

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042425\
 Data File : VN086394.D
 Acq On : 24 Apr 2025 12:22
 Operator : JC\MD
 Sample : VN0424WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 01:39:30 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

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

Internal Standards						
1) Bromochloromethane	7.812	128	29443	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	175060	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	162491	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	88123	31.044	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.467%	
60) 4-Bromofluorobenzene	12.841	95	94012	29.437	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.133%	
63) Toluene-d8	10.565	98	269141	30.107	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.367%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	39520	19.442	ug/l	94
3) Chloromethane	2.360	50	52096	18.042	ug/l	99
4) Vinyl Chloride	2.513	62	50839	18.383	ug/l	98
5) Bromomethane	2.965	94	27801	19.255	ug/l	97
6) Chloroethane	3.124	64	34811	18.882	ug/l	97
7) Trichlorofluoromethane	3.501	101	60001	18.381	ug/l	99
8) Diethyl Ether	3.960	74	27647	20.064	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	38168	19.019	ug/l	97
10) 1,1-Dichloroethene	4.342	96	37197	18.109	ug/l	97
11) Methyl Iodide	4.589	142	45406	18.893	ug/l	98
12) Methyl Acetate	5.012	43	62951	21.622	ug/l	98
13) Acrolein	4.183	56	16888	126.441	ug/l	100
14) Acrylonitrile	5.718	53	114092	105.294	ug/l	100
15) Acetone	4.424	58	28885	96.742	ug/l	98
16) Carbon Disulfide	4.712	76	97623	18.037	ug/l	98
17) Allyl chloride	5.024	41	61250	18.649	ug/l	92
18) Methylene Chloride	5.271	84	45977	19.655	ug/l	96
19) trans-1,2-Dichloroethene	5.783	96	41341	18.883	ug/l	94
20) Diisopropyl ether	6.665	45	155739	19.943	ug/l	95
21) 1,1-Dichloroethane	6.559	63	83129	19.447	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	52990	19.357	ug/l	97
23) tert-Butyl Alcohol	5.512	59	47919	114.160	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	158233	20.850	ug/l #	83
25) Chloroform	7.959	83	85520	19.768	ug/l	98
26) Cyclohexane	8.253	56	69404	18.388	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	58397	18.922	ug/l	99
30) 2-Butanone	7.477	43	158628	105.898	ug/l	100
31) 2,2-Dichloropropane	7.483	77	75133	18.938	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	71384	19.356	ug/l	99
33) Carbon Tetrachloride	8.359	117	57980	19.098	ug/l	98
34) Benzene	8.600	78	192469	19.608	ug/l	97
35) Methacrylonitrile	7.771	41	35105	20.545	ug/l	97
36) 1,2-Dichloroethane	8.665	62	66490	20.863	ug/l	100
37) Trichloroethene	9.347	130	47862	19.477	ug/l	94
38) Methylcyclohexane	9.594	83	67068	18.817	ug/l	100
39) 1,2-Dichloropropane	9.618	63	48208	19.880	ug/l	95
40) Dibromomethane	9.706	93	33085	20.401	ug/l	97
41) Bromodichloromethane	9.883	83	69799	20.339	ug/l	98
42) Vinyl Acetate	6.601	43	532074	102.539	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	61698	20.813	ug/l	98
44) Isopropyl Acetate	8.683	43	116969	20.790	ug/l	99
45) 1,4-Dioxane	9.689	88	19563	445.661	ug/l	98
46) Methyl methacrylate	9.677	41	53159	20.484	ug/l	99
47) n-amyl Acetate	12.488	43	94796	19.769	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	76048	19.821	ug/l	100
49) cis-1,3-Dichloropropene	10.306	75	80221	19.827	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	46038	20.324	ug/l	98
51) Ethyl methacrylate	10.871	69	80319	20.360	ug/l	100
52) 1,3-Dichloropropane	11.159	76	82373	20.576	ug/l	98
53) Dibromochloromethane	11.353	129	51306	20.171	ug/l	99
54) 1,2-Dibromoethane	11.465	107	47394	20.578	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	216290	116.613	ug/l	99
56) Bromoform	12.577	173	33024	20.008	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	334041	106.233	ug/l	99
59) 2-Hexanone	11.194	43	243028	104.879	ug/l	99
61) Tetrachloroethene	11.100	164	47478	19.157	ug/l	94
62) Toluene	10.624	91	210546	19.358	ug/l	99
64) Chlorobenzene	11.888	112	131513	19.405	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	45225	19.958	ug/l	99
66) Ethyl Benzene	11.959	91	232535	18.994	ug/l	98
67) m/p-Xylenes	12.065	106	176674	38.034	ug/l	99
68) o-Xylene	12.394	106	88078	19.365	ug/l	97
69) Styrene	12.406	104	145669	18.896	ug/l	99
70) Isopropylbenzene	12.688	105	216010	19.026	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	63948	21.391	ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	54165m	20.782	ug/l	
73) Bromobenzene	12.977	156	50886	19.495	ug/l	99
74) n-propylbenzene	13.035	91	253712	18.805	ug/l	100
75) 2-Chlorotoluene	13.124	91	160425	19.048	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	175865	18.878	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	25091	18.969	ug/l	96
78) 4-Chlorotoluene	13.218	91	156822	18.623	ug/l	100
79) tert-butylbenzene	13.435	119	152261	19.084	ug/l	99
80) 1,2,4-Trimethylbenzene	13.477	105	177841	18.693	ug/l	98
81) sec-Butylbenzene	13.612	105	211821	18.599	ug/l	99
82) p-Isopropyltoluene	13.724	119	174431	18.304	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	91158	18.475	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	92214	18.916	ug/l	98
85) n-Butylbenzene	14.053	91	153335	18.032	ug/l	100
86) Hexachloroethane	14.329	117	27881	17.892	ug/l	98
87) 1,2-Dichlorobenzene	14.100	146	90594	19.296	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	12479	20.537	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	40370	18.866	ug/l	98
90) Hexachlorobutadiene	15.500	225	16485	19.126	ug/l	97
91) Naphthalene	15.635	128	150152	19.600	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	40370	18.866	ug/l	98

