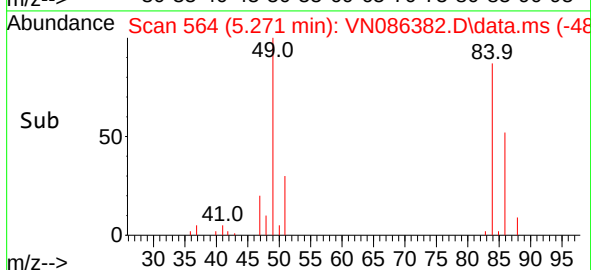
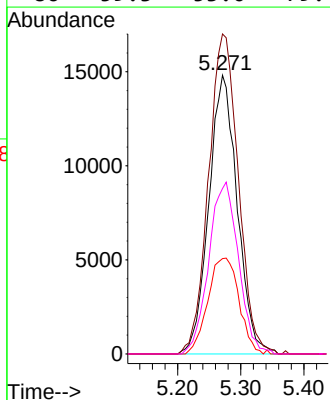
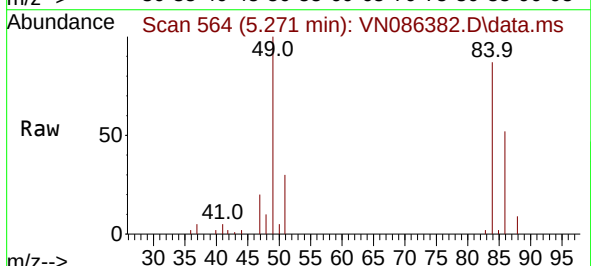
Manual Integrations
 APPROVED

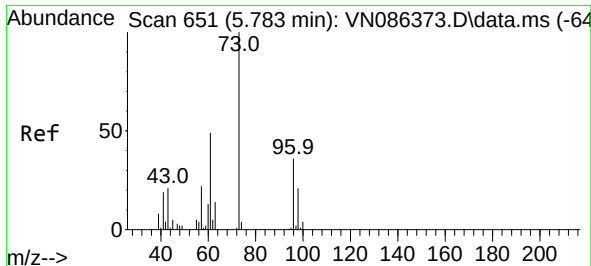
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#18
 Methylene Chloride
 Concen: 20.817 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086382.D
 Acq: 23 Apr 2025 15:02

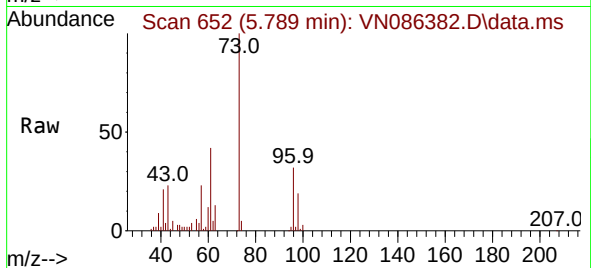
Tgt Ion: 84 Resp: 46322
 Ion Ratio Lower Upper
 84 100
 49 114.8 95.4 143.0
 51 34.2 32.8 49.2
 86 59.3 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 20.050 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

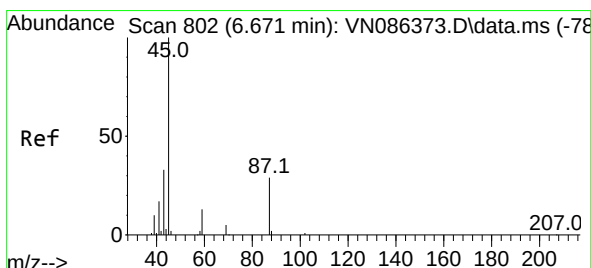
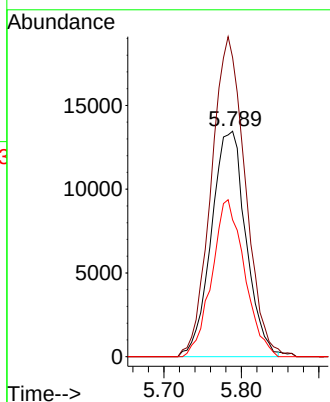
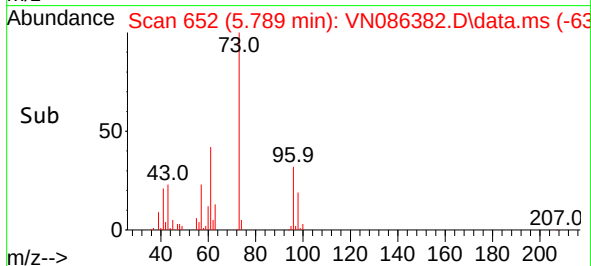
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 96 Resp: 4175
Ion Ratio Lower Upper
96 100
61 132.7 107.3 160.9
98 60.6 46.7 70.1

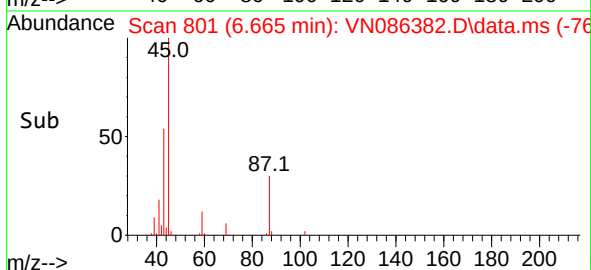
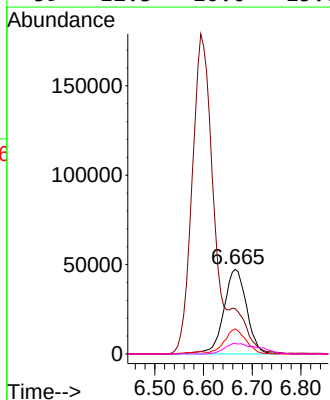
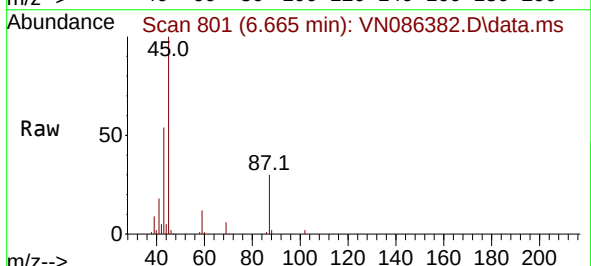
Manual Integrations
APPROVED

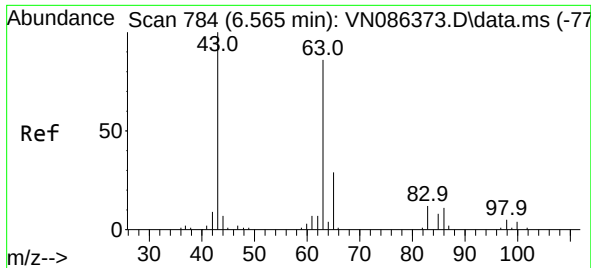
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Diisopropyl ether
Concen: 20.686 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Tgt Ion: 45 Resp: 153673
Ion Ratio Lower Upper
45 100
43 51.7 38.8 58.2
87 29.8 23.5 35.3
59 12.3 10.0 15.0





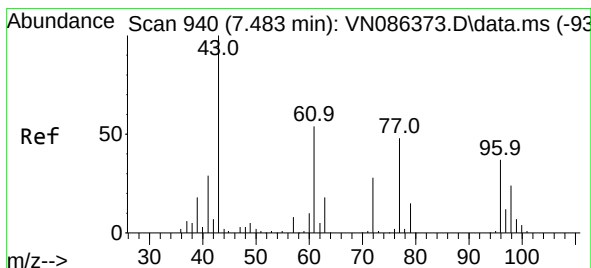
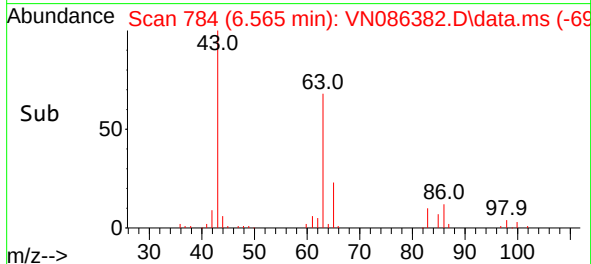
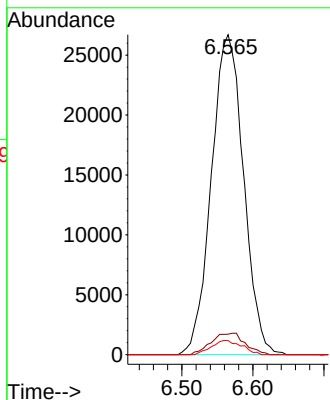
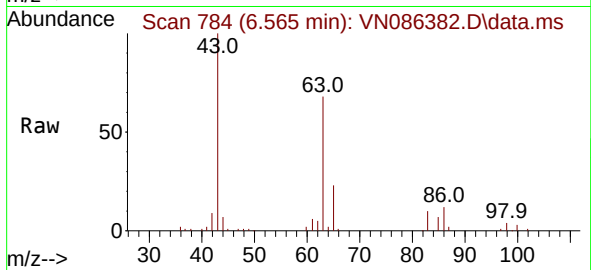
#21
1,1-Dichloroethane
Concen: 20.655 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01

Tgt Ion: 63 Resp: 8399
Ion Ratio Lower Upper
63 100
98 6.4 3.0 9.2
100 4.4 2.3 6.8

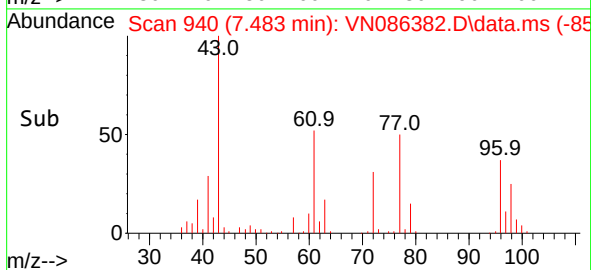
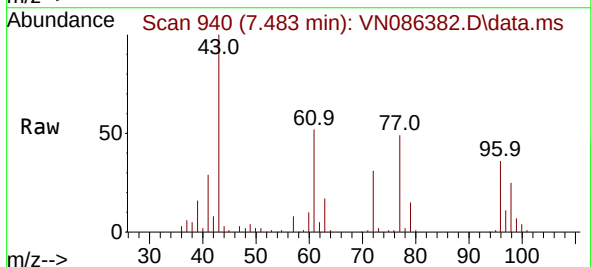
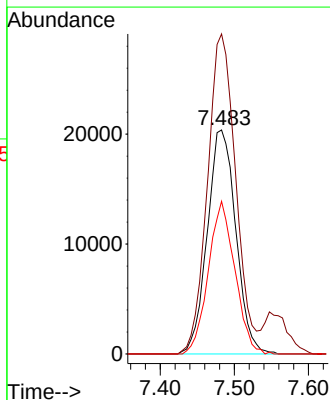
Manual Integrations
APPROVED

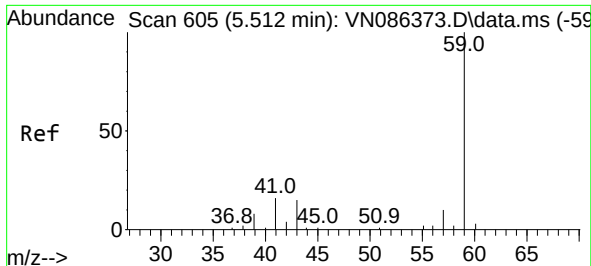
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#22
cis-1,2-Dichloroethene
Concen: 20.970 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

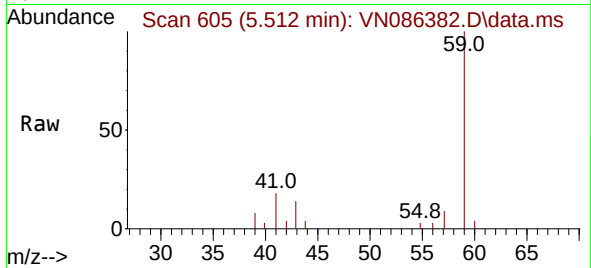
Tgt Ion: 96 Resp: 54611
Ion Ratio Lower Upper
96 100
61 140.7 120.6 181.0
98 63.2 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 108.593 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

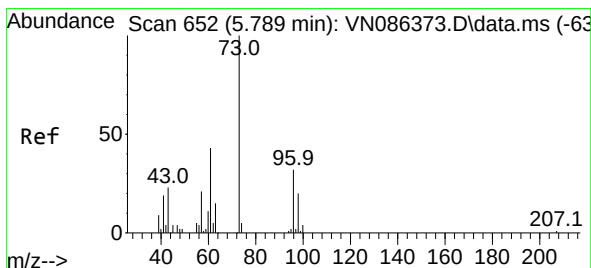
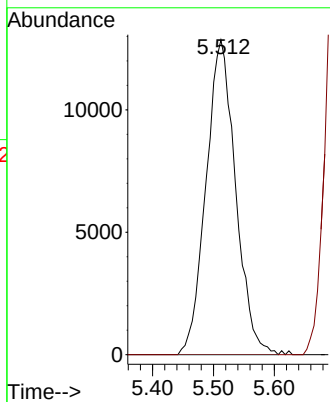
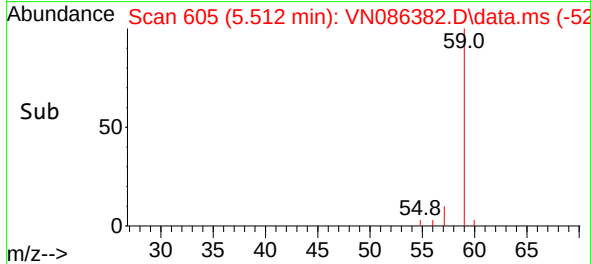
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



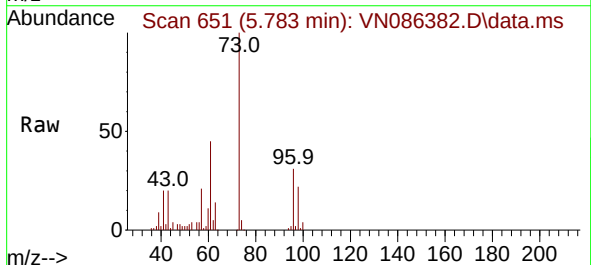
Tgt Ion: 59 Resp: 43362
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

Manual Integrations
APPROVED

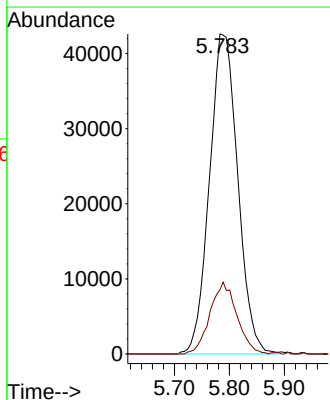
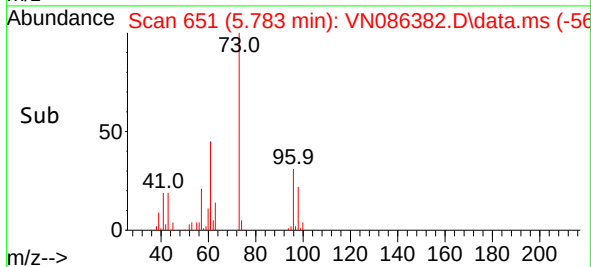
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

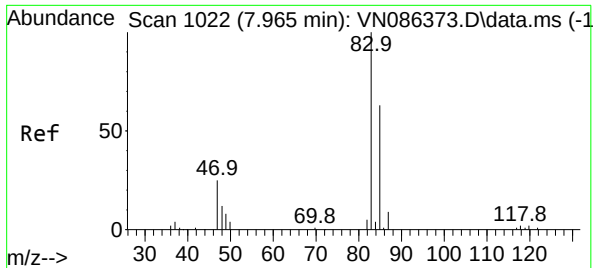


#24
Methyl tert-Butyl Ether
Concen: 21.137 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02



Tgt Ion: 73 Resp: 152593
Ion Ratio Lower Upper
73 100
43 21.2 17.1 25.7





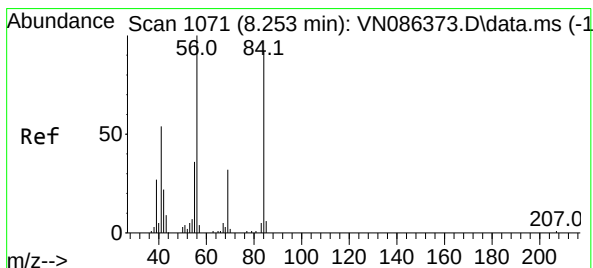
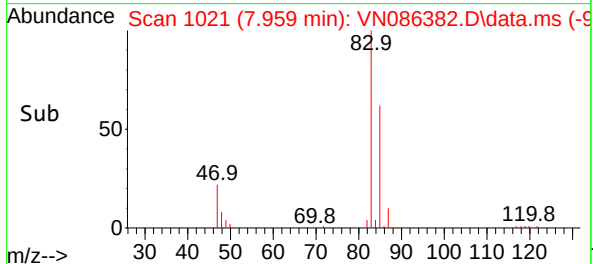
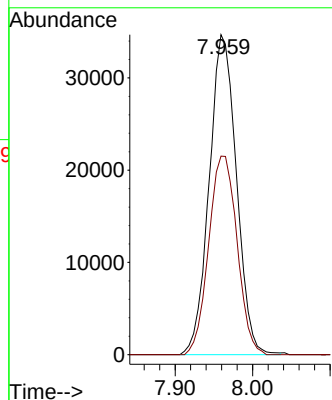
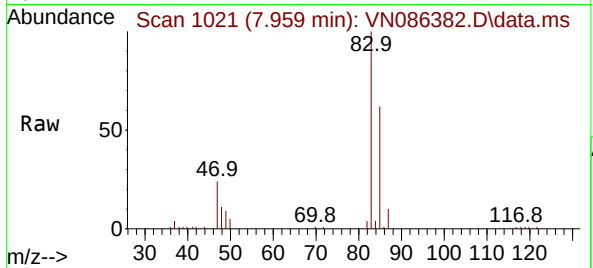
#25
Chloroform
Concen: 20.608 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01

Tgt Ion: 83 Resp: 84814
Ion Ratio Lower Upper
83 100
85 62.0 50.2 75.2

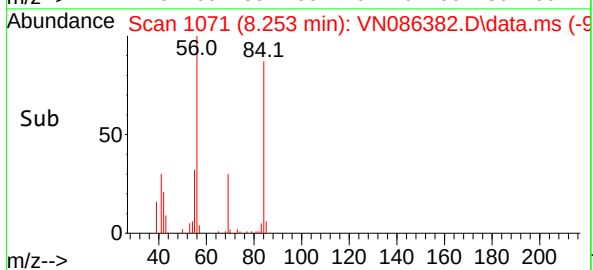
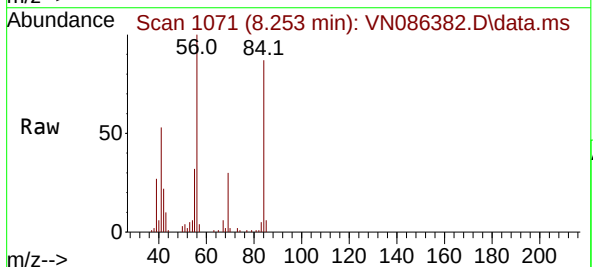
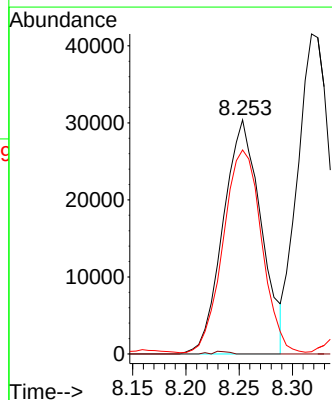
Manual Integrations
APPROVED

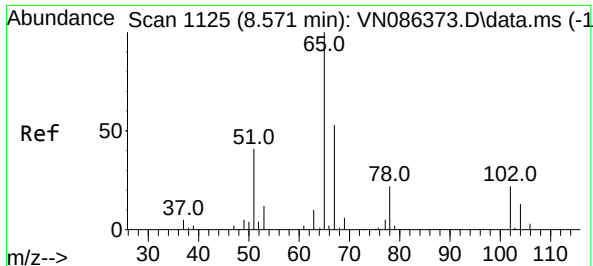
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#26
Cyclohexane
Concen: 21.016 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

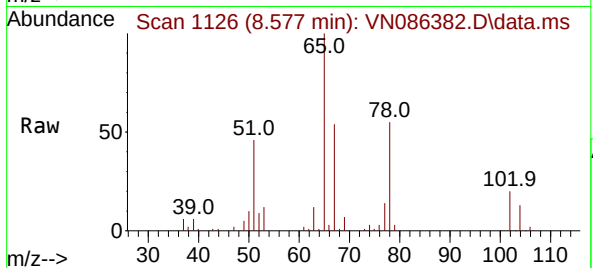
Tgt Ion: 56 Resp: 75458
Ion Ratio Lower Upper
56 100
89 0.4 0.0 0.0#
84 88.9 71.5 107.3