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

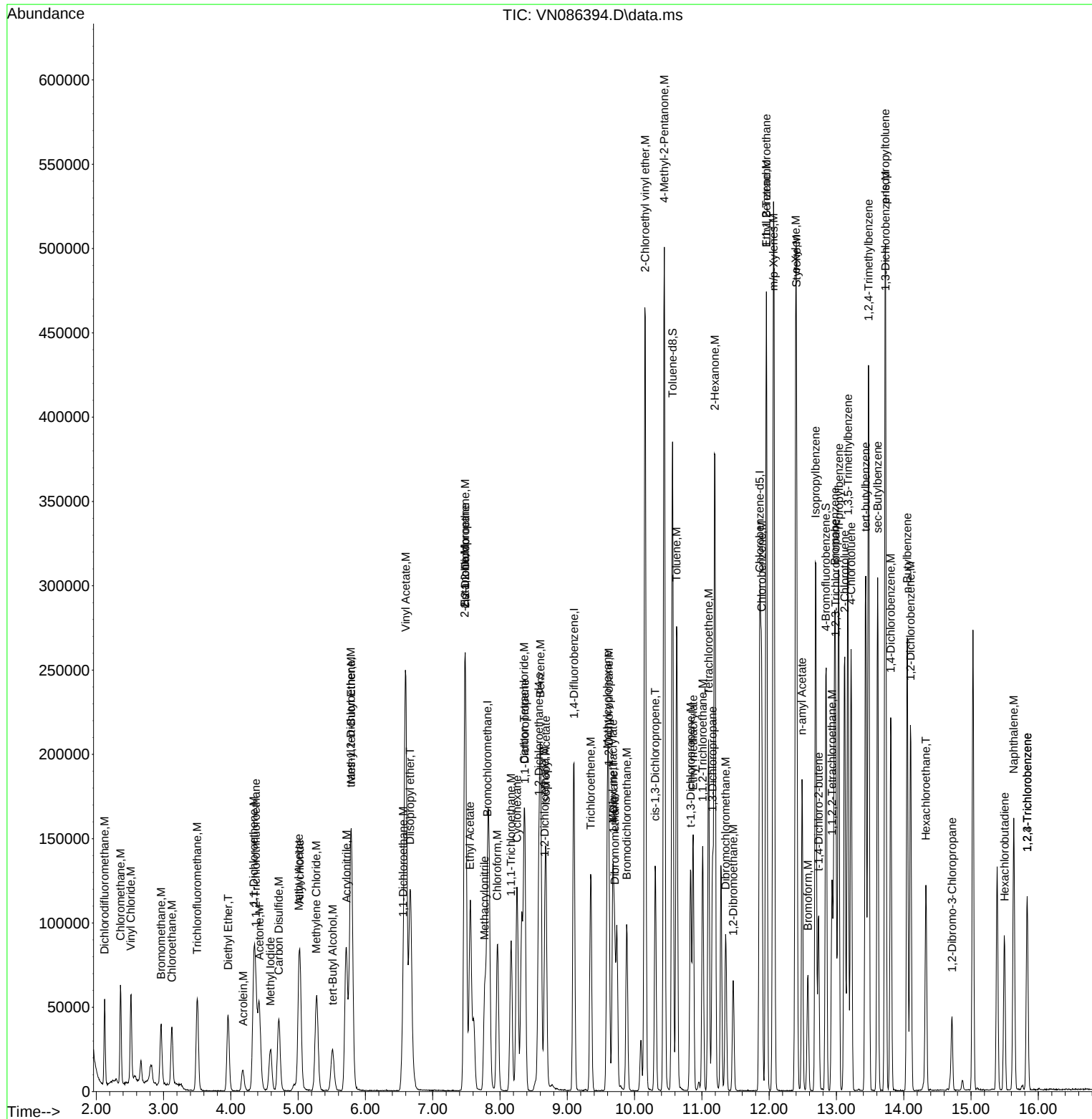
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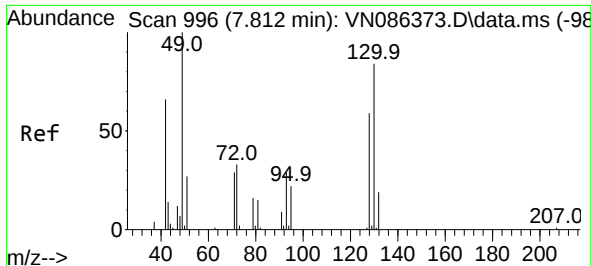
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MSVOA_N
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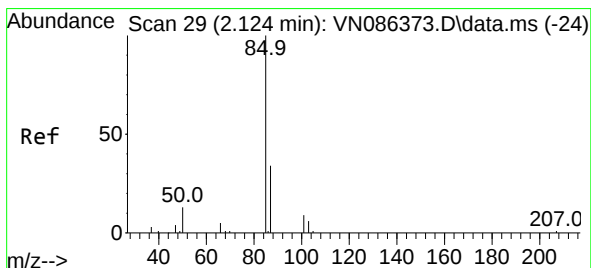
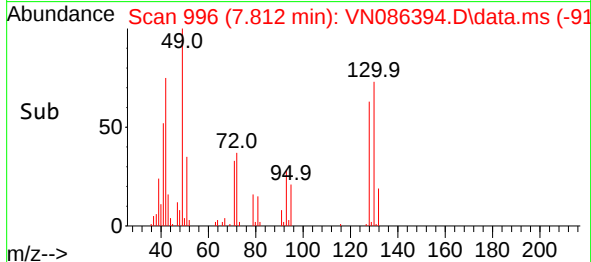
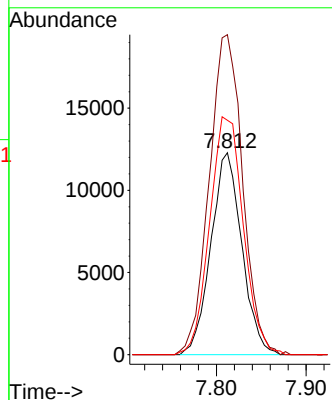
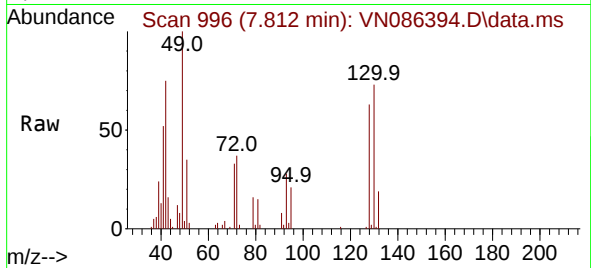
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Instrument :
MSVOA_N
Client Sample Id :
VN0424WBSD01

Tgt Ion: 128 Resp: 2944
Ion Ratio Lower Upper
128 100
49 170.6 0.0 433.8
130 128.3 0.0 325.0

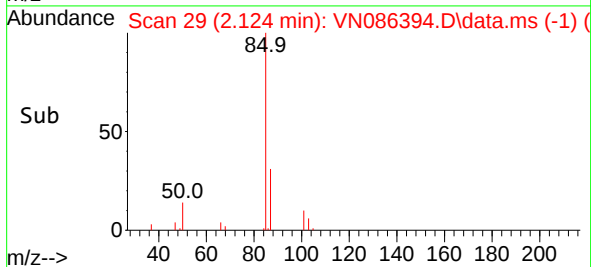
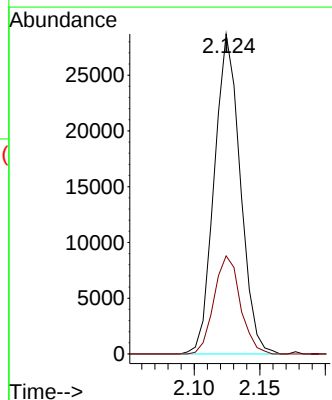
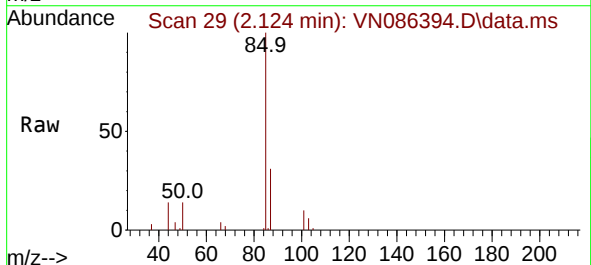
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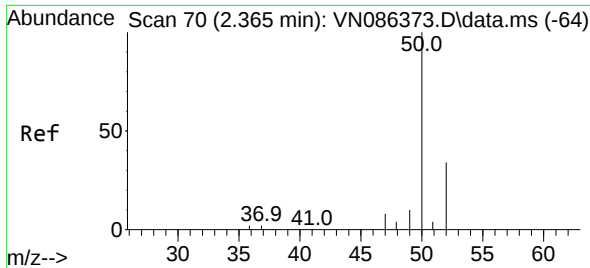
Reviewed By : John Carlone 04/25/2025
Supervised By : Mahesh Dadoda 04/25/2025



#2
Dichlorodifluoromethane
Concen: 19.442 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Tgt Ion: 85 Resp: 39520
Ion Ratio Lower Upper
85 100
87 30.6 17.0 50.9





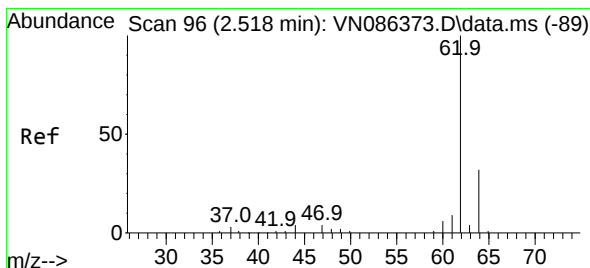
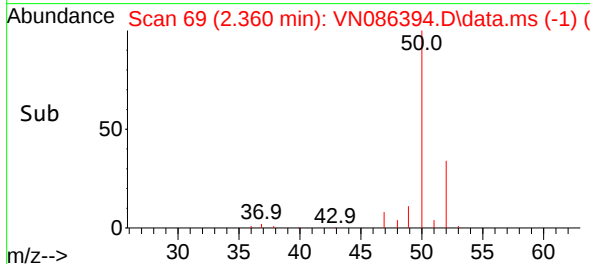
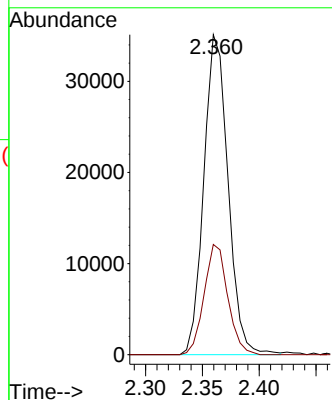
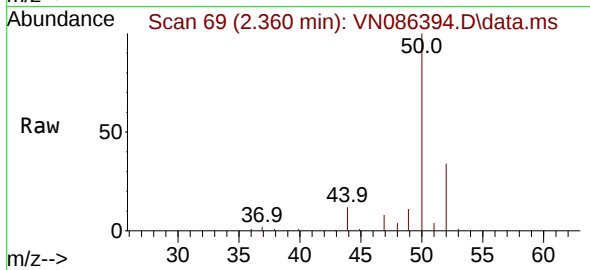
#3
Chloromethane
Concen: 18.042 ug/l
RT: 2.360 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086394.D
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Instrument :
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Tgt Ion: 50 Resp: 52090
Ion Ratio Lower Upper
50 100
52 34.4 27.3 40.9