#27
1,2-Dichloroethane-d4
Concen: 30.856 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

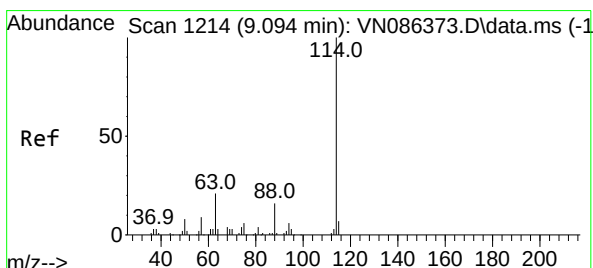
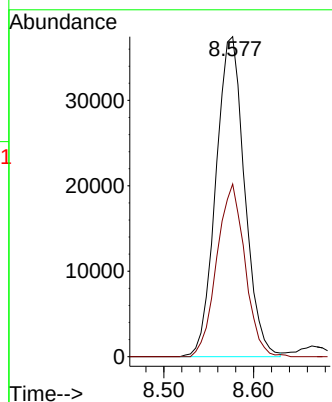
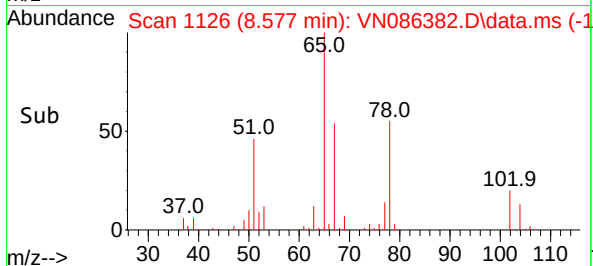
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 65 Resp: 8332
Ion Ratio Lower Upper
65 100
67 52.7 42.5 63.7

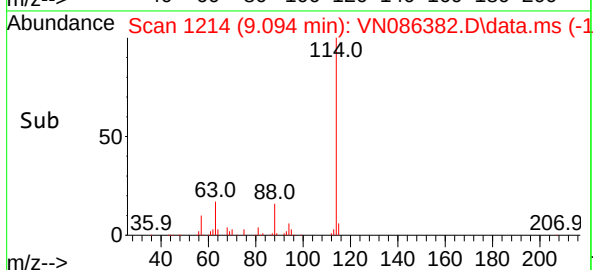
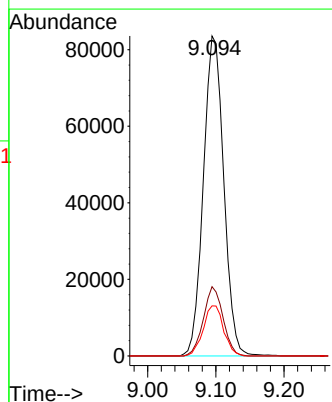
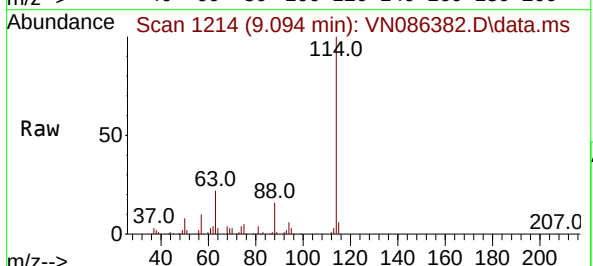
Manual Integrations
APPROVED

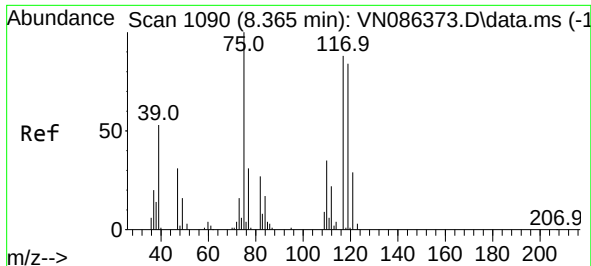
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Tgt Ion:114 Resp: 174005
Ion Ratio Lower Upper
114 100
63 20.8 16.7 25.1
88 15.6 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.765 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086382.D

Acq: 23 Apr 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0423WBS01

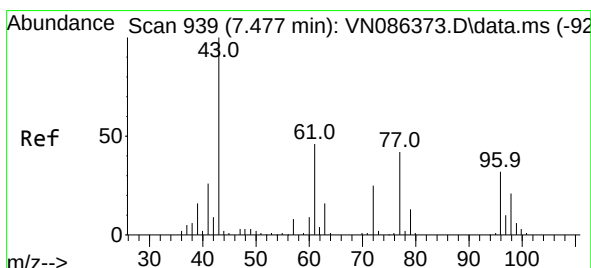
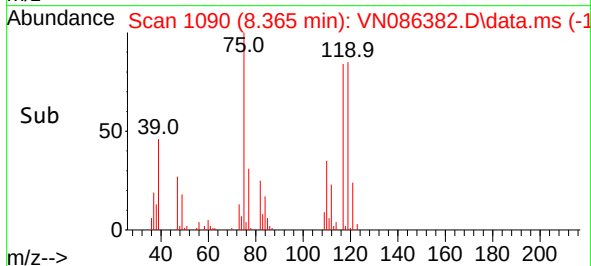
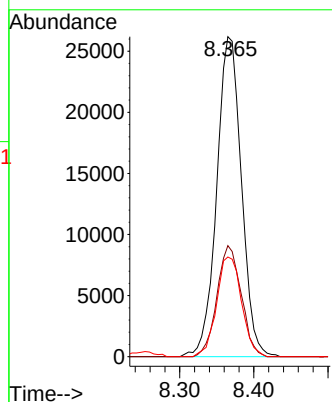
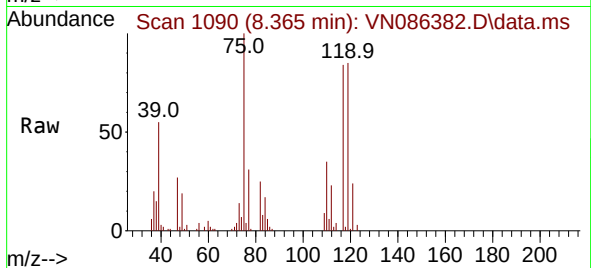
Tgt Ion: 75	Resp: 6063
Ion Ratio	Lower Upper
75 100	
110 33.9	0.0 68.0
77 31.5	0.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#30

2-Butanone

Concen: 105.054 ug/l

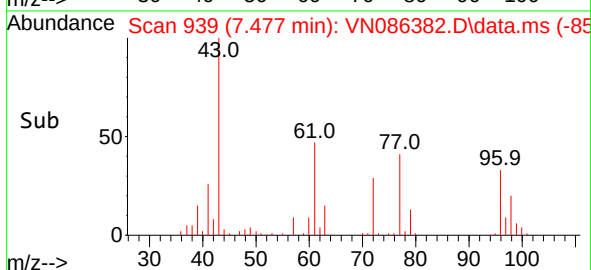
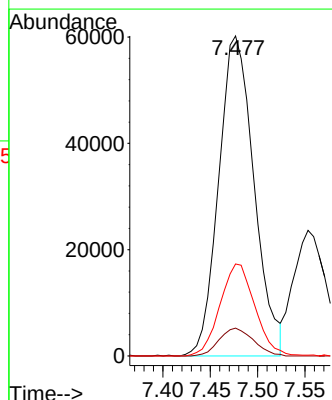
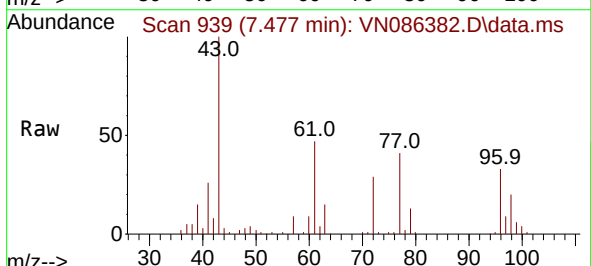
RT: 7.477 min Scan# 939

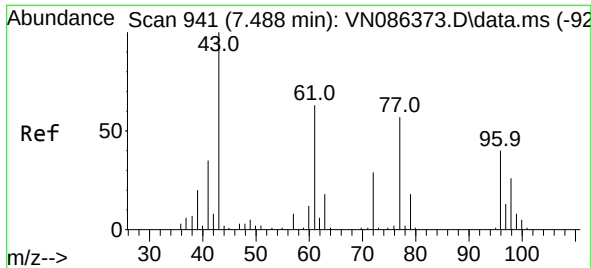
Delta R.T. 0.000 min

Lab File: VN086382.D

Acq: 23 Apr 2025 15:02

Tgt Ion: 43	Resp: 156415
Ion Ratio	Lower Upper
43 100	
57 8.4	6.6 10.0
72 28.3	22.2 33.4





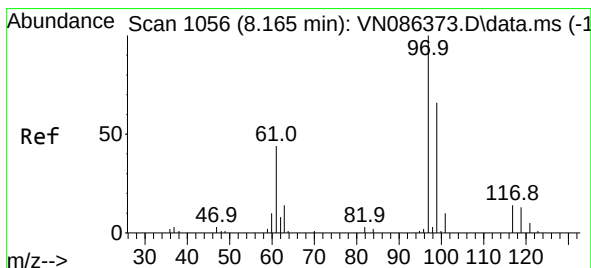
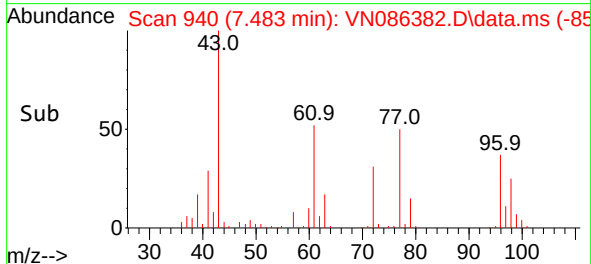
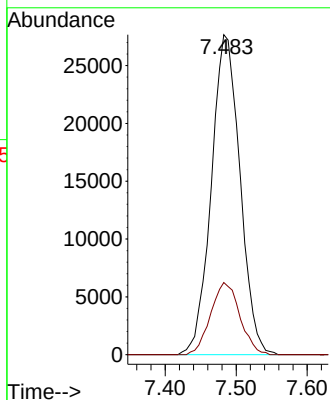
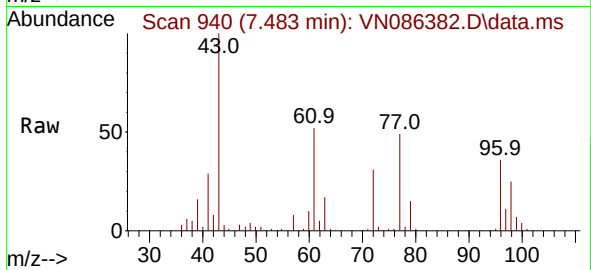
#31
2,2-Dichloropropane
Concen: 19.676 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01

Tgt Ion: 77 Resp: 77589
Ion Ratio Lower Upper
77 100
97 22.9 18.2 27.2

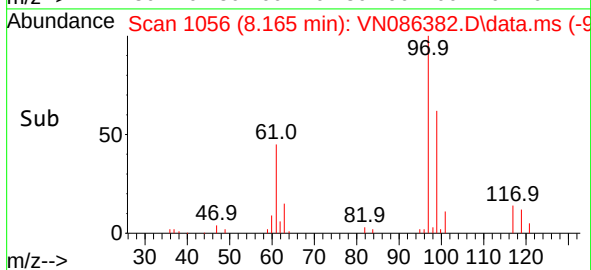
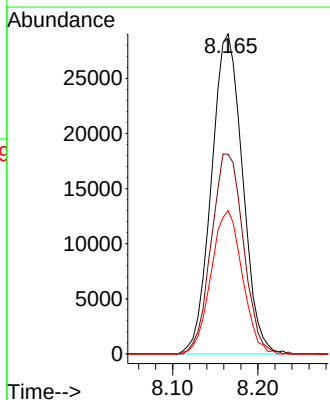
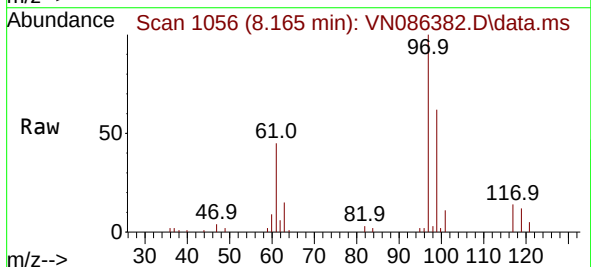
Manual Integrations
APPROVED

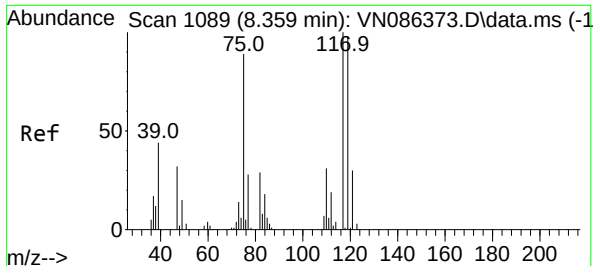
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#32
1,1,1-Trichloroethane
Concen: 20.065 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

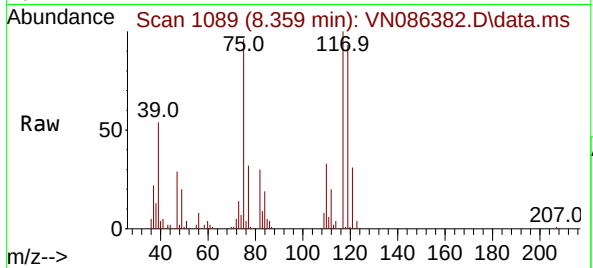
Tgt Ion: 97 Resp: 73550
Ion Ratio Lower Upper
97 100
99 64.7 52.6 79.0
61 45.2 36.4 54.6





#33
Carbon Tetrachloride
Concen: 19.878 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

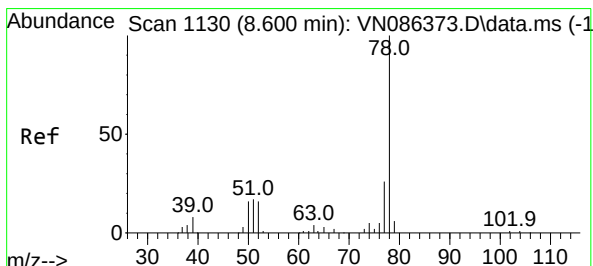
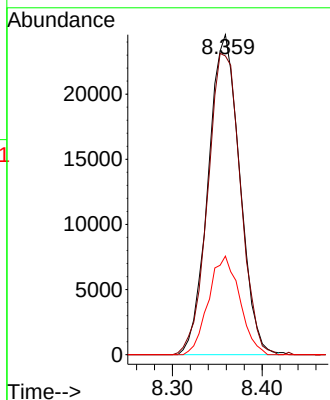
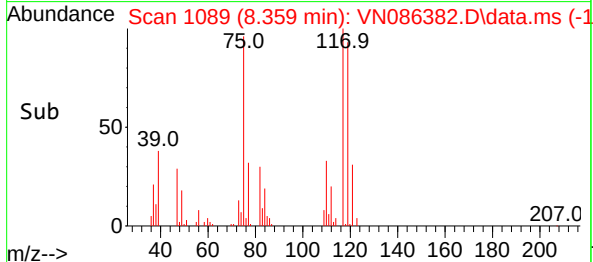
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 117 Resp: 5998
Ion Ratio Lower Upper
117 100
119 93.4 78.6 117.8
121 30.8 24.0 36.0

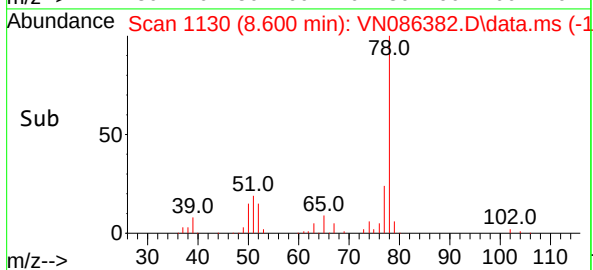
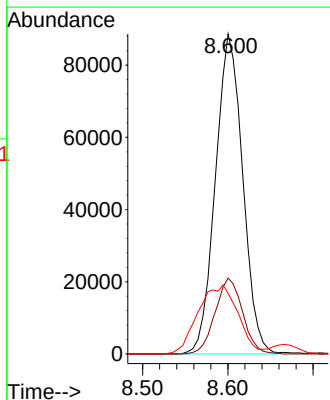
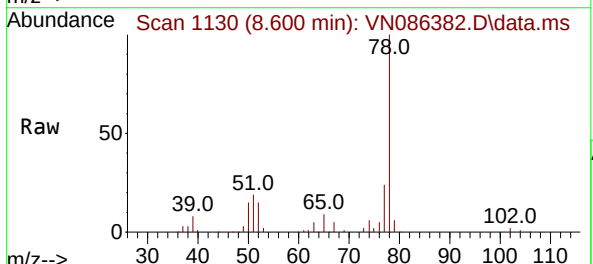
Manual Integrations
APPROVED

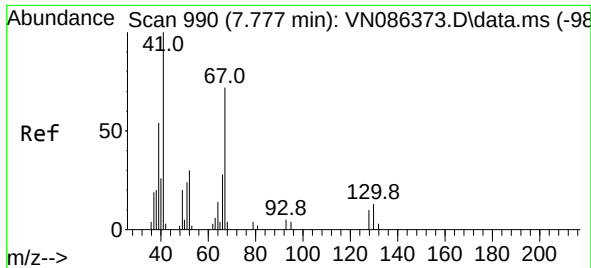
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#34
Benzene
Concen: 20.191 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

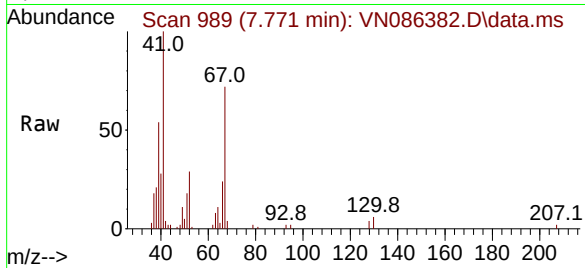
Tgt Ion: 78 Resp: 196998
Ion Ratio Lower Upper
78 100
77 23.7 20.8 31.2
51 17.4 14.0 21.0





#35
Methacrylonitrile
Concen: 20.439 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

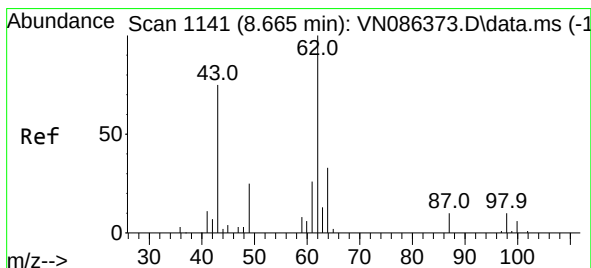
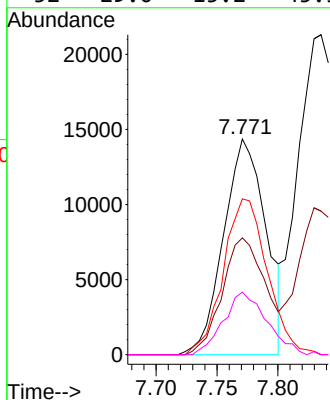
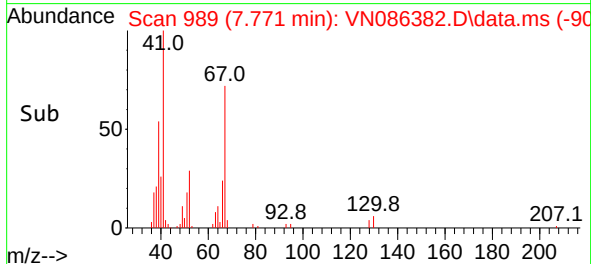
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 41 Resp: 34714
Ion Ratio Lower Upper
41 100
39 54.1 27.0 80.8
67 72.3 35.8 107.3
52 29.0 15.2 45.5

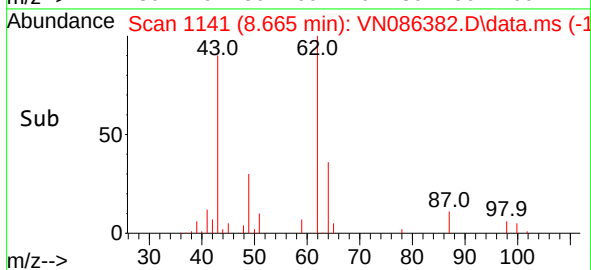
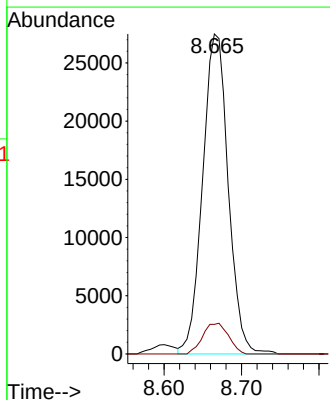
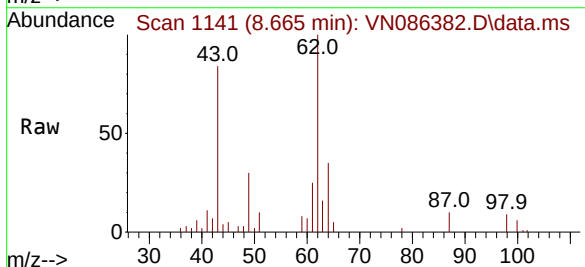
Manual Integrations
APPROVED

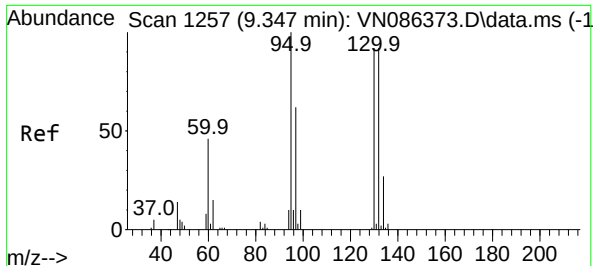
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#36
1,2-Dichloroethane
Concen: 19.915 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Tgt Ion: 62 Resp: 63085
Ion Ratio Lower Upper
62 100
98 9.6 7.6 11.4





#37

Trichloroethene

Concen: 19.176 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN086382.D

Acq: 23 Apr 2025 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0423WBS01

Tgt Ion:130 Resp: 4683

Ion Ratio Lower Upper

130 100

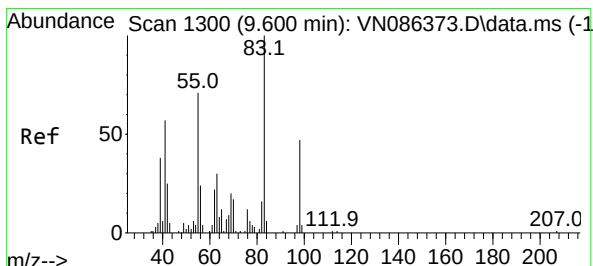
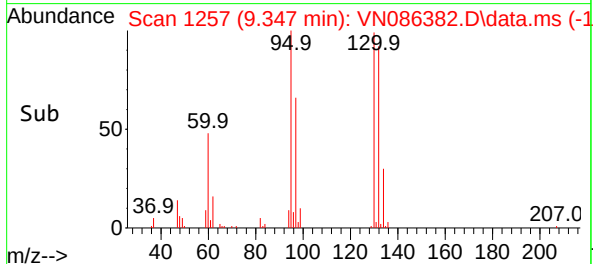
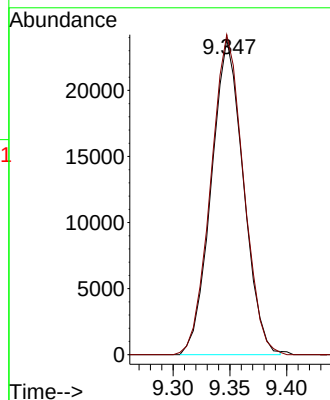
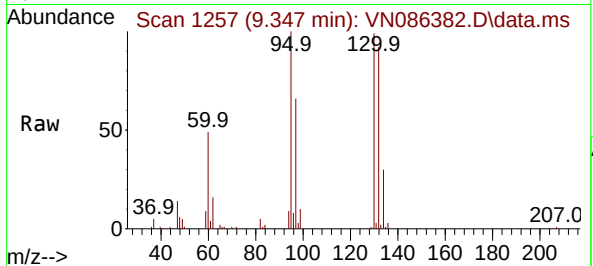
95 100.7 86.6 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#38

Methylcyclohexane

Concen: 19.648 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086382.D

Acq: 23 Apr 2025 15:02

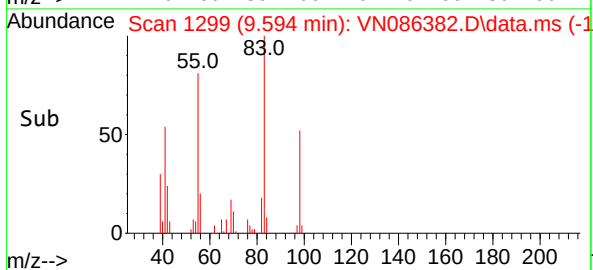
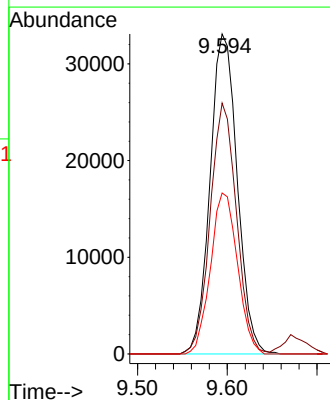
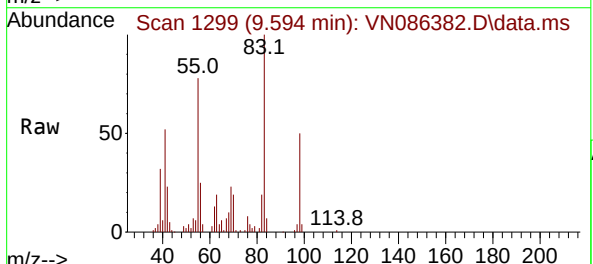
Tgt Ion: 83 Resp: 69608

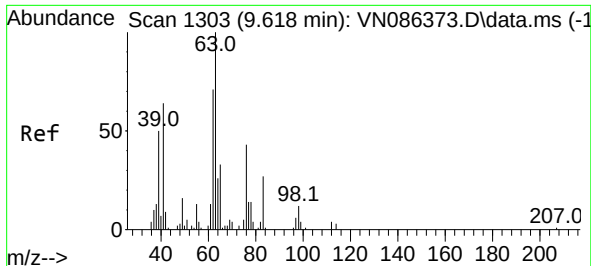
Ion Ratio Lower Upper

83 100

55 76.0 37.3 111.9

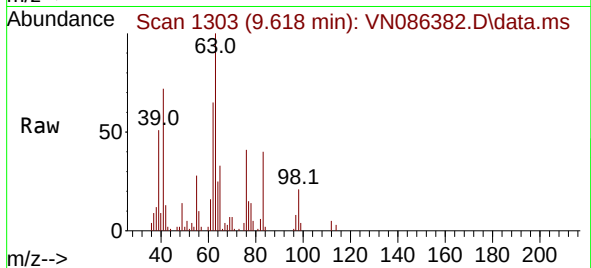
98 50.0 23.8 71.5





#39
1,2-Dichloropropane
Concen: 20.219 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

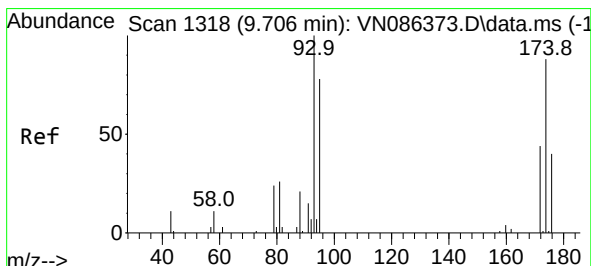
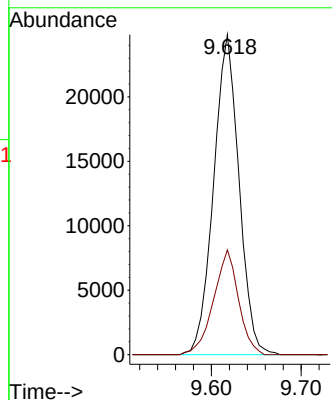
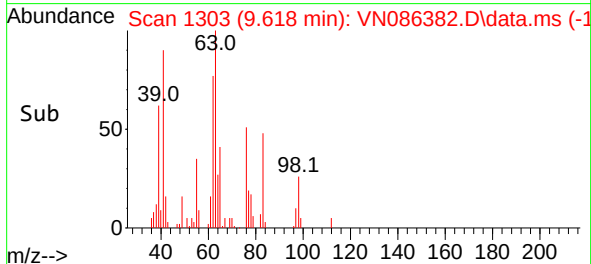
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 63 Resp: 4873
Ion Ratio Lower Upper
63 100
65 32.8 26.7 40.1

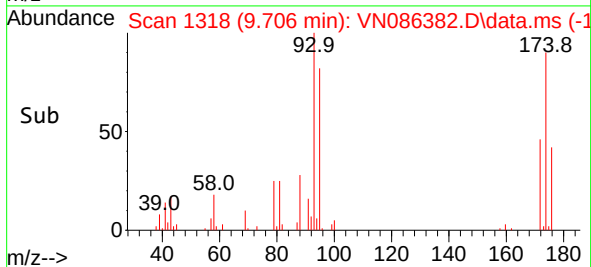
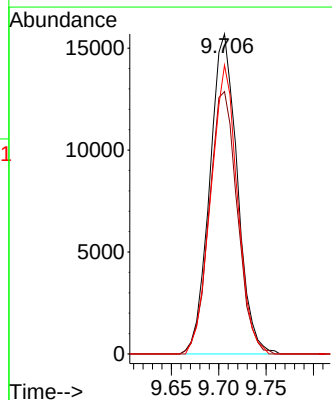
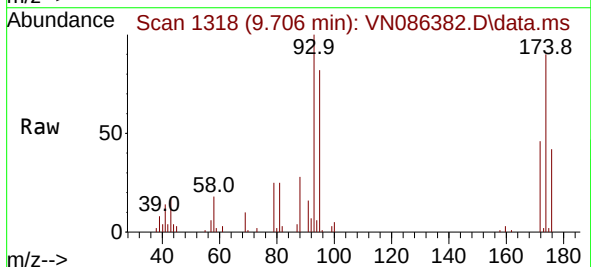
Manual Integrations
APPROVED

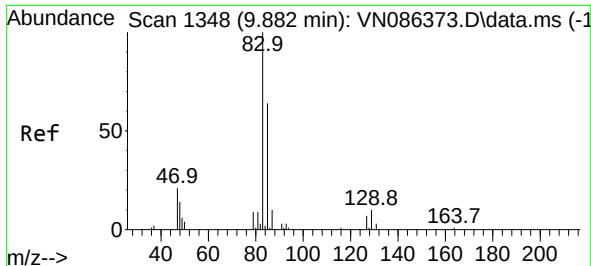
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#40
Dibromomethane
Concen: 19.724 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Tgt Ion: 93 Resp: 31793
Ion Ratio Lower Upper
93 100
95 83.7 0.0 159.2
174 87.4 0.0 171.4





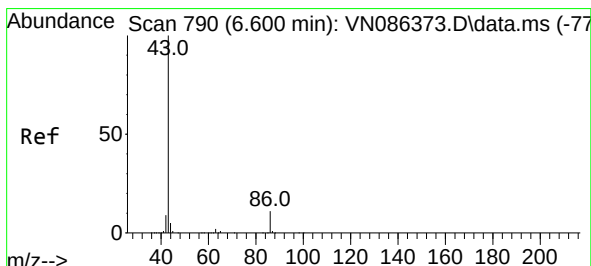
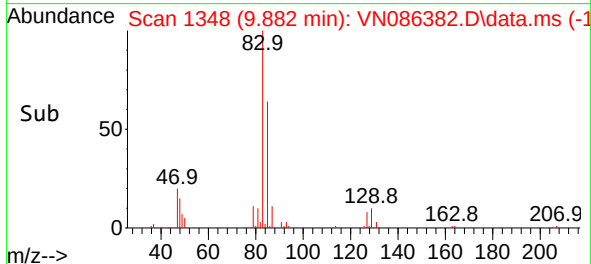
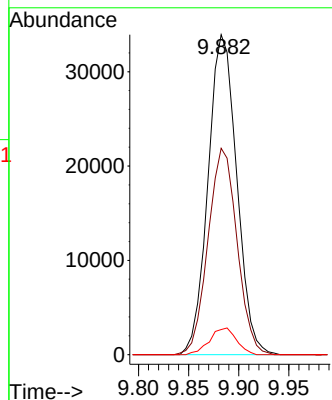
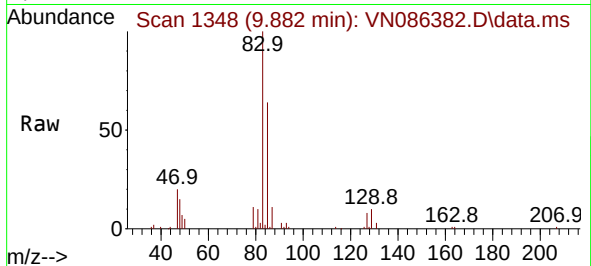
#41
Bromodichloromethane
Concen: 19.825 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01

Tgt Ion: 83 Resp: 6762
Ion Ratio Lower Upper
83 100
85 64.5 51.1 76.7
127 7.9 5.9 8.9

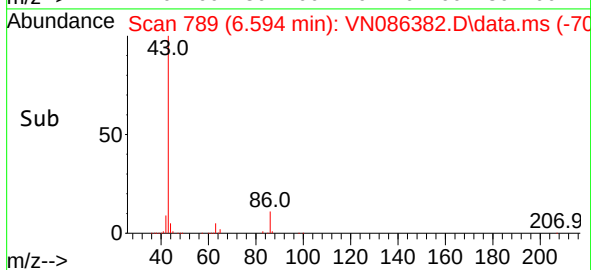
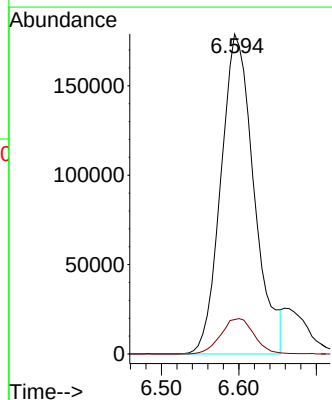
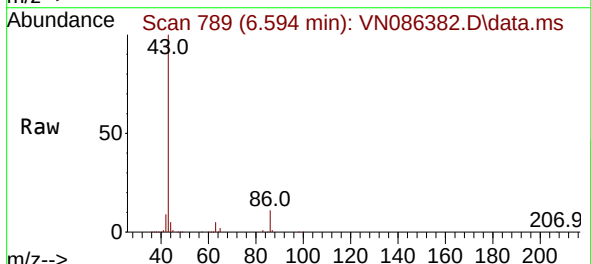
Manual Integrations
APPROVED

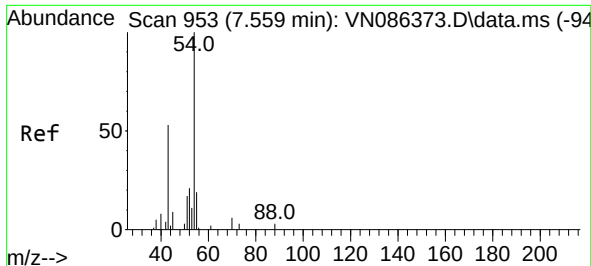
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#42
Vinyl Acetate
Concen: 103.201 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

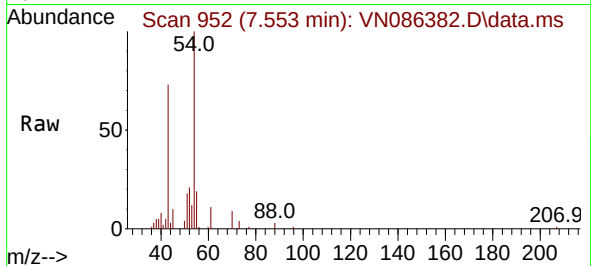
Tgt Ion: 43 Resp: 532279
Ion Ratio Lower Upper
43 100
86 11.2 8.9 13.3





#43
Ethyl Acetate
Concen: 19.802 ug/l m
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

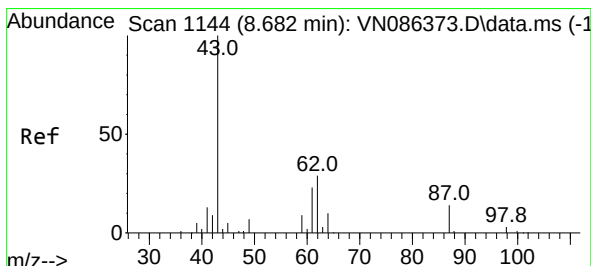
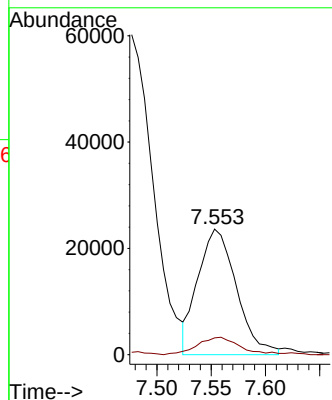
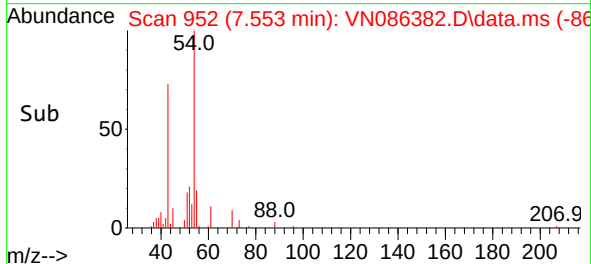
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 43 Resp: 5834
Ion Ratio Lower Upper
43 100
45 15.3 11.4 17.2

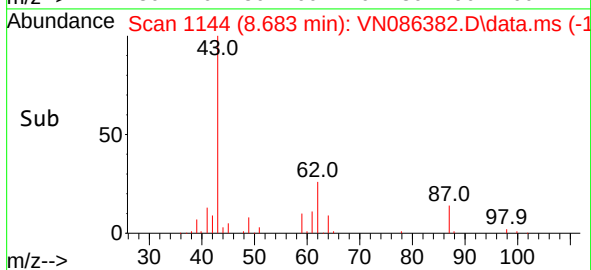
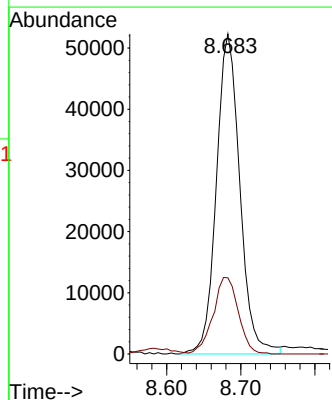
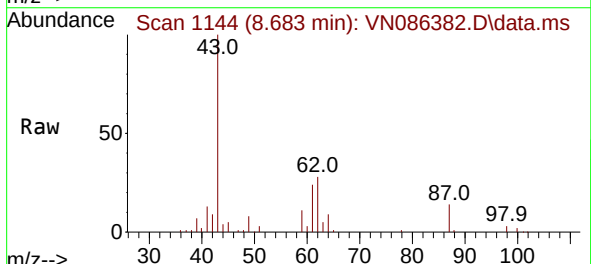
Manual Integrations
APPROVED

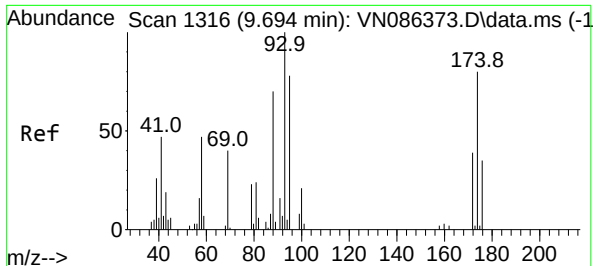
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#44
Isopropyl Acetate
Concen: 20.578 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

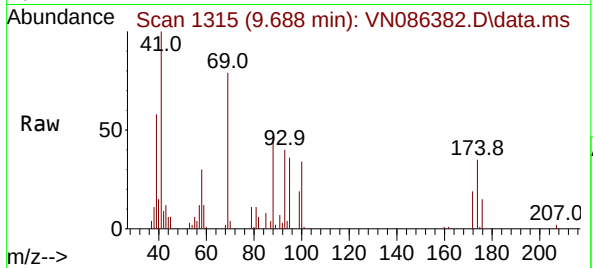
Tgt Ion: 43 Resp: 115079
Ion Ratio Lower Upper
43 100
61 25.7 21.0 31.4





#45
1,4-Dioxane
Concen: 385.290 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