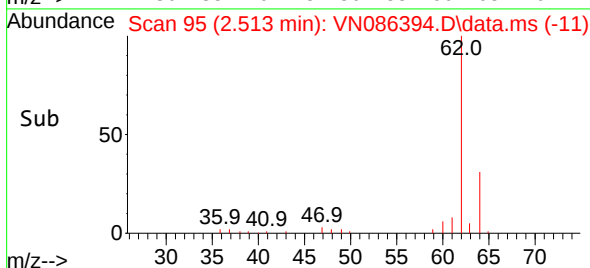
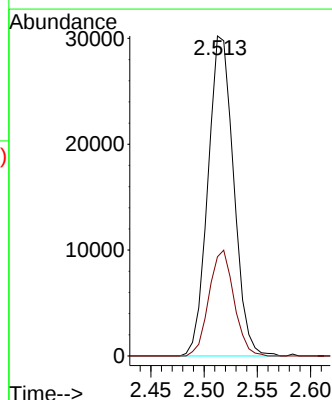
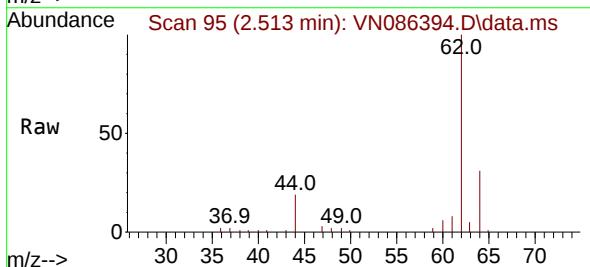
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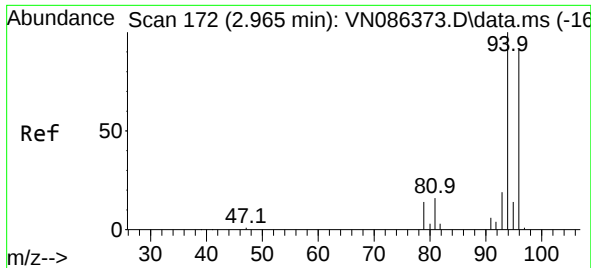
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#4
Vinyl Chloride
Concen: 18.383 ug/l
RT: 2.513 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086394.D
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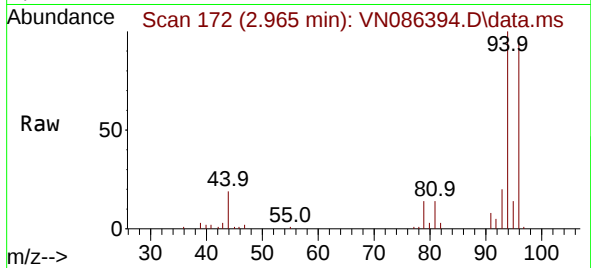
Tgt Ion: 62 Resp: 50839
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.8





#5
Bromomethane
Concen: 19.255 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086394.D
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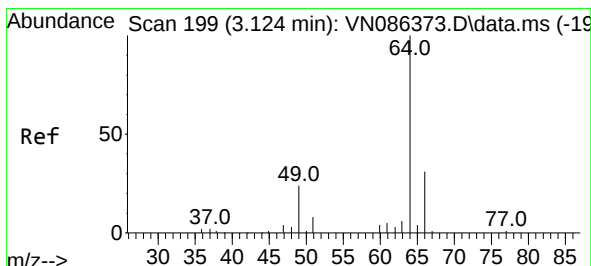
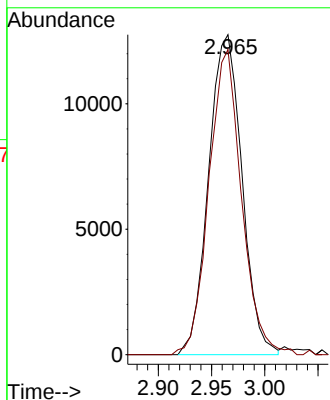
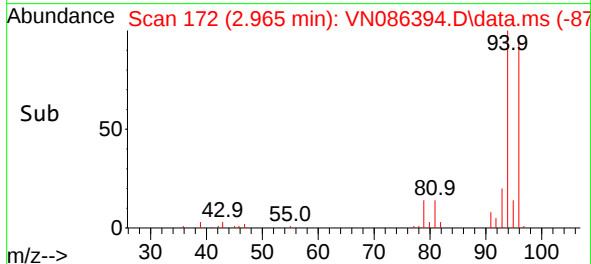
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Tgt Ion: 94 Resp: 2780
Ion Ratio Lower Upper
94 100
96 93.8 72.4 108.6