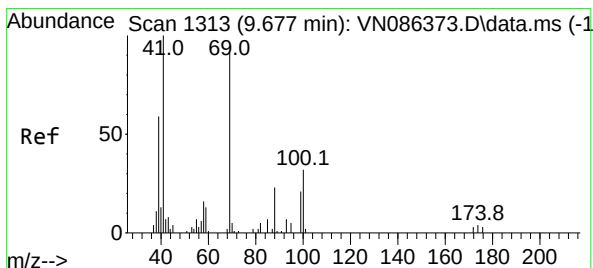
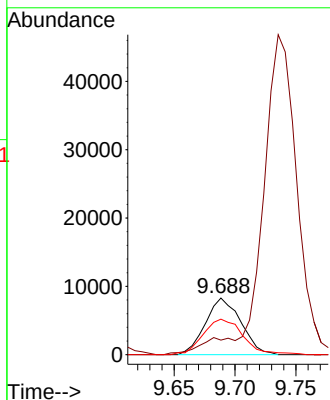
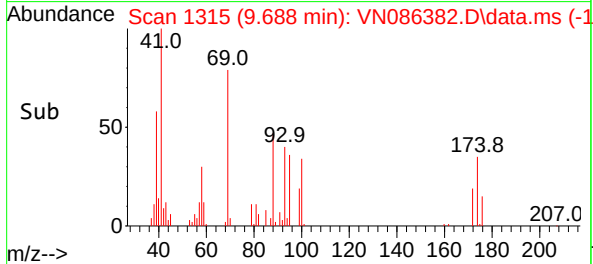
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 88 Resp: 1681
Ion Ratio Lower Upper
88 100
43 29.7 24.9 37.3
58 71.0 57.8 86.8

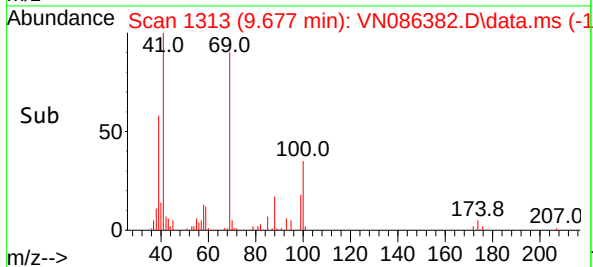
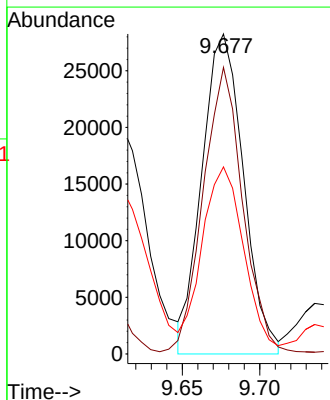
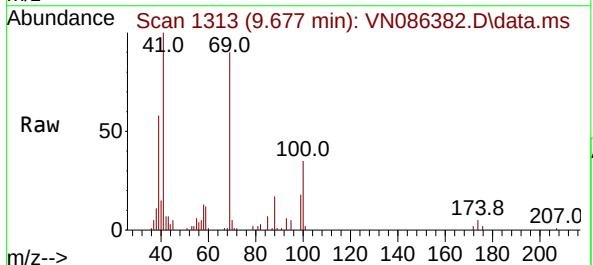
Manual Integrations
APPROVED

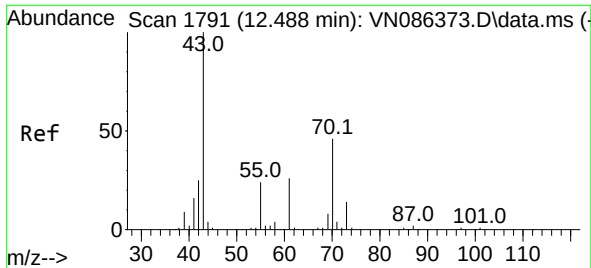
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#46
Methyl methacrylate
Concen: 20.399 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Tgt Ion: 41 Resp: 52620
Ion Ratio Lower Upper
41 100
69 90.9 44.1 132.3
39 58.1 30.0 90.1





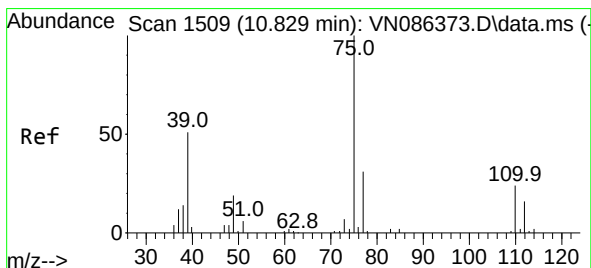
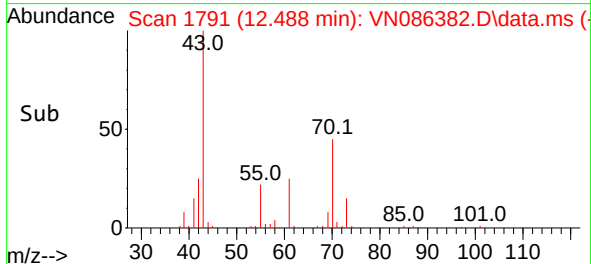
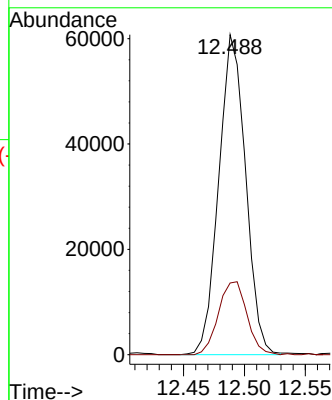
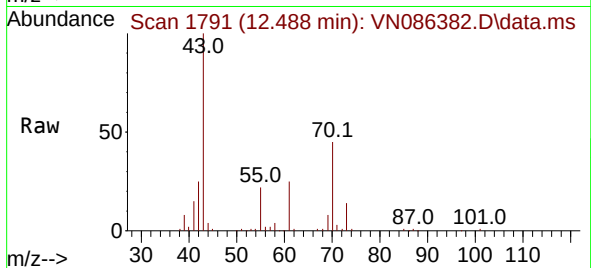
#47
n-amy1 Acetate
Concen: 19.540 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01

Tgt Ion: 43 Resp: 9313
Ion Ratio Lower Upper
43 100
55 24.2 19.4 29.0

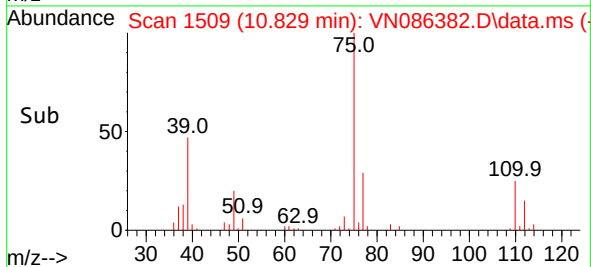
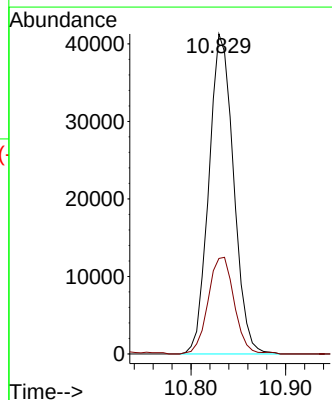
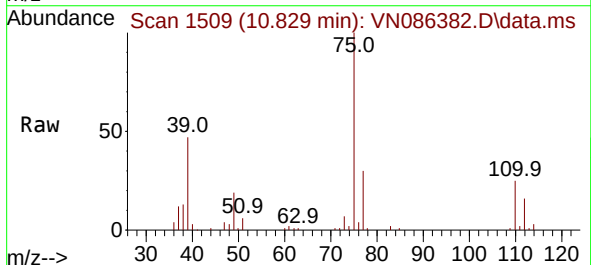
Manual Integrations
APPROVED

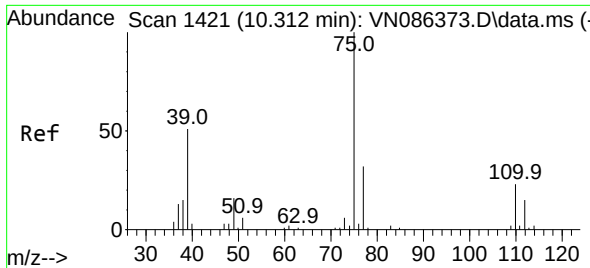
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#48
t-1,3-Dichloropropene
Concen: 19.605 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

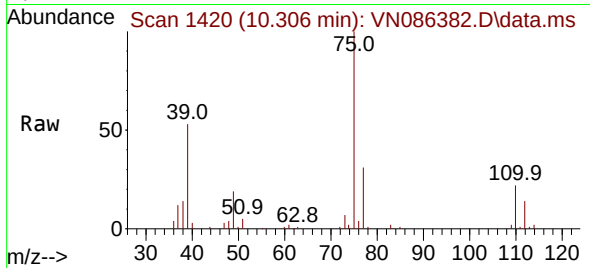
Tgt Ion: 75 Resp: 74764
Ion Ratio Lower Upper
75 100
77 29.9 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.915 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086382.D
 Acq: 23 Apr 2025 15:02

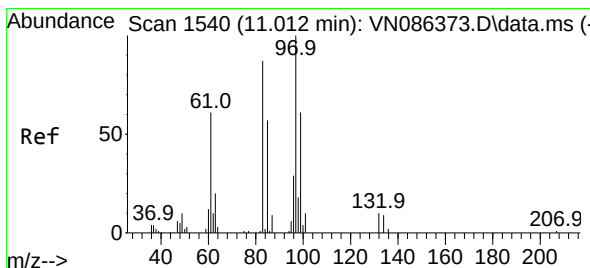
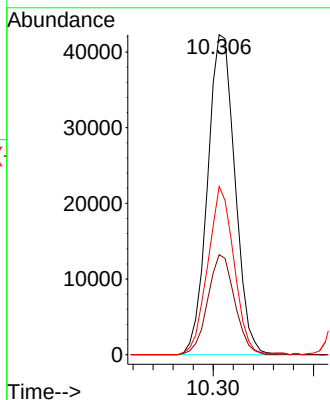
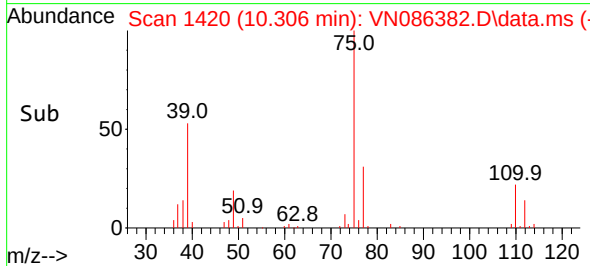
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBS01



Tgt Ion: 75 Resp: 80090
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4
 39 52.5 40.6 60.8

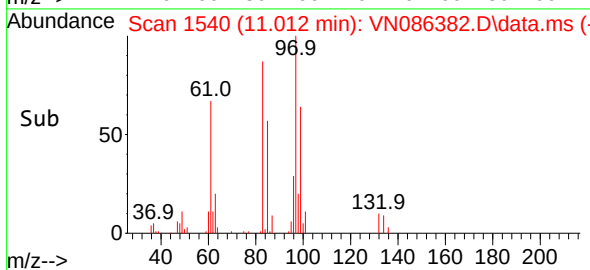
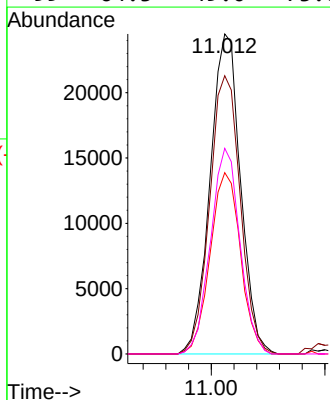
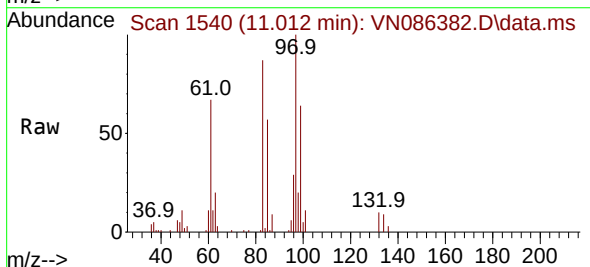
Manual Integrations
 APPROVED

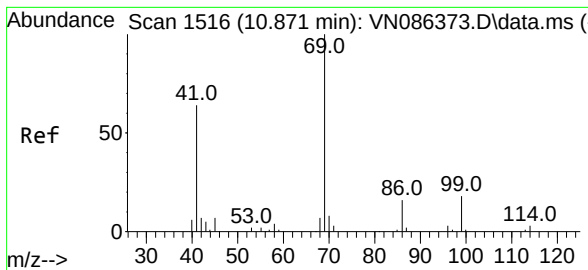
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.251 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086382.D
 Acq: 23 Apr 2025 15:02

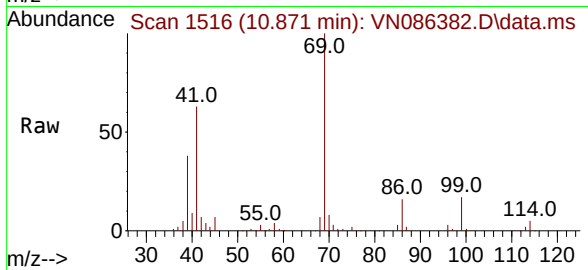
Tgt Ion: 97 Resp: 45595
 Ion Ratio Lower Upper
 97 100
 83 87.0 69.3 103.9
 85 56.6 45.5 68.3
 99 64.3 49.0 73.6





#51
Ethyl methacrylate
Concen: 19.996 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

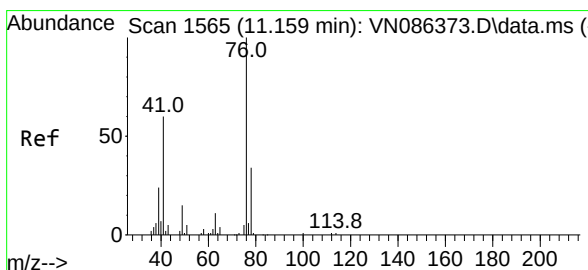
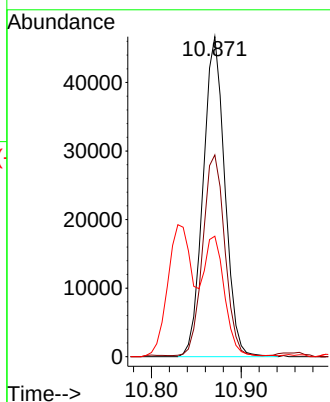
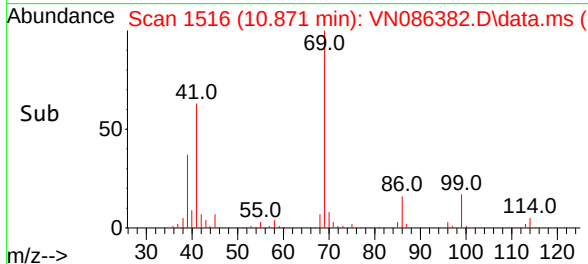
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 69 Resp: 78410
Ion Ratio Lower Upper
69 100
41 62.6 32.3 96.8
39 37.3 19.1 57.1

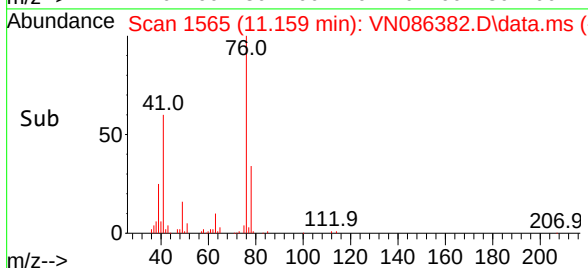
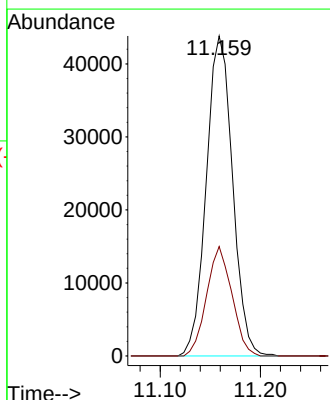
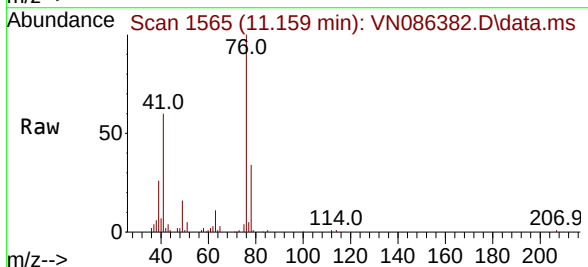
Manual Integrations
APPROVED

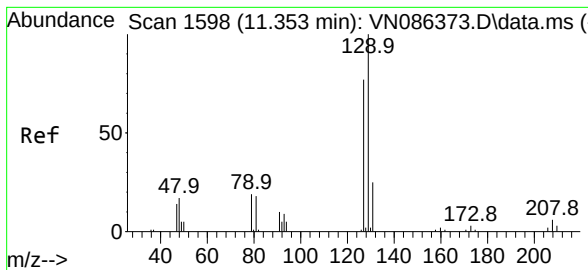
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
1,3-Dichloropropane
Concen: 20.070 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

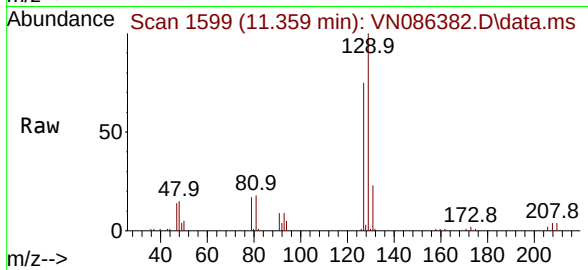
Tgt Ion: 76 Resp: 79865
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.6





#53
 Dibromochloromethane
 Concen: 19.572 ug/l
 RT: 11.359 min Scan# 1598
 Delta R.T. 0.006 min
 Lab File: VN086382.D
 Acq: 23 Apr 2025 15:02

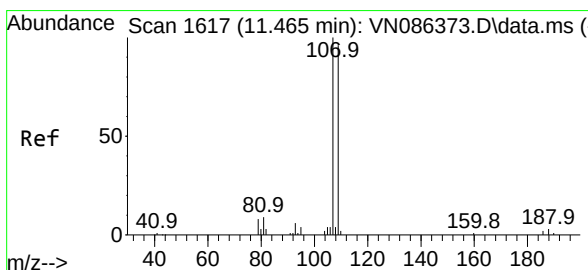
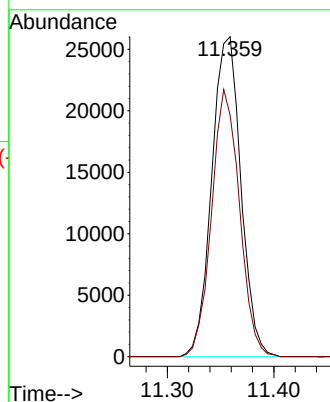
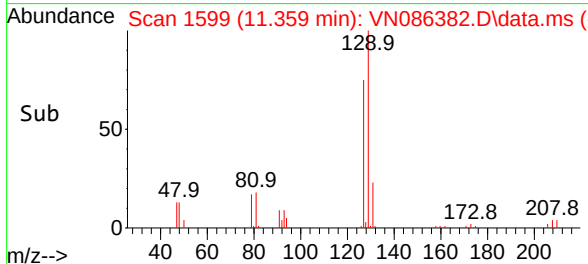
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBS01



Tgt Ion:129 Resp: 4948
 Ion Ratio Lower Upper
 129 100
 127 79.9 38.8 116.3

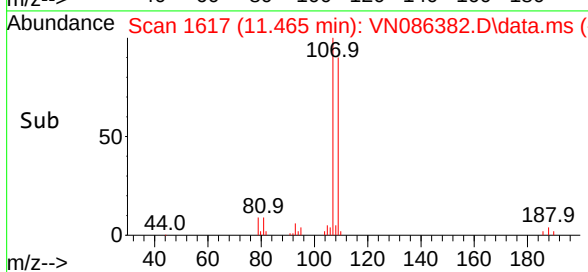
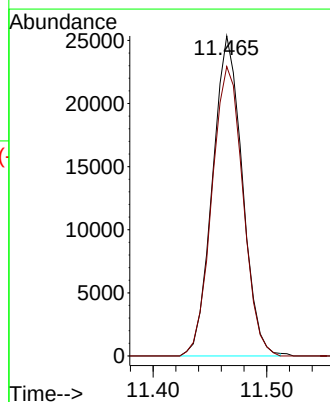
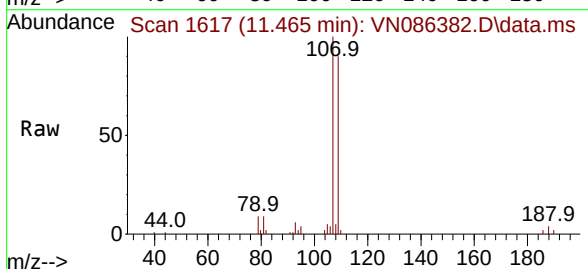
Manual Integrations
 APPROVED

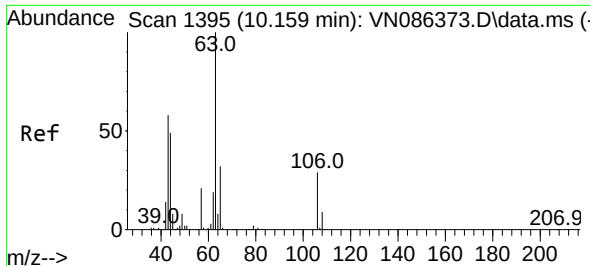
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#54
 1,2-Dibromoethane
 Concen: 20.135 ug/l
 RT: 11.465 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VN086382.D
 Acq: 23 Apr 2025 15:02

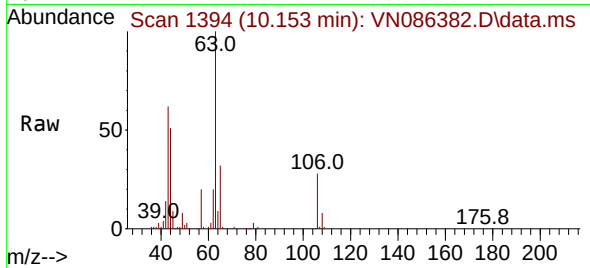
Tgt Ion:107 Resp: 46094
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 94.250 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

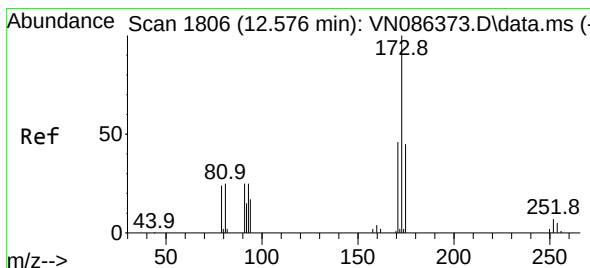
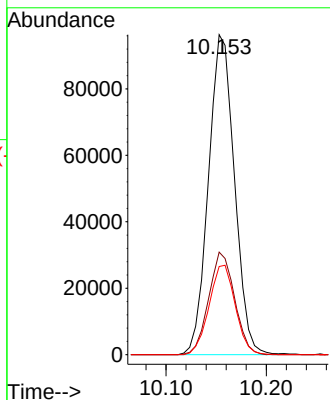
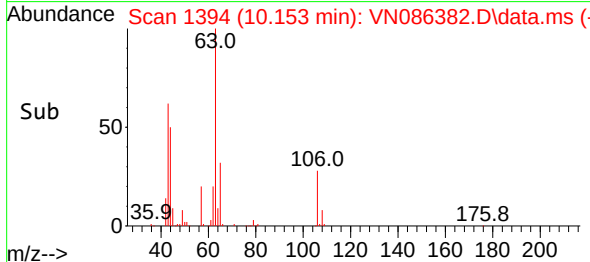
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 63 Resp: 173758
Ion Ratio Lower Upper
63 100
65 31.8 25.7 38.5
106 28.2 22.3 33.5

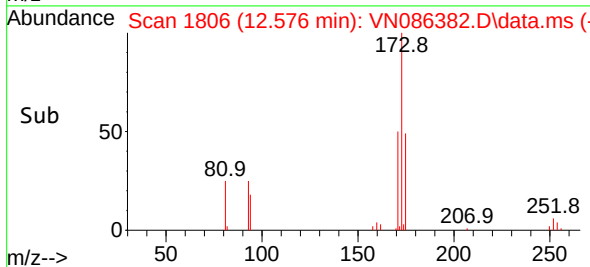
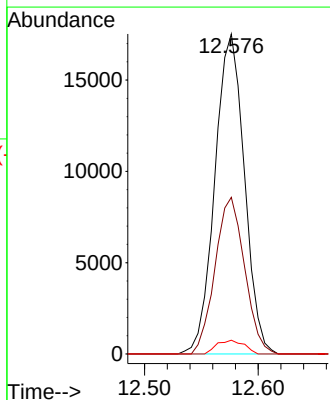
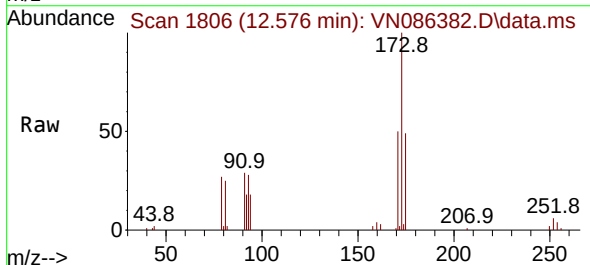
Manual Integrations
APPROVED

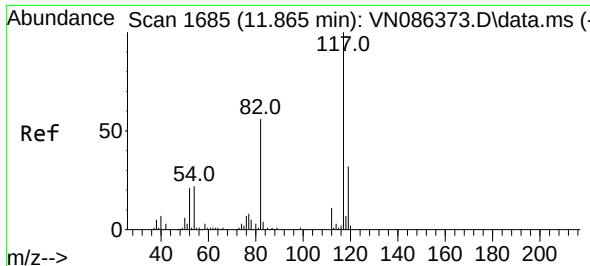
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#56
Bromoform
Concen: 19.267 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

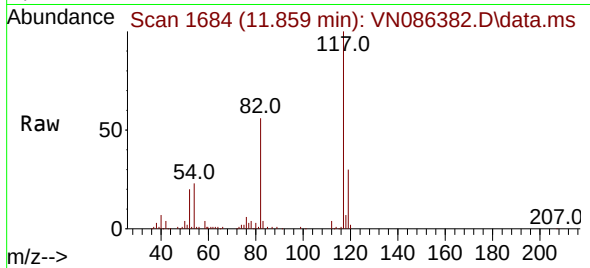
Tgt Ion:173 Resp: 31610
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.6
254 4.0 3.8 5.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

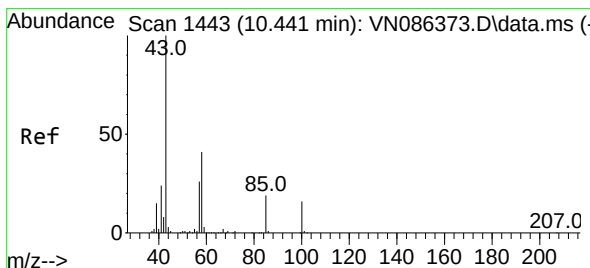
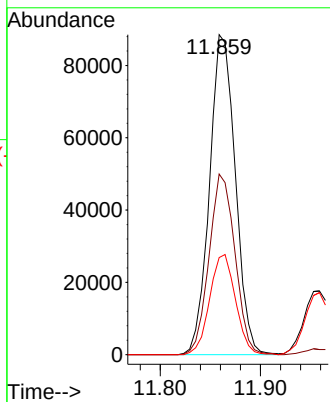
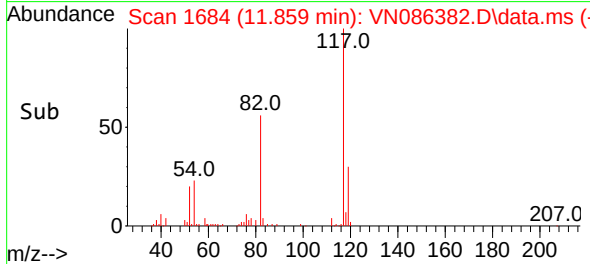
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 117 Resp: 158590
Ion Ratio Lower Upper
117 100
82 56.6 45.5 68.3
119 31.3 25.9 38.9

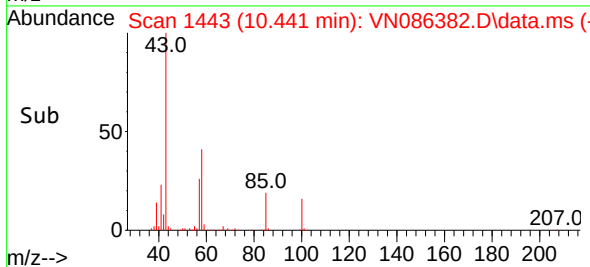
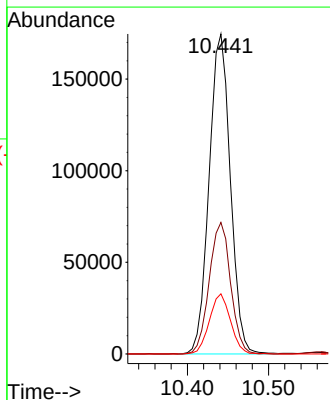
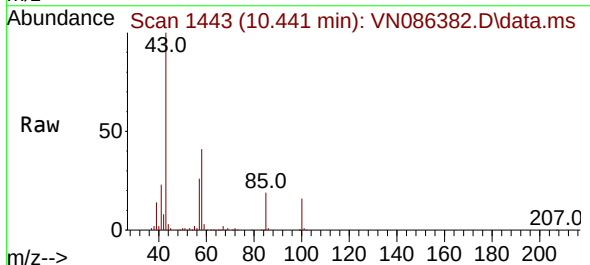
Manual Integrations
APPROVED

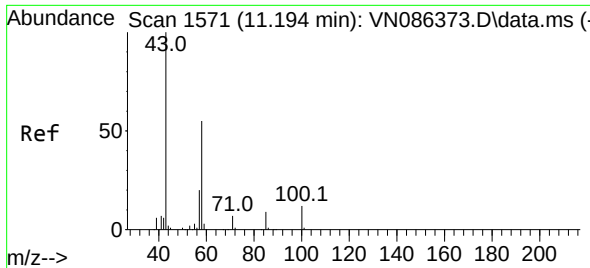
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#58
4-Methyl-2-Pentanone
Concen: 103.465 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

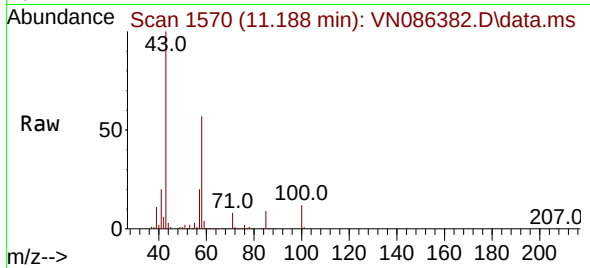
Tgt Ion: 43 Resp: 317539
Ion Ratio Lower Upper
43 100
58 41.4 33.0 49.6
85 18.6 14.9 22.3





#59
2-Hexanone
Concen: 103.670 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

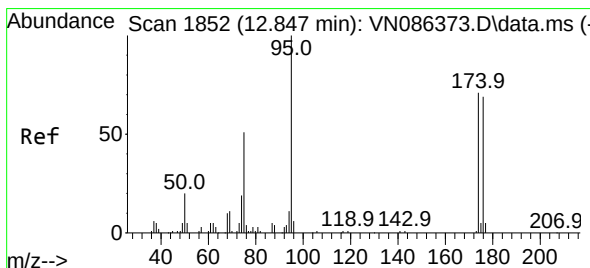
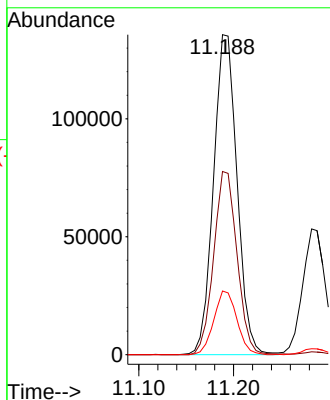
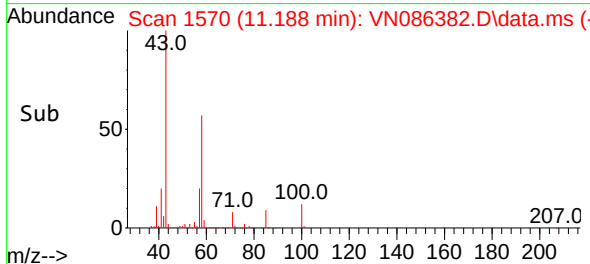
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 43 Resp: 23446
Ion Ratio Lower Upper
43 100
58 56.7 45.0 67.6
57 19.5 15.5 23.3

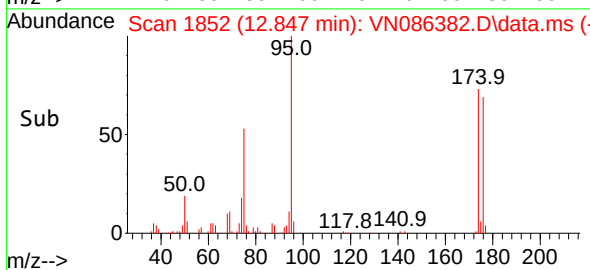
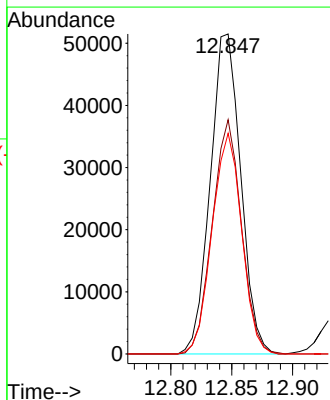
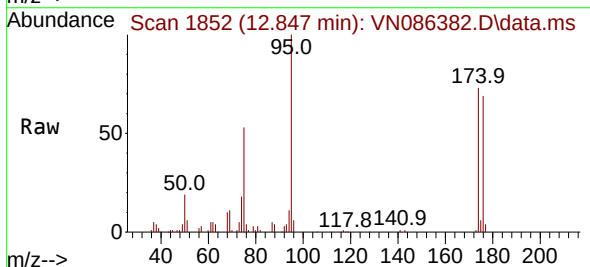
Manual Integrations
APPROVED

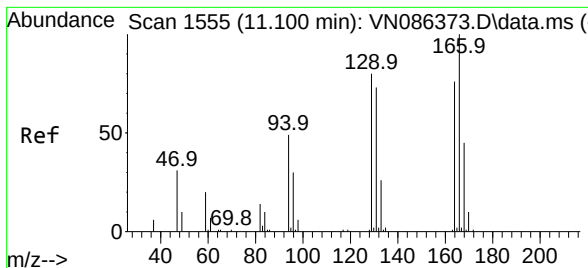
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#60
4-Bromofluorobenzene
Concen: 28.742 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

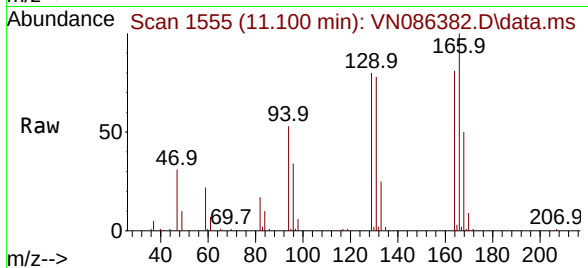
Tgt Ion: 95 Resp: 89590
Ion Ratio Lower Upper
95 100
174 70.1 56.6 84.8
176 66.9 53.3 79.9





#61
Tetrachloroethene
Concen: 19.362 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

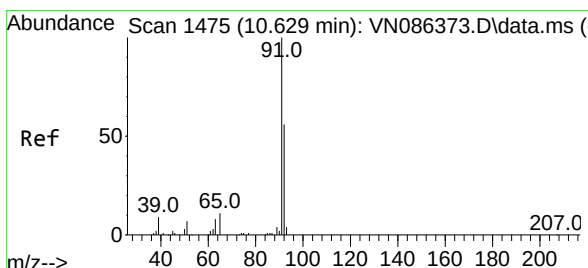
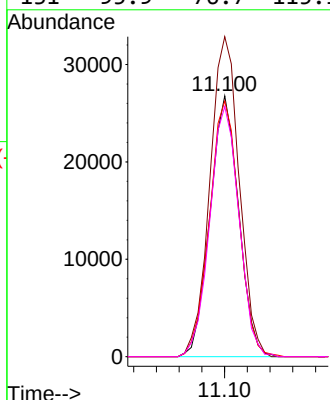
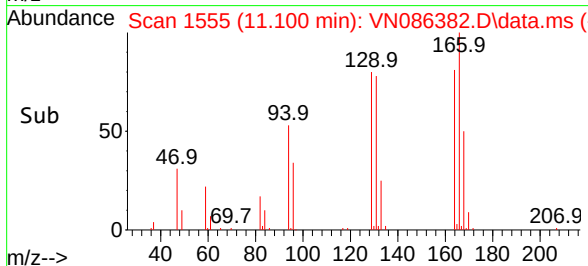
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



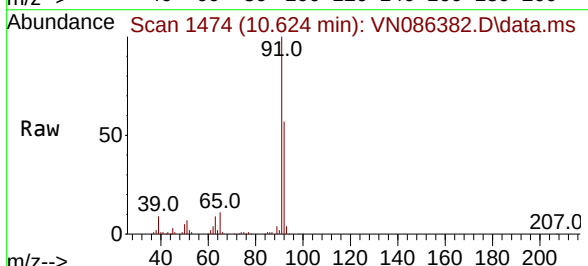
Tgt Ion:164 Resp: 4683
Ion Ratio Lower Upper
164 100
166 122.7 105.0 157.4
129 98.1 83.9 125.9
131 95.9 76.7 115.1

Manual Integrations
APPROVED

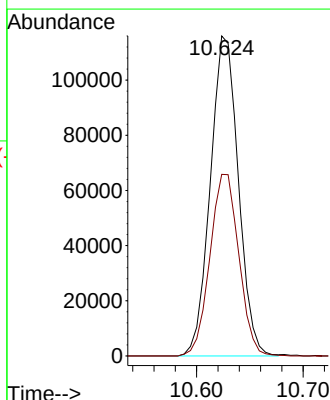
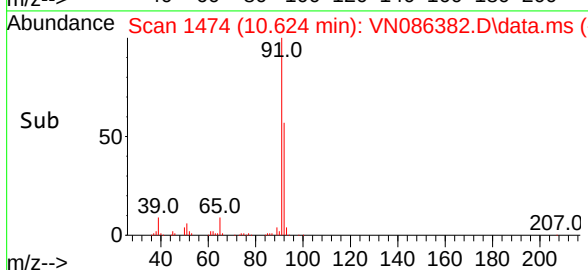
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

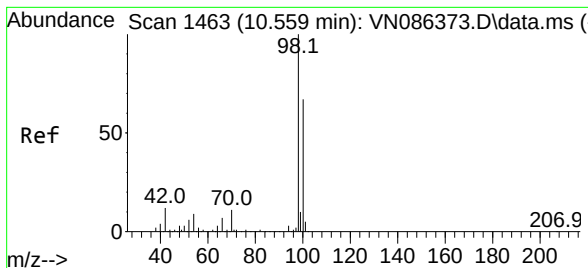


#62
Toluene
Concen: 19.971 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02



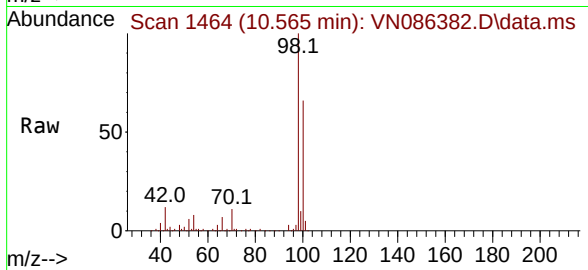
Tgt Ion: 91 Resp: 212008
Ion Ratio Lower Upper
91 100
92 58.5 45.7 68.5





#63
Toluene-d8
Concen: 29.999 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

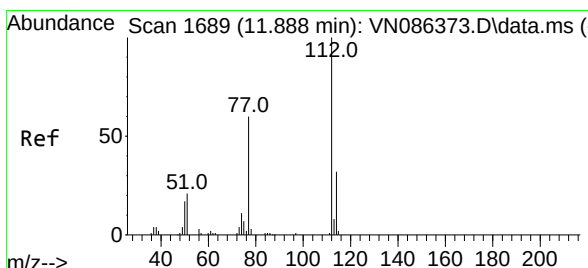
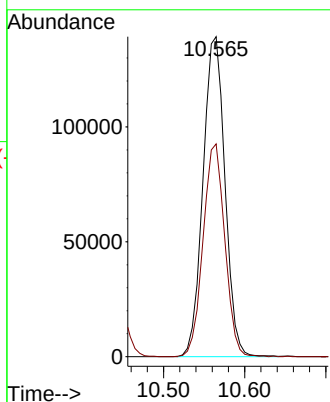
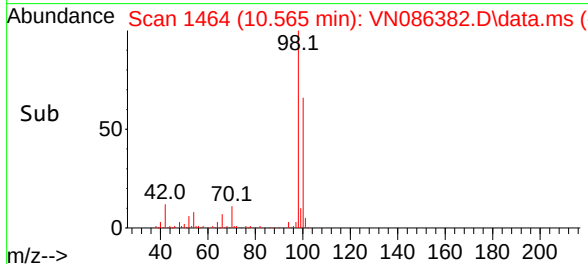
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 98 Resp: 261745
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