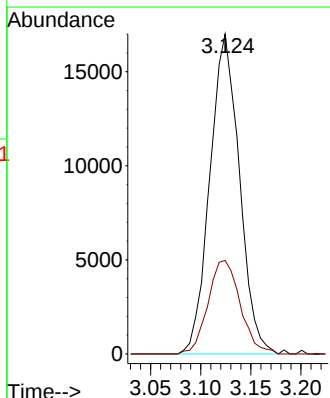
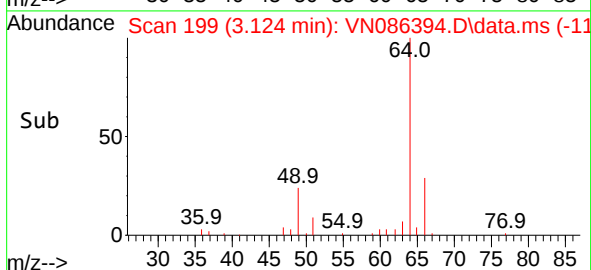
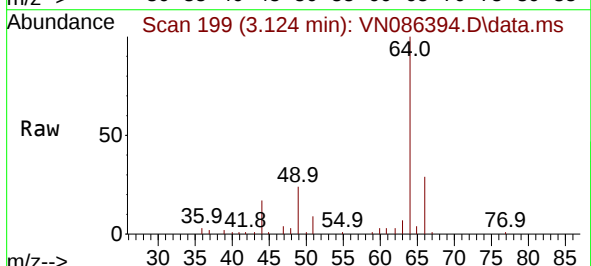
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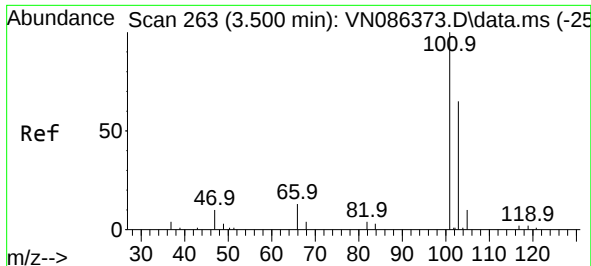
Reviewed By :John Carlone 04/25/2025
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#6
Chloroethane
Concen: 18.882 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086394.D
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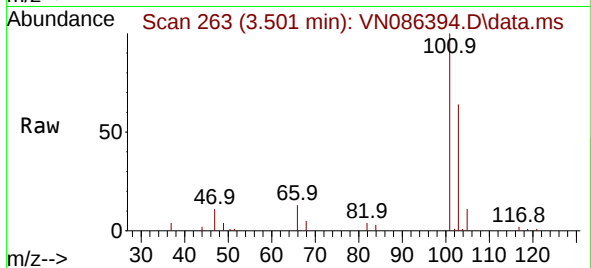
Tgt Ion: 64 Resp: 34811
Ion Ratio Lower Upper
64 100
66 29.2 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 18.381 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
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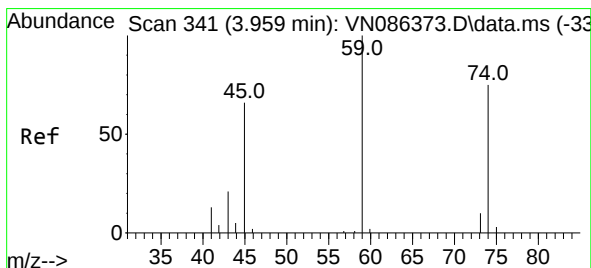
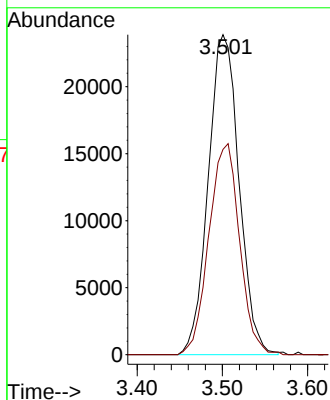
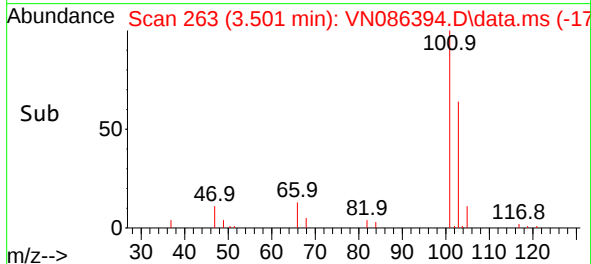
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 ClientSampleId :
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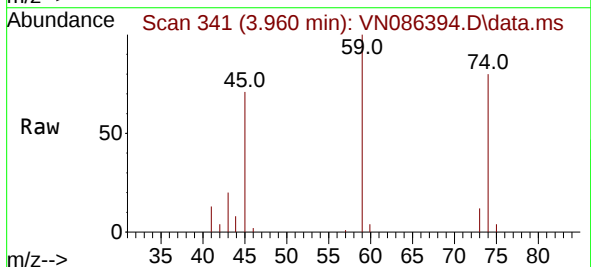
Tgt Ion:101 Resp: 6000
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.8 77.6

Manual Integrations
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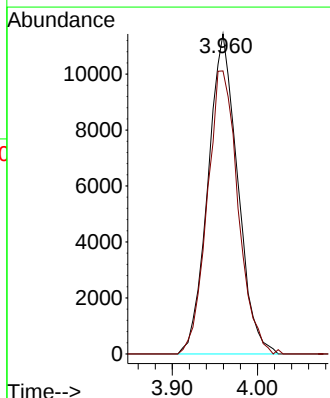
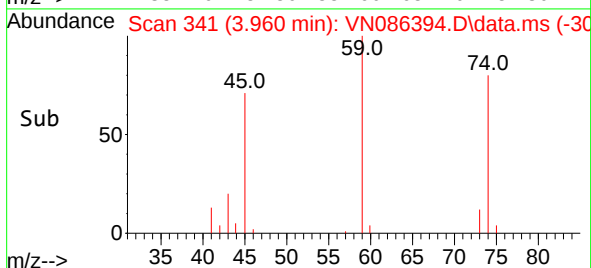
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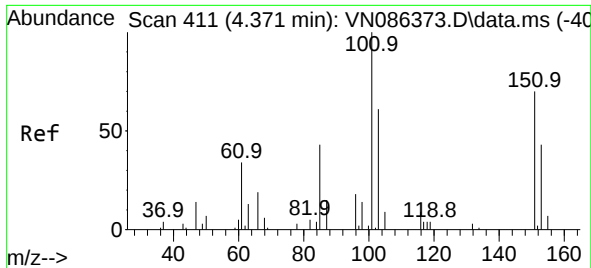


#8
 Diethyl Ether
 Concen: 20.064 ug/l
 RT: 3.960 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 27647
 Ion Ratio Lower Upper
 74 100
 45 91.6 18.5 166.3





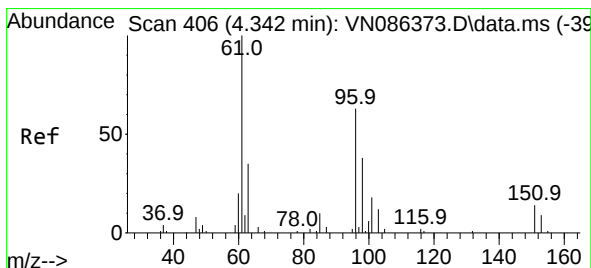
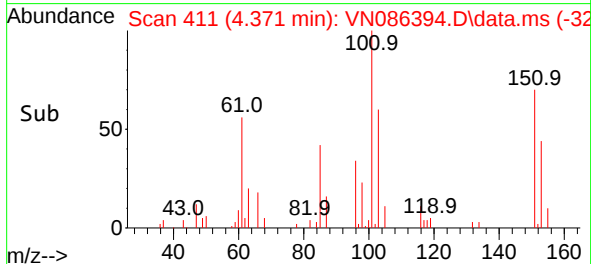
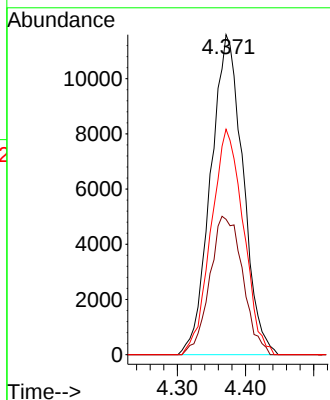
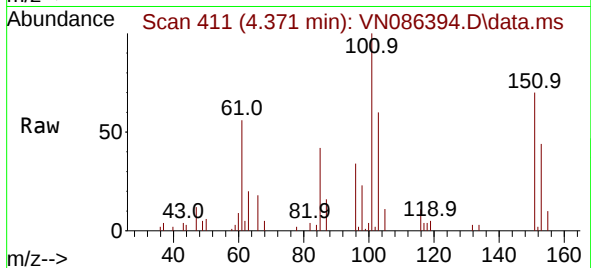
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.019 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN086394.D
 Acq: 24 Apr 2025 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBSD01