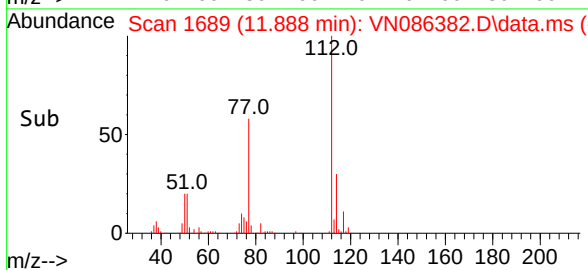
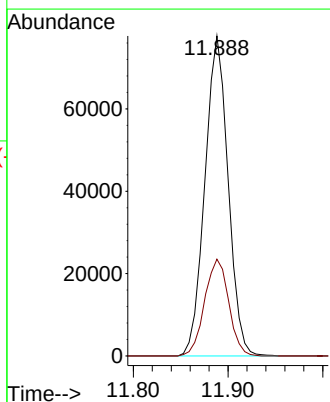
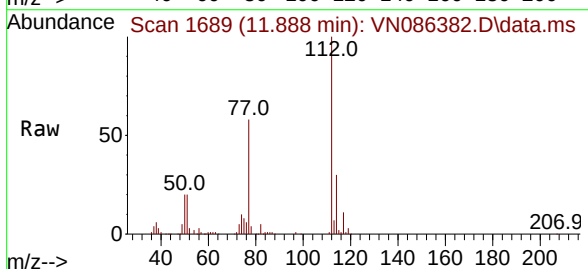
Manual Integrations
APPROVED

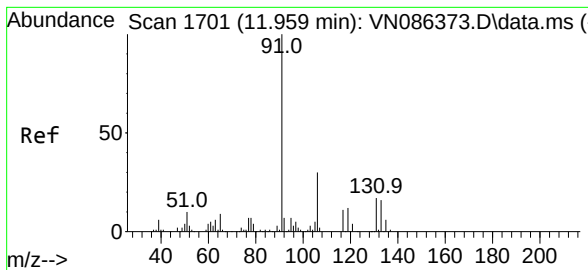
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Chlorobenzene
Concen: 19.987 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

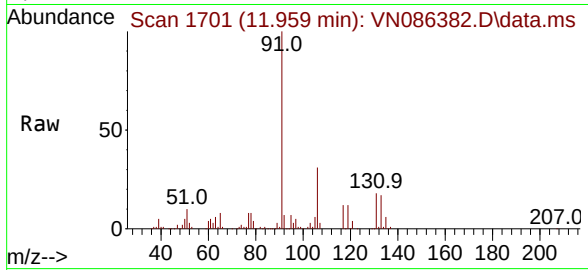
Tgt Ion:112 Resp: 132210
Ion Ratio Lower Upper
112 100
114 30.2 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.922 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

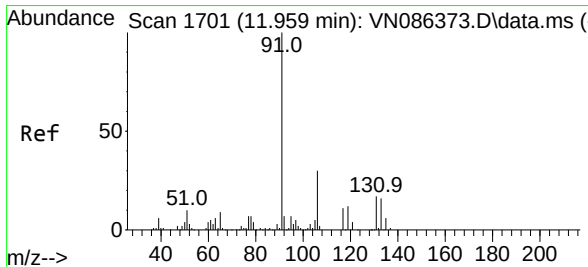
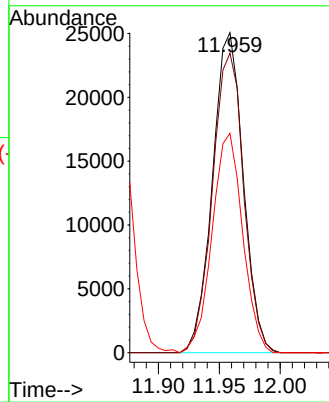
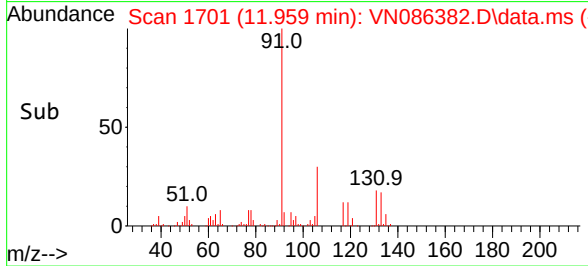
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



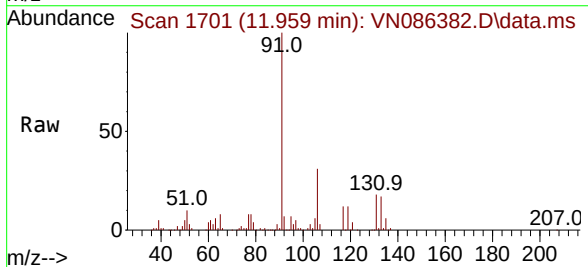
Tgt Ion:131 Resp: 4406
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.4
119 68.0 0.0 133.6

Manual Integrations
APPROVED

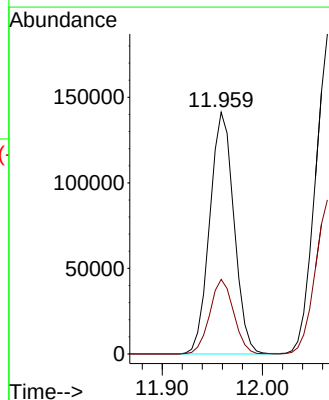
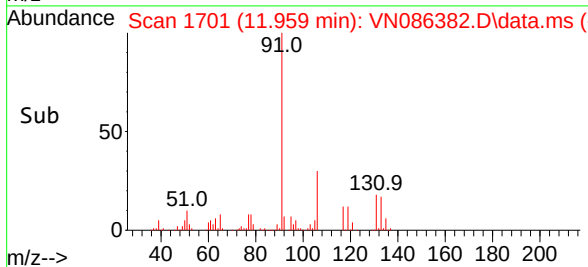
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

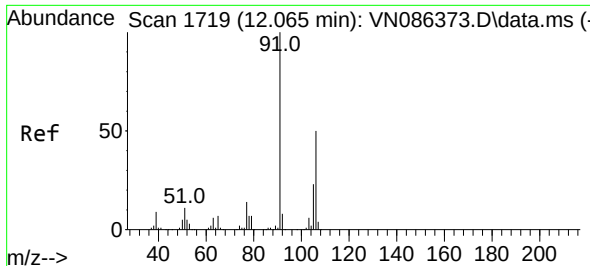


#66
Ethyl Benzene
Concen: 19.848 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02



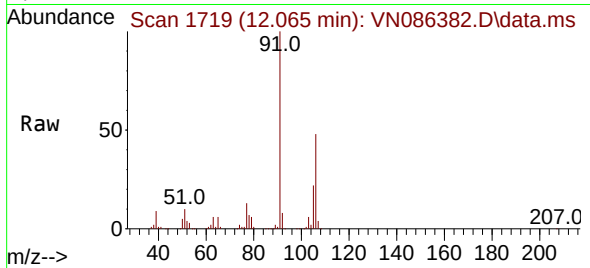
Tgt Ion: 91 Resp: 237165
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5





#67
m/p-Xylenes
Concen: 39.224 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

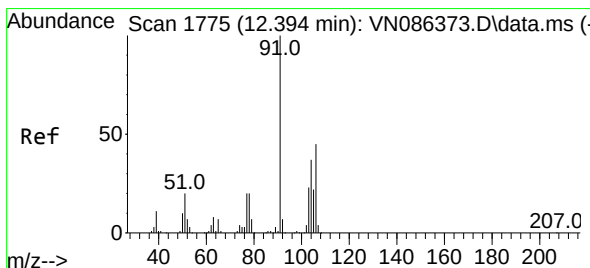
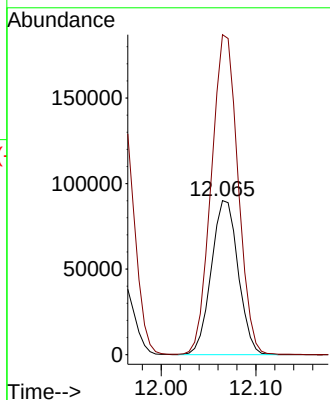
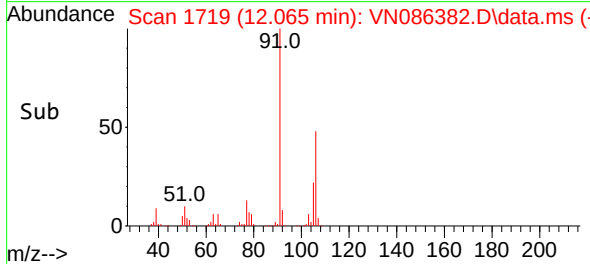
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



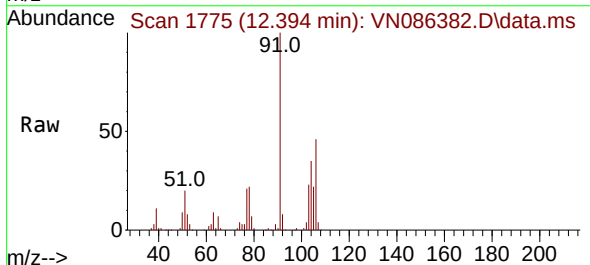
Tgt Ion:106 Resp: 17783
Ion Ratio Lower Upper
106 100
91 205.6 162.6 243.8

Manual Integrations
APPROVED

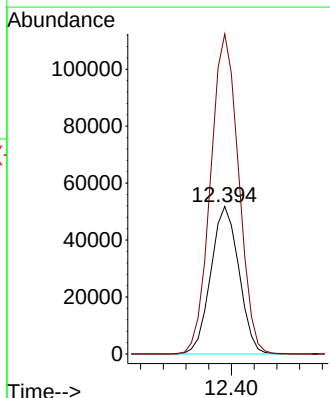
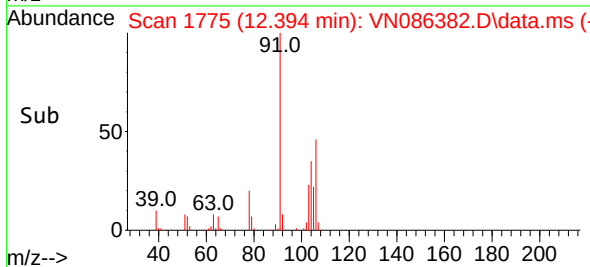
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

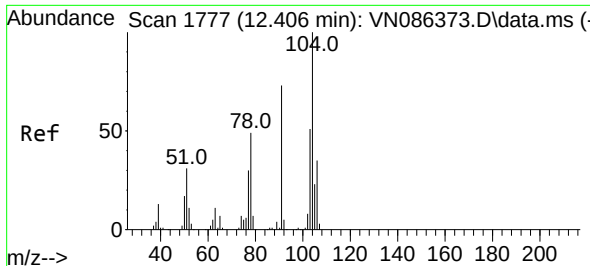


#68
o-Xylene
Concen: 20.033 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02



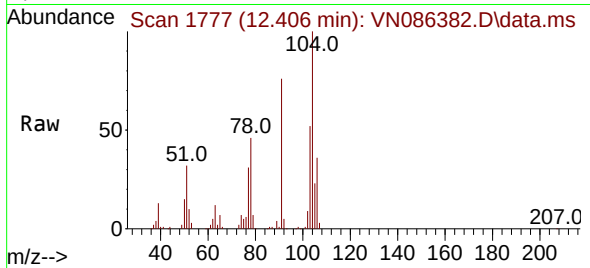
Tgt Ion:106 Resp: 88931
Ion Ratio Lower Upper
106 100
91 216.9 110.6 331.6





#69
Styrene
Concen: 19.595 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

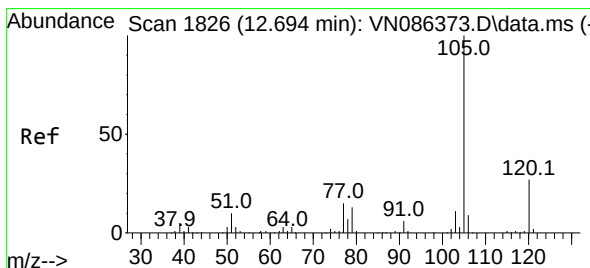
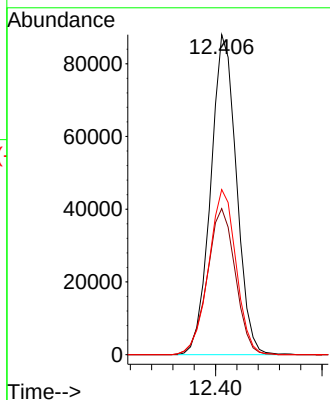
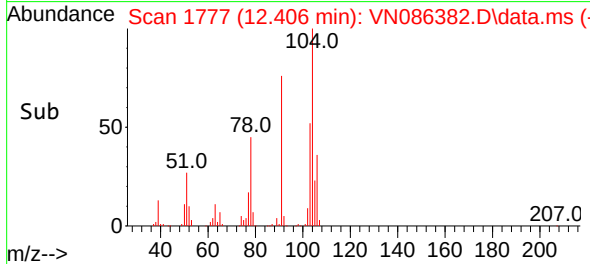
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



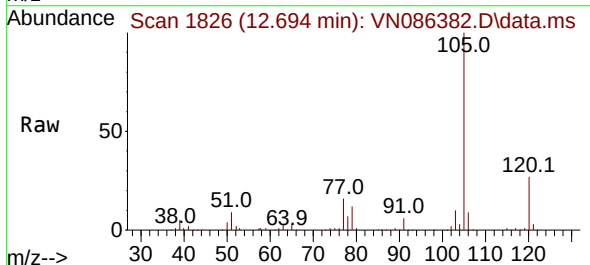
Tgt Ion:104 Resp: 147440
Ion Ratio Lower Upper
104 100
78 49.8 40.2 60.4
103 55.0 43.8 65.8

Manual Integrations
APPROVED

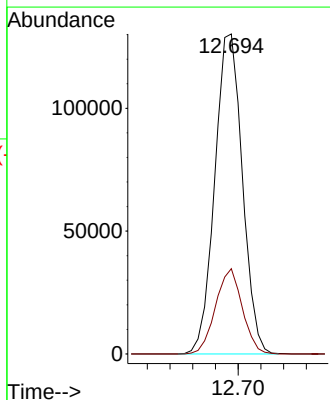
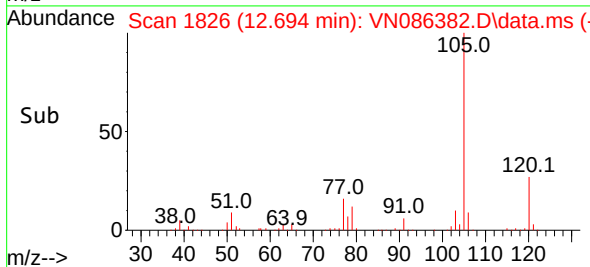
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

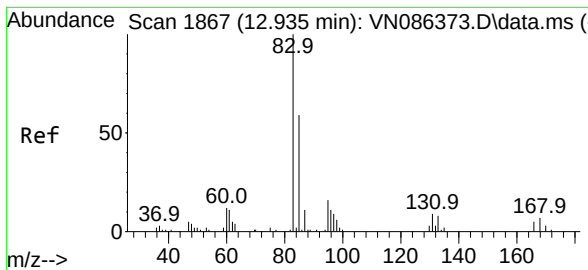


#70
Isopropylbenzene
Concen: 19.830 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02



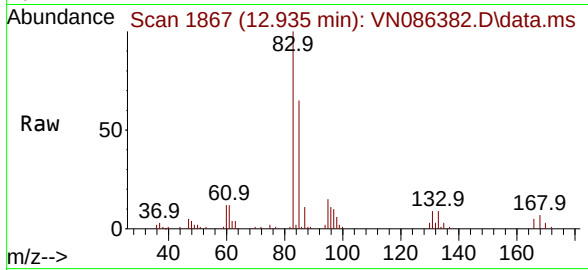
Tgt Ion:105 Resp: 219743
Ion Ratio Lower Upper
105 100
120 25.8 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 20.998 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

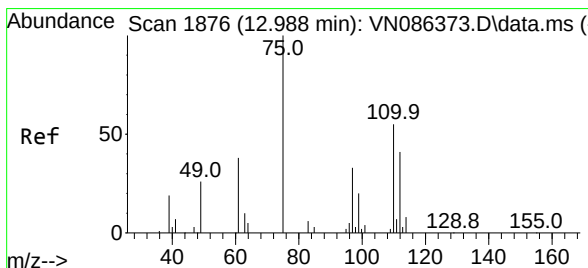
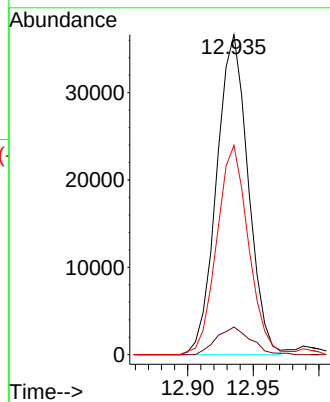
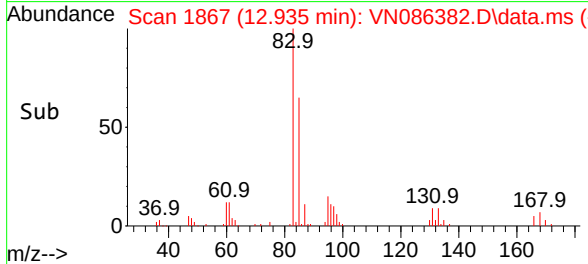
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 83 Resp: 6126
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 65.6 31.7 95.1

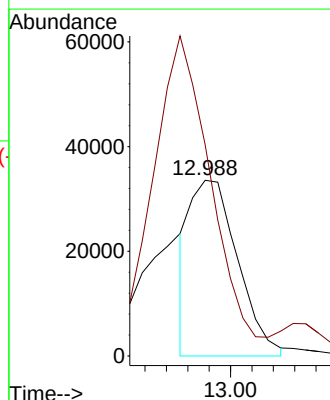
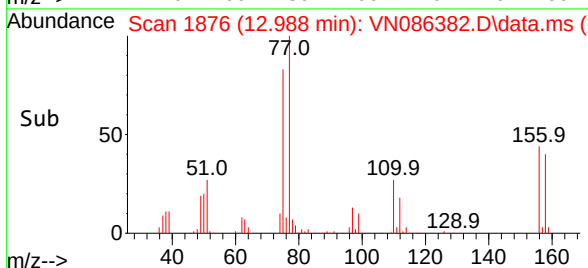
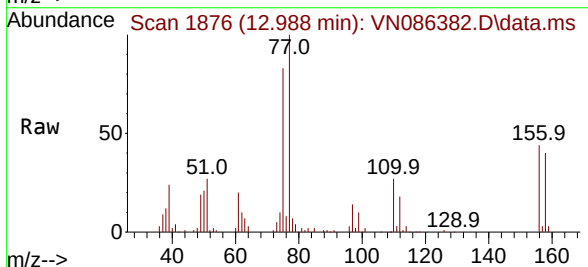
Manual Integrations
APPROVED

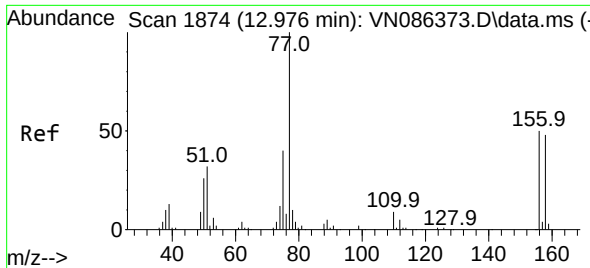
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#72
1,2,3-Trichloropropane
Concen: 20.401 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

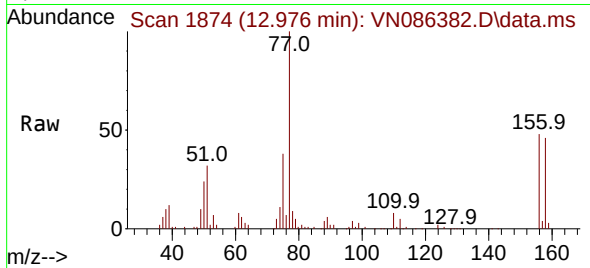
Tgt Ion: 75 Resp: 51896
Ion Ratio Lower Upper
75 100
77 226.9 0.0 464.4





#73
Bromobenzene
Concen: 19.742 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