Tgt Ion:101 Resp: 3816
 Ion Ratio Lower Upper
 101 100
 85 44.2 0.0 84.4
 151 70.5 0.0 145.8

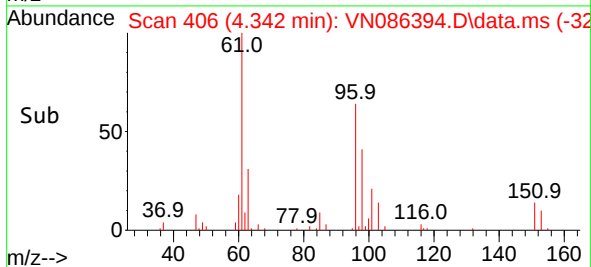
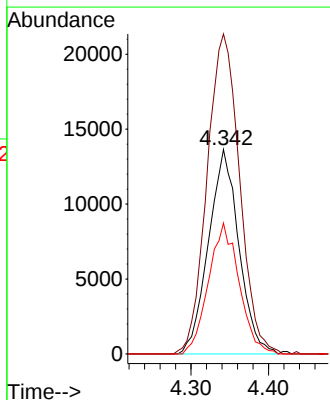
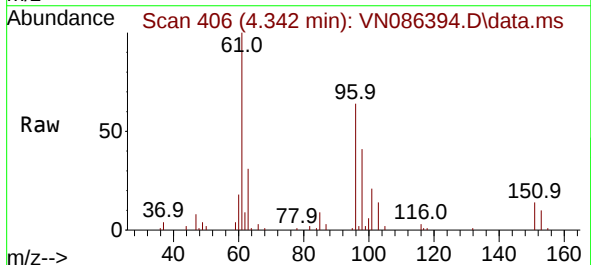
Manual Integrations
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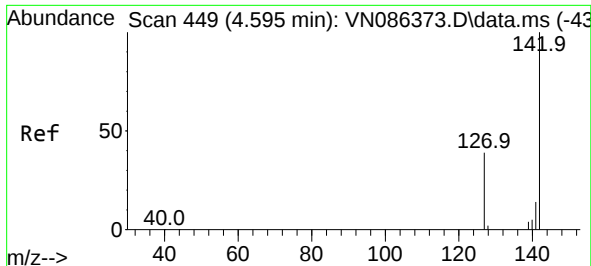
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#10
 1,1-Dichloroethene
 Concen: 18.109 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN086394.D
 Acq: 24 Apr 2025 12:22

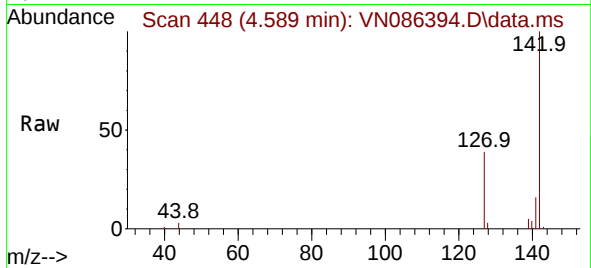
Tgt Ion: 96 Resp: 37197
 Ion Ratio Lower Upper
 96 100
 61 154.9 126.2 189.4
 98 64.0 48.5 72.7





#11
Methyl Iodide
Concen: 18.893 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

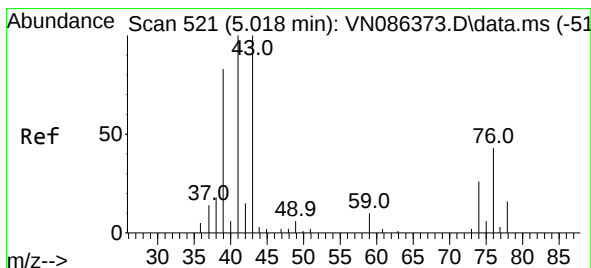
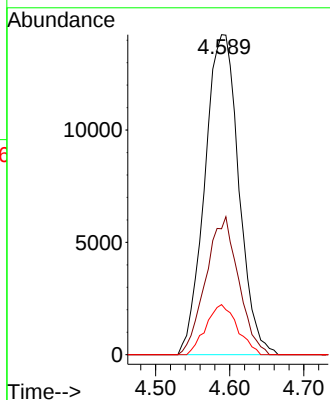
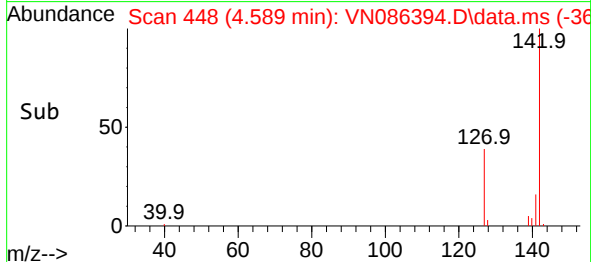
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion:142 Resp: 45400
Ion Ratio Lower Upper
142 100
127 39.4 19.3 57.9
141 15.7 7.1 21.3