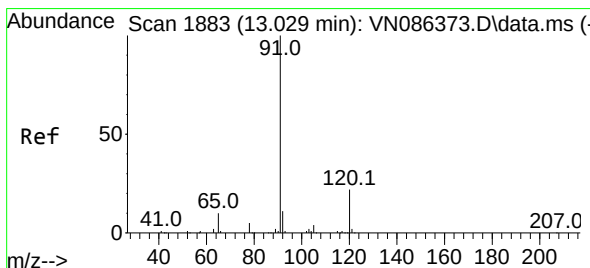
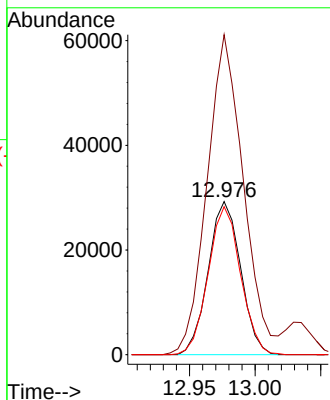
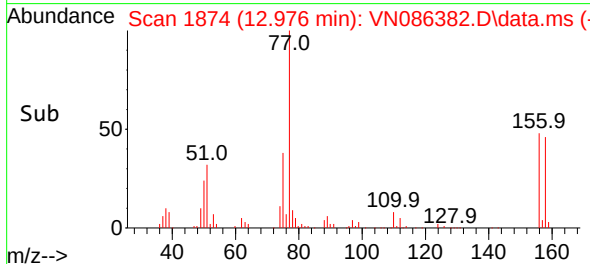
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



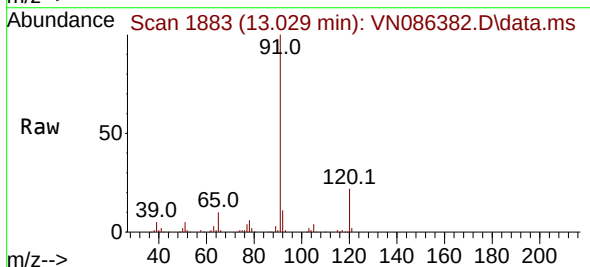
Tgt Ion:156 Resp: 5029
Ion Ratio Lower Upper
156 100
77 234.1 0.0 463.4
158 96.6 0.0 191.8

Manual Integrations
APPROVED

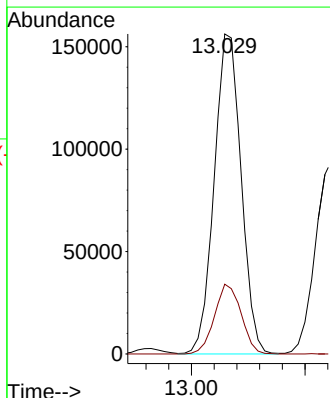
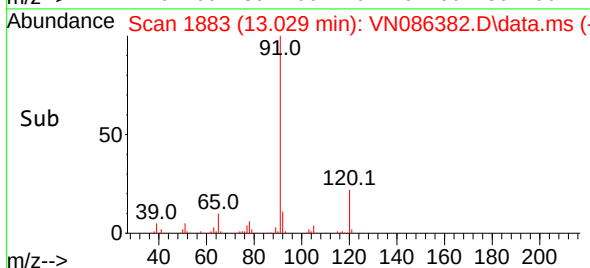
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

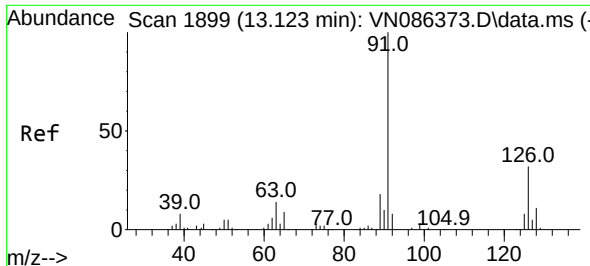


#74
n-propylbenzene
Concen: 19.535 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02



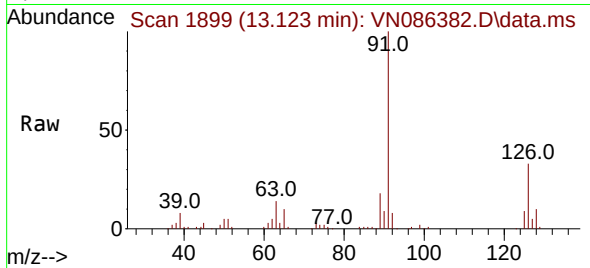
Tgt Ion: 91 Resp: 257240
Ion Ratio Lower Upper
91 100
120 21.5 0.0 43.8





#75
2-Chlorotoluene
Concen: 19.936 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

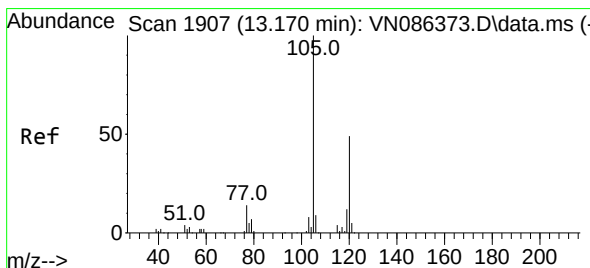
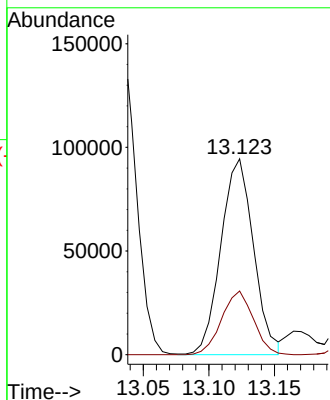
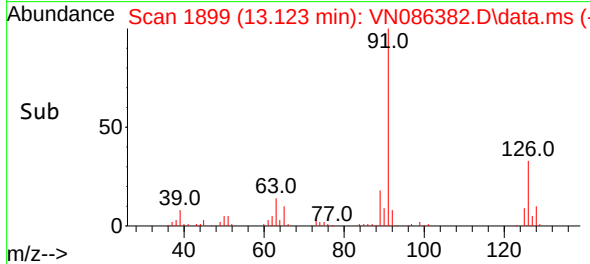
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



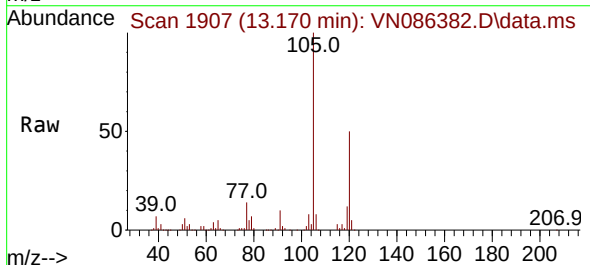
Tgt Ion: 91 Resp: 163879
Ion Ratio Lower Upper
91 100
126 31.5 0.0 65.0

Manual Integrations
APPROVED

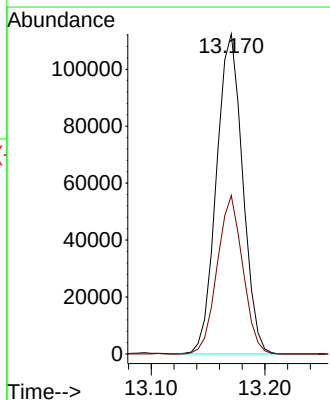
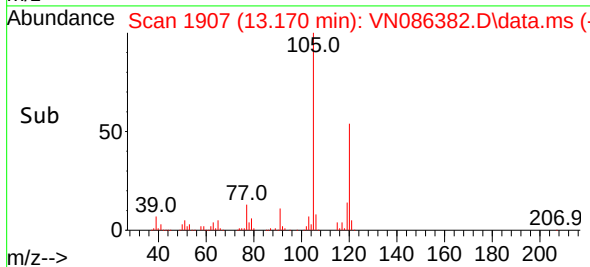
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

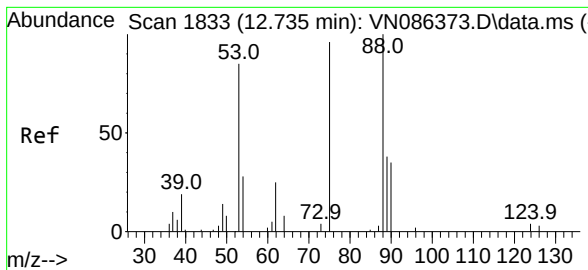


#76
1,3,5-Trimethylbenzene
Concen: 19.849 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02



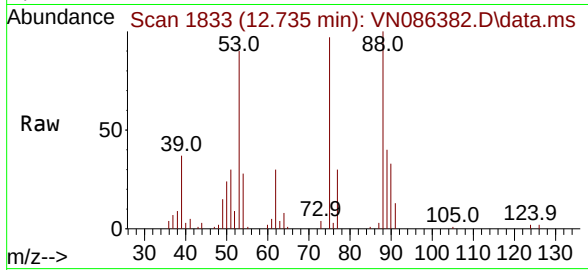
Tgt Ion:105 Resp: 180475
Ion Ratio Lower Upper
105 100
120 48.3 0.0 97.6





#77
t-1,4-Dichloro-2-butene
Concen: 20.403 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

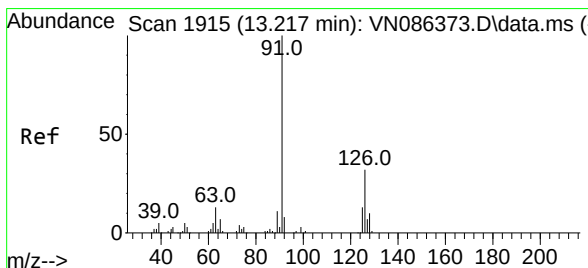
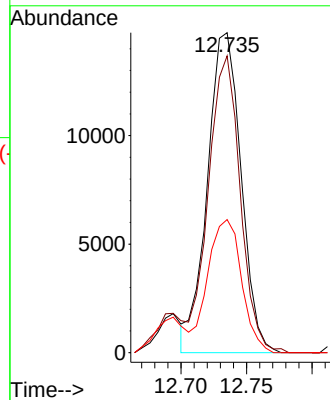
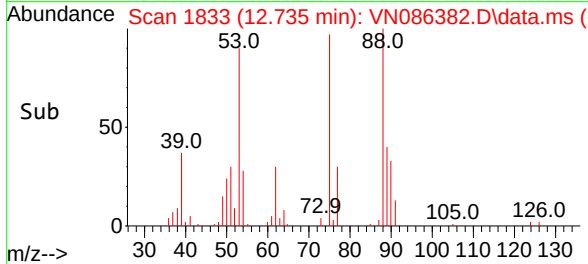
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



Tgt Ion: 75 Resp: 2634
Ion Ratio Lower Upper
75 100
53 91.5 46.0 138.0
89 41.6 21.6 64.6

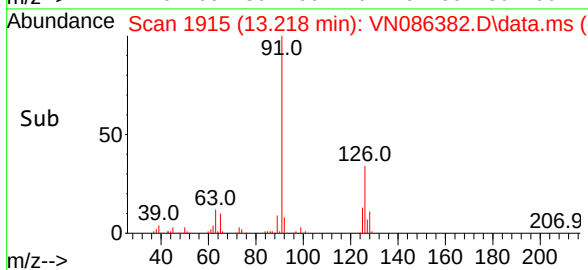
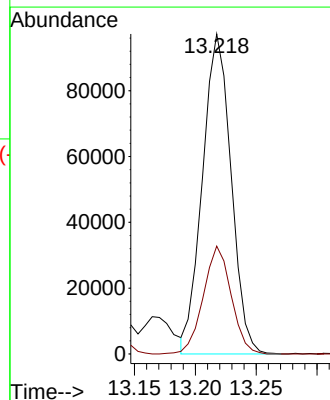
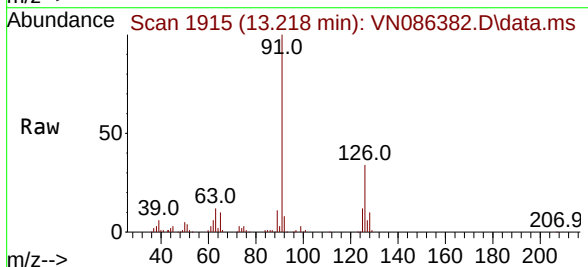
Manual Integrations
APPROVED

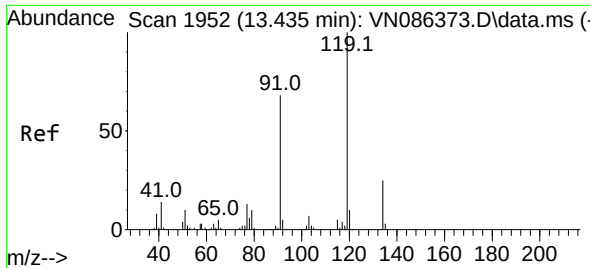
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#78
4-Chlorotoluene
Concen: 19.376 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Tgt Ion: 91 Resp: 159258
Ion Ratio Lower Upper
91 100
126 32.7 0.0 65.4





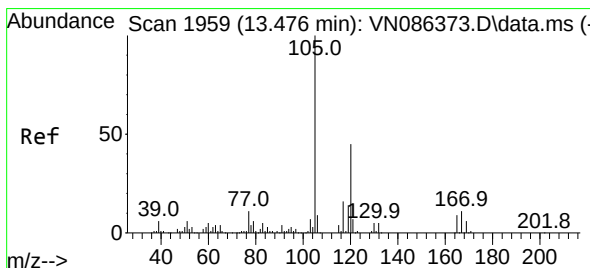
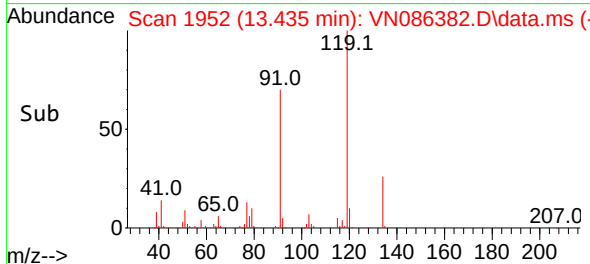
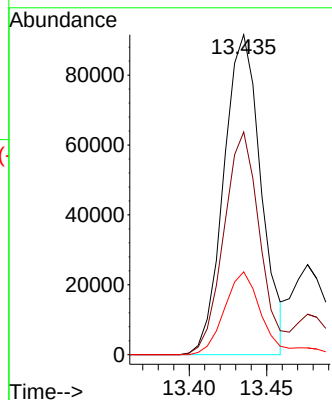
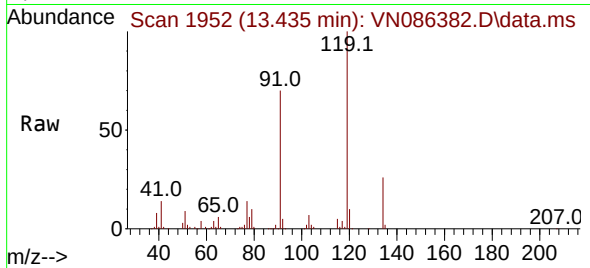
#79
tert-butylbenzene
Concen: 19.690 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01

Tgt Ion:119 Resp: 15332
Ion Ratio Lower Upper
119 100
91 68.1 0.0 137.4
134 24.9 0.0 49.2

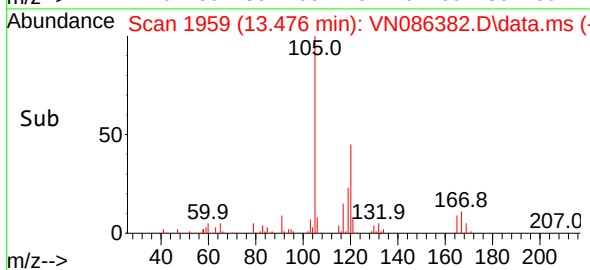
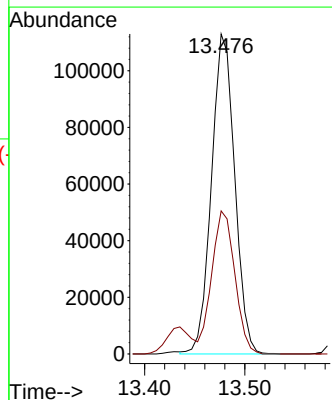
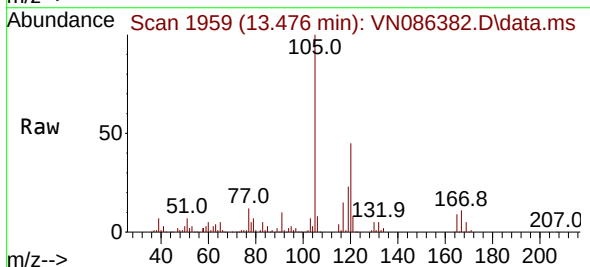
Manual Integrations
APPROVED

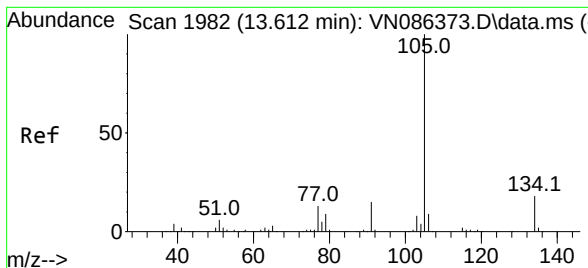
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.565 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

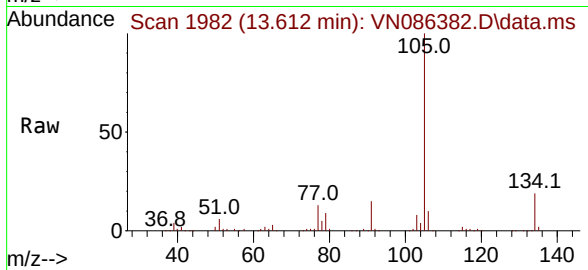
Tgt Ion:105 Resp: 181681
Ion Ratio Lower Upper
105 100
120 44.3 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 19.461 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086382.D
 Acq: 23 Apr 2025 15:02

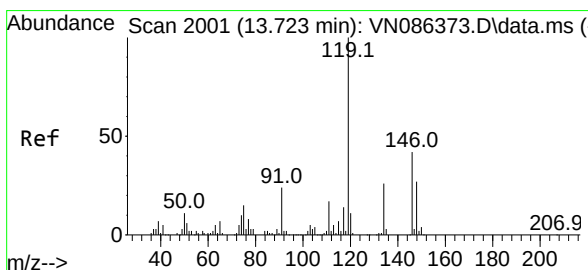
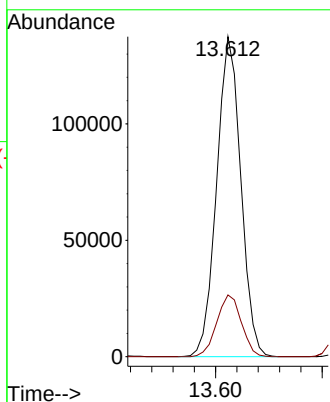
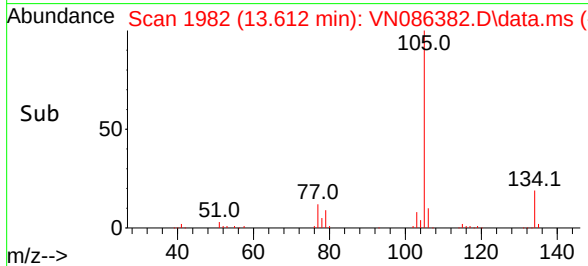
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBS01



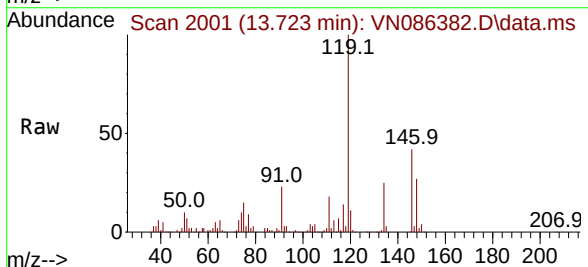
Tgt Ion:105 Resp: 21632
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.4

Manual Integrations
 APPROVED

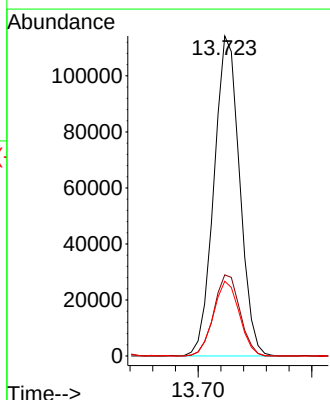
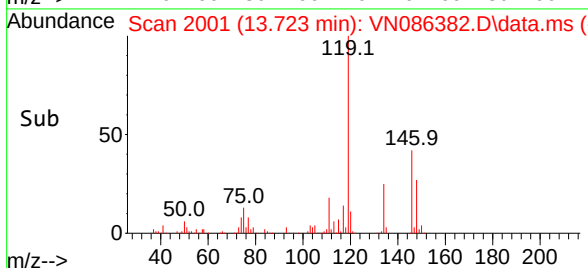
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025

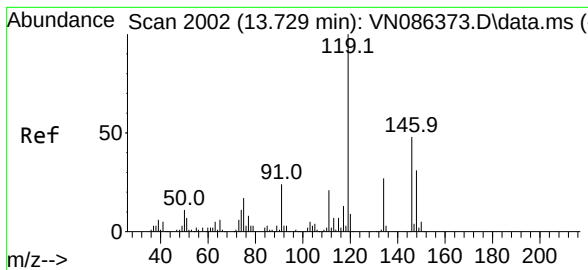


#82
 p-Isopropyltoluene
 Concen: 19.254 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086382.D
 Acq: 23 Apr 2025 15:02