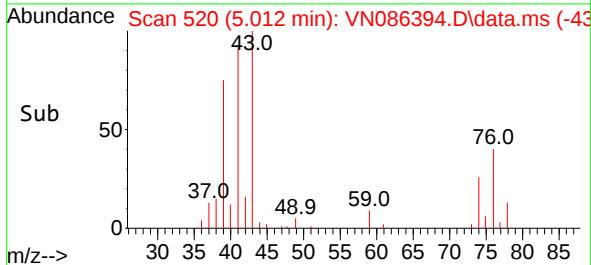
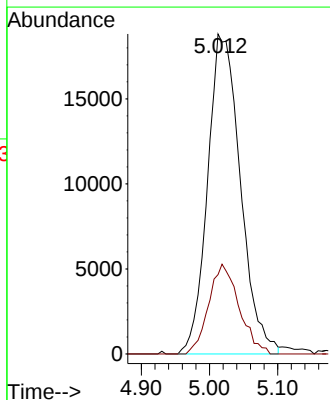
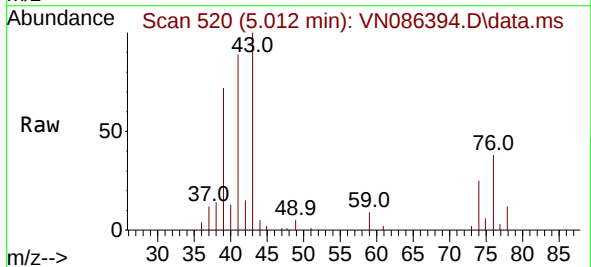
Manual Integrations
APPROVED

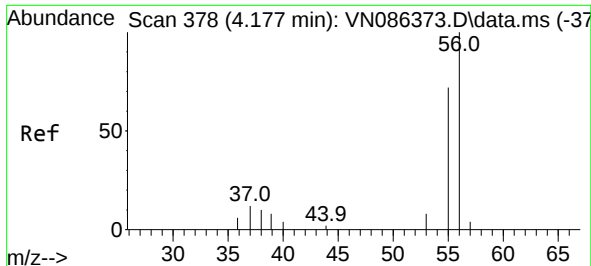
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#12
Methyl Acetate
Concen: 21.622 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

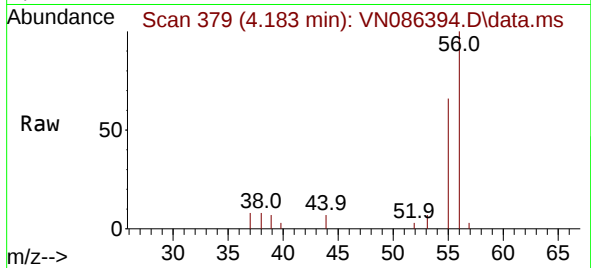
Tgt Ion: 43 Resp: 62951
Ion Ratio Lower Upper
43 100
74 25.1 20.8 31.2





#13
Acrolein
Concen: 126.441 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

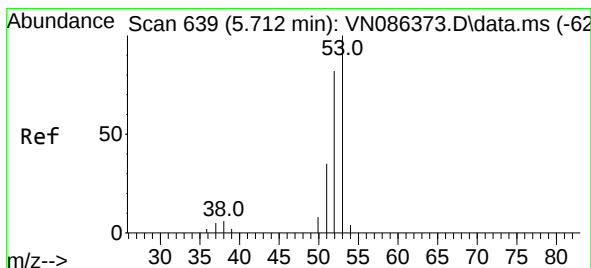
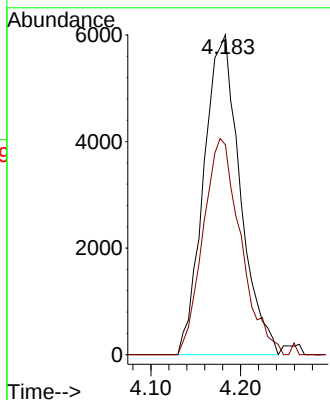
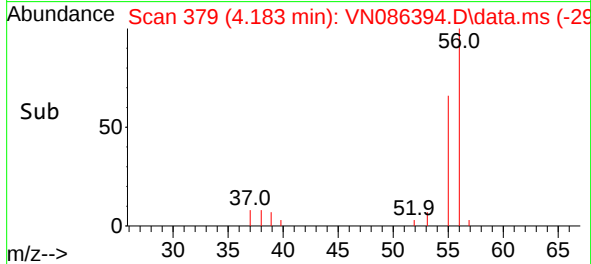
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 56 Resp: 1688
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1

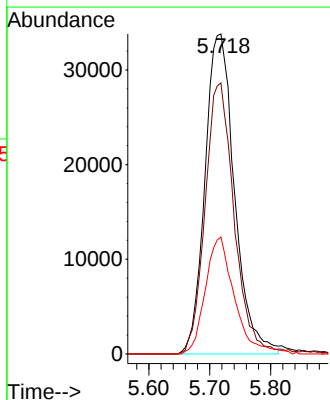
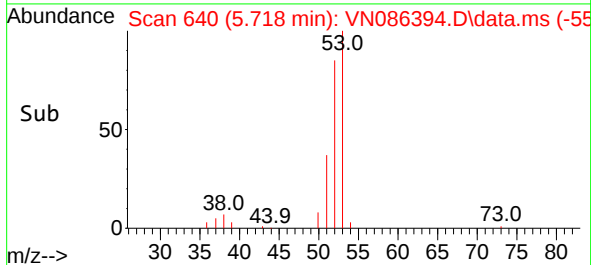
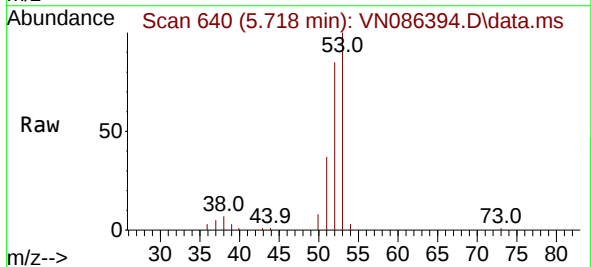
Manual Integrations
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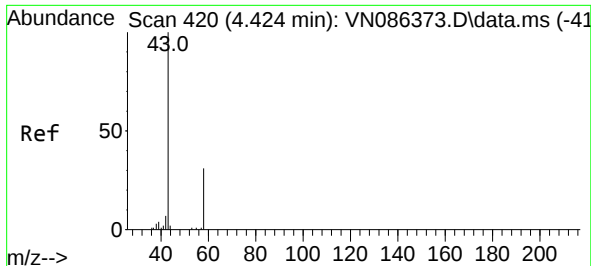
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#14
Acrylonitrile
Concen: 105.294 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Tgt Ion: 53 Resp: 114092
Ion Ratio Lower Upper
53 100
52 82.5 41.2 123.6
51 35.9 17.6 52.8