Tgt Ion:119 Resp: 179090
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 23.7 0.0 47.6





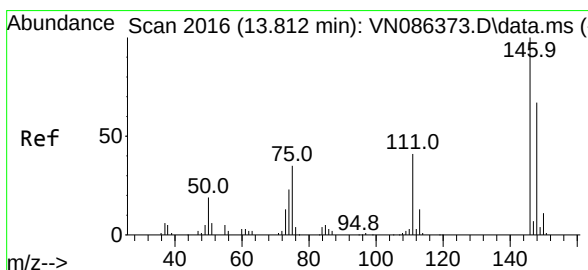
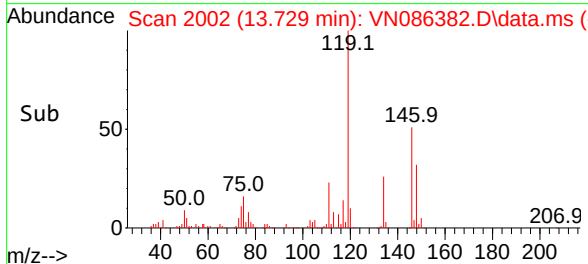
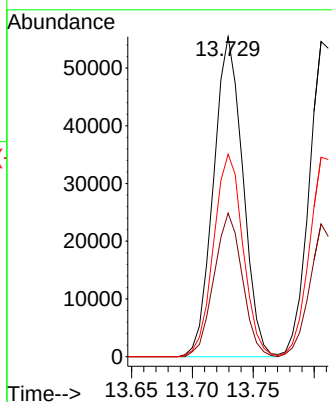
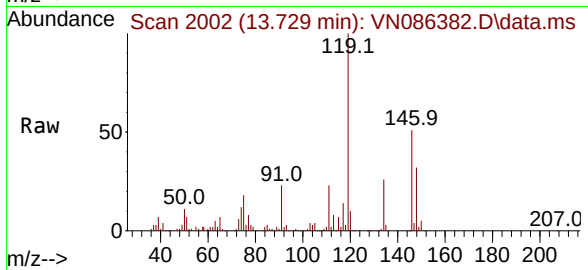
#83
1,3-Dichlorobenzene
Concen: 19.334 ug/l
RT: 13.729 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01

Tgt Ion:146 Resp: 93109
Ion Ratio Lower Upper
146 100
111 43.2 20.7 62.1
148 63.3 32.3 96.8

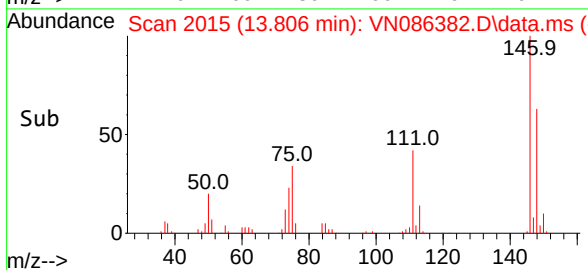
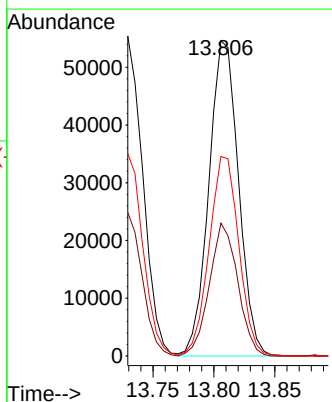
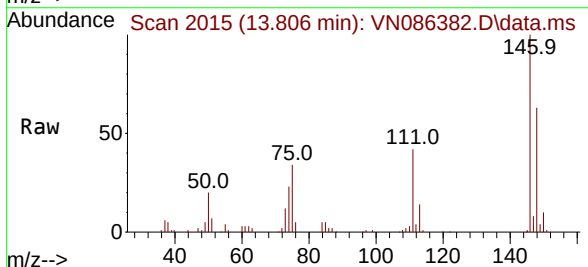
Manual Integrations
APPROVED

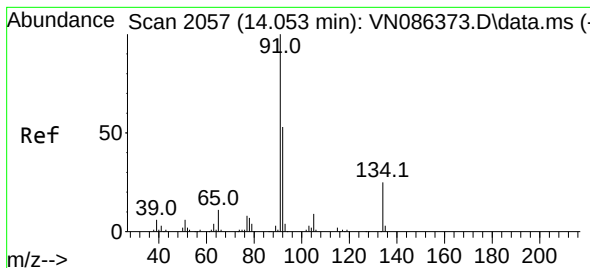
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#84
1,4-Dichlorobenzene
Concen: 19.475 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Tgt Ion:146 Resp: 92663
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 63.5 32.4 97.2





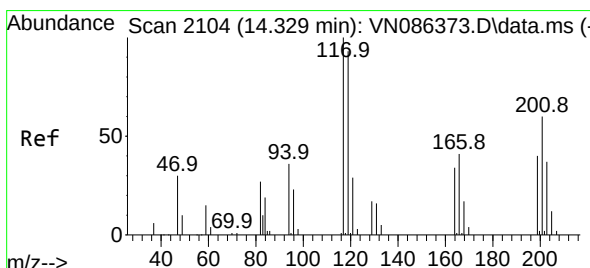
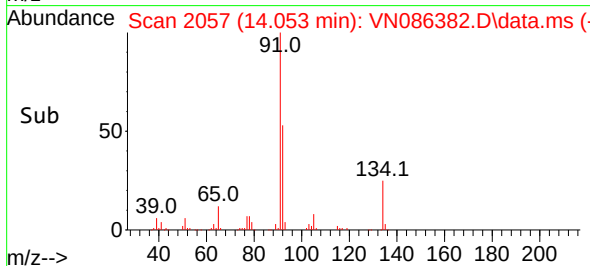
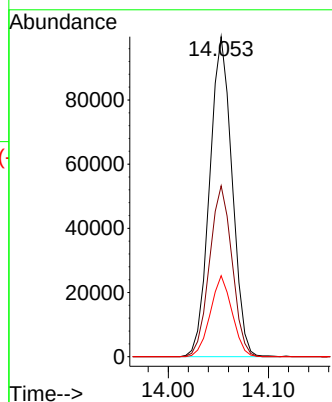
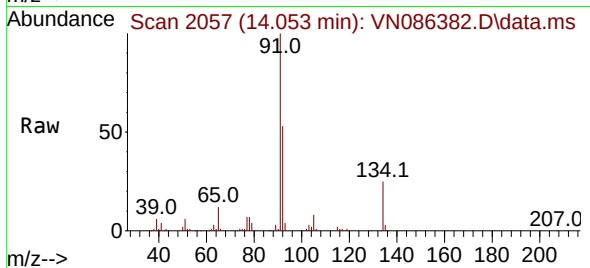
#85
n-Butylbenzene
Concen: 18.701 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01

Tgt Ion:	91	Resp:	15520
Ion Ratio	Lower	Upper	
91	100		
92	53.7	0.0	107.2
134	24.5	0.0	48.2

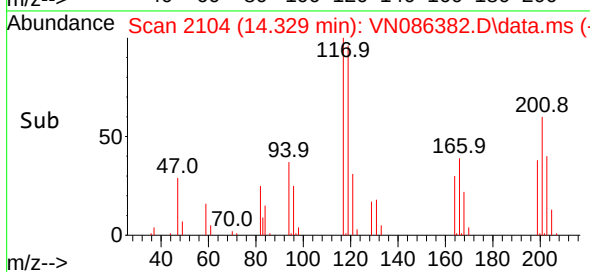
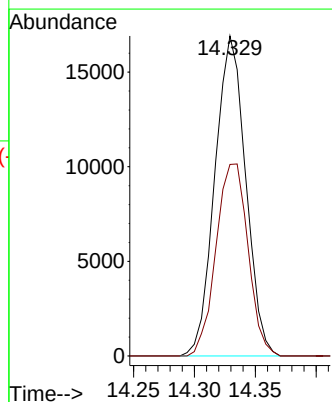
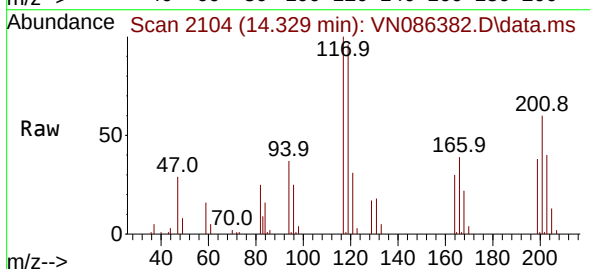
Manual Integrations
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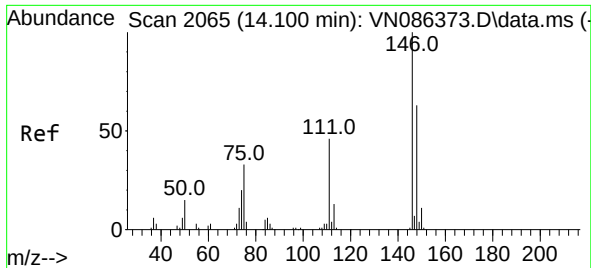
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#86
Hexachloroethane
Concen: 19.592 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Tgt Ion:	117	Resp:	29798
Ion Ratio	Lower	Upper	
117	100		
201	62.3	31.7	95.1





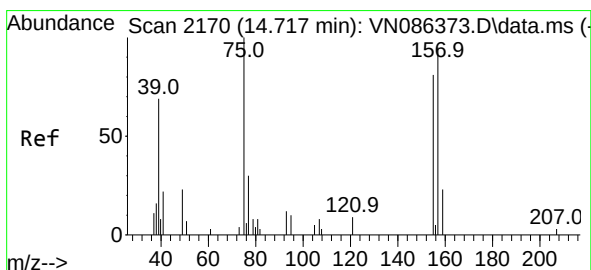
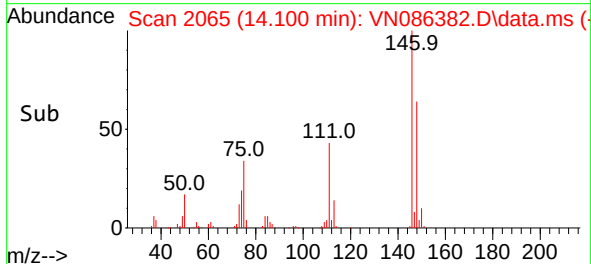
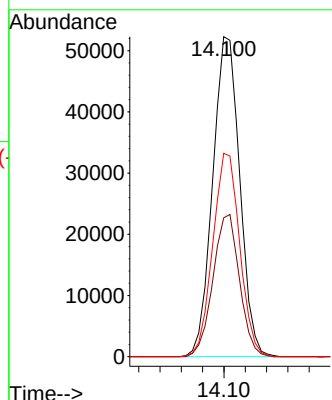
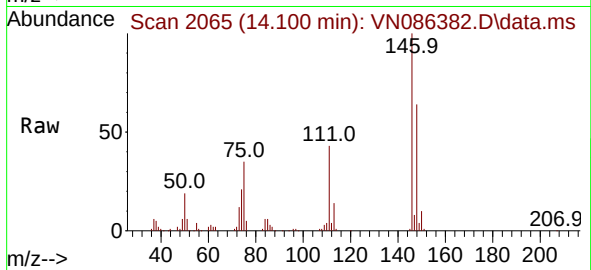
#87
1,2-Dichlorobenzene
Concen: 20.112 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01

Tgt Ion:146 Resp: 92158
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.3
148 63.3 32.0 96.0

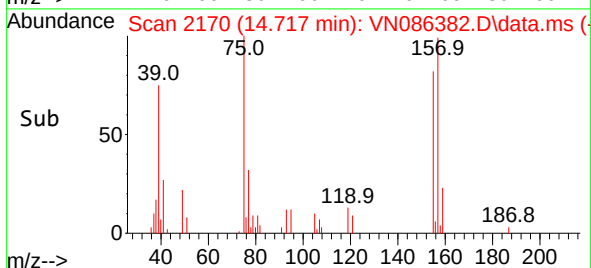
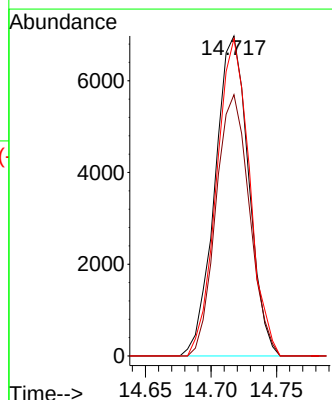
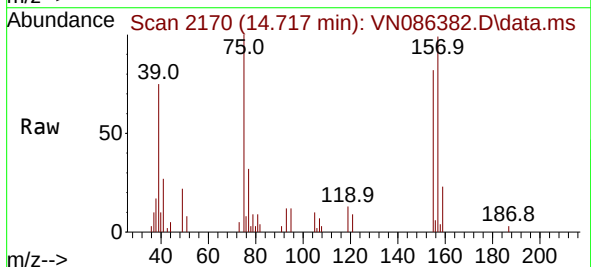
Manual Integrations
APPROVED

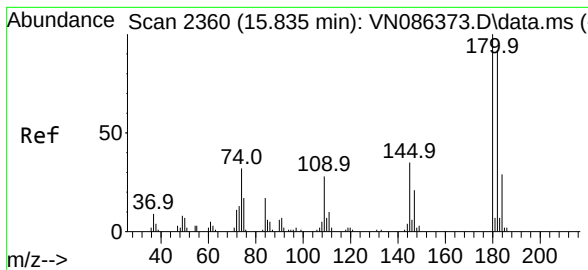
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.989 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

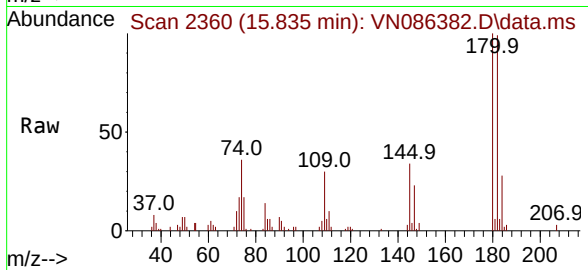
Tgt Ion: 75 Resp: 12448
Ion Ratio Lower Upper
75 100
155 81.4 64.0 96.0
157 96.8 78.2 117.4





#89
1,2,4-Trichlorobenzene
Concen: 19.734 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

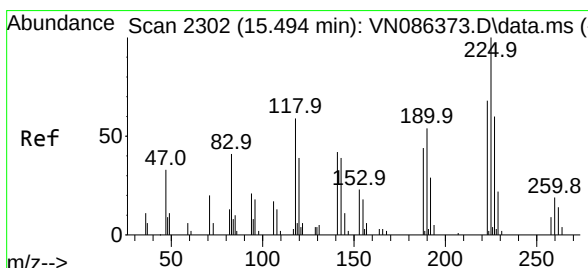
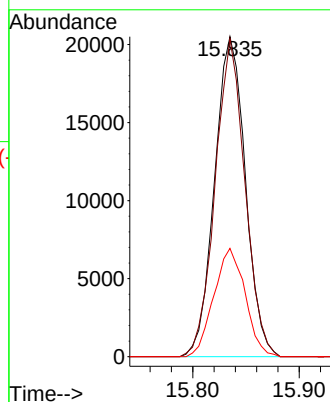
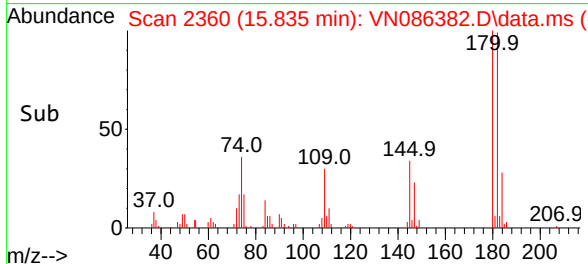
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



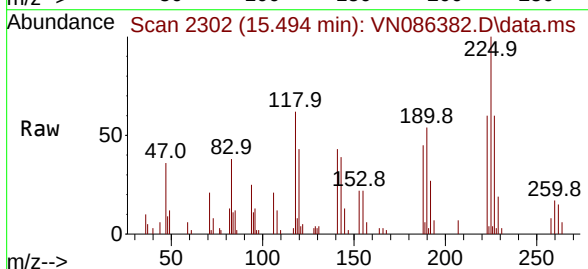
Tgt Ion:180 Resp: 4121
Ion Ratio Lower Upper
180 100
182 96.0 74.8 112.2
145 34.4 26.9 40.3

Manual Integrations
APPROVED

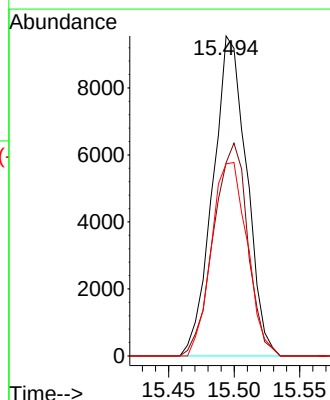
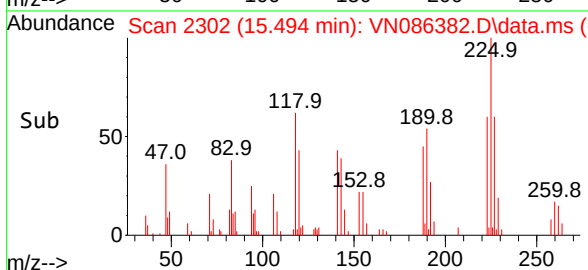
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

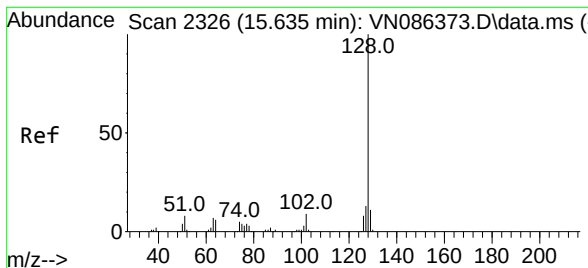


#90
Hexachlorobutadiene
Concen: 20.317 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02



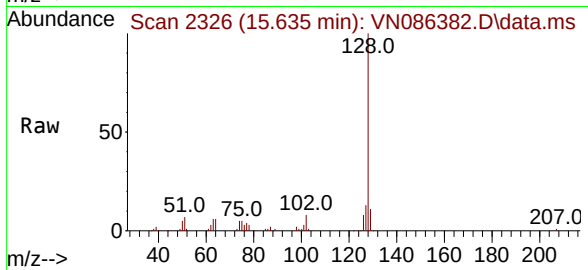
Tgt Ion:225 Resp: 17092
Ion Ratio Lower Upper
225 100
223 67.5 0.0 128.8
227 64.1 0.0 120.2





#91
Naphthalene
Concen: 19.891 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02

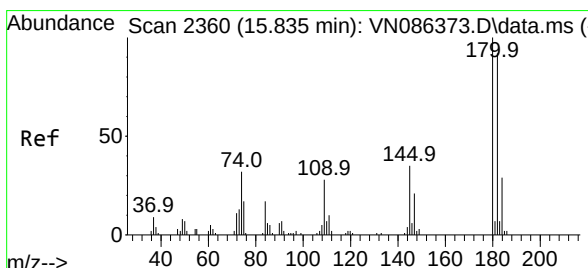
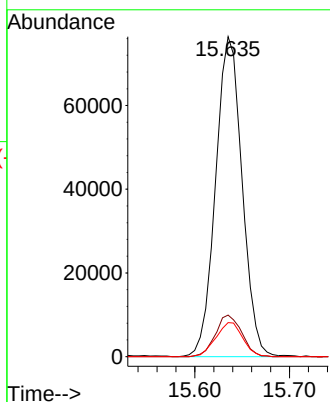
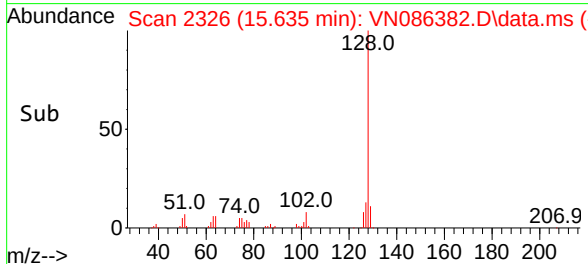
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS01



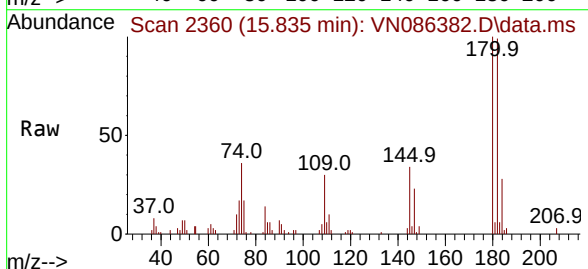
Tgt Ion:128 Resp: 148729
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.9 8.7 13.1

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Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.734 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086382.D
Acq: 23 Apr 2025 15:02



Tgt Ion:180 Resp: 41215
Ion Ratio Lower Upper
180 100
182 96.0 0.0 187.0
145 34.4 0.0 67.2