#15

Acetone

Concen: 96.742 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086394.D

Acq: 24 Apr 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

Tgt Ion: 58 Resp: 2888

Ion Ratio Lower Upper

58 100

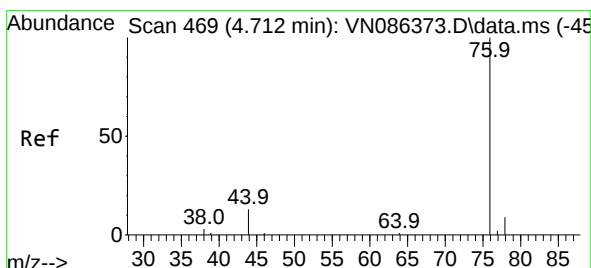
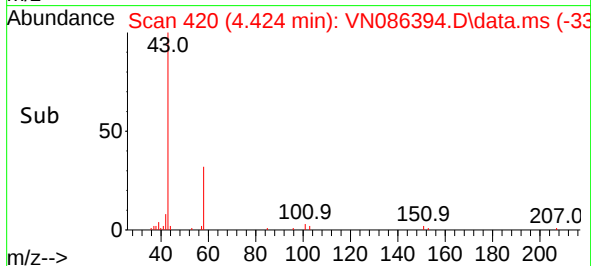
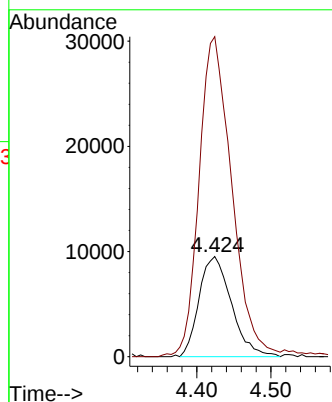
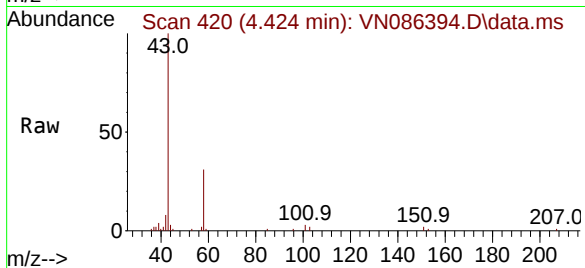
43 315.0 255.1 382.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#16

Carbon Disulfide

Concen: 18.037 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086394.D

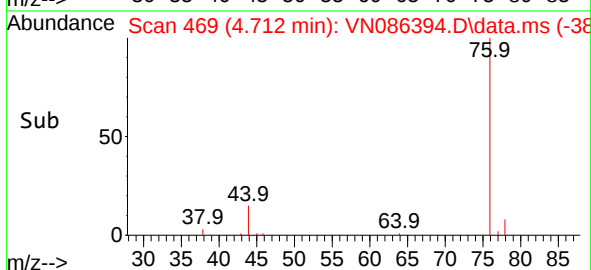
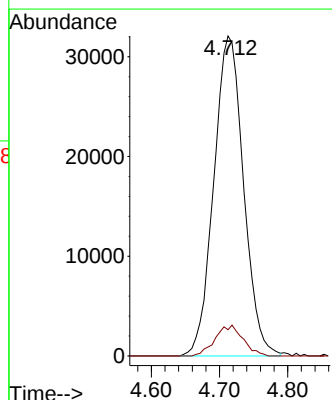
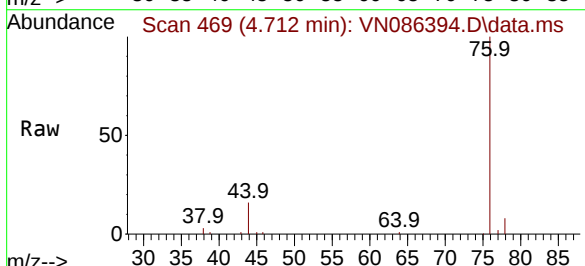
Acq: 24 Apr 2025 12:22

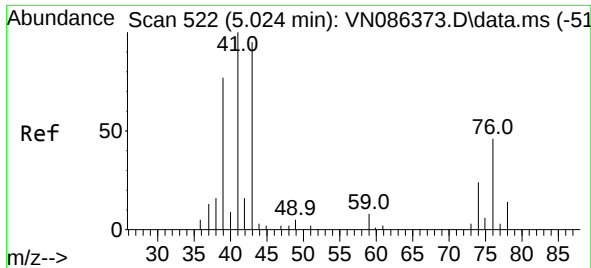
Tgt Ion: 76 Resp: 97623

Ion Ratio Lower Upper

76 100

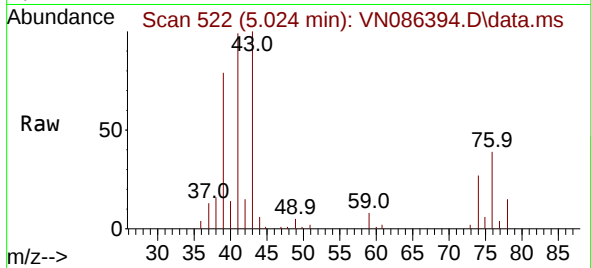
78 8.2 7.1 10.7





#17
 Allyl chloride
 Concen: 18.649 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN086394.D
 Acq: 24 Apr 2025 12:22

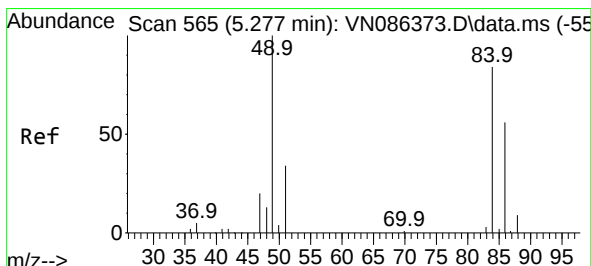
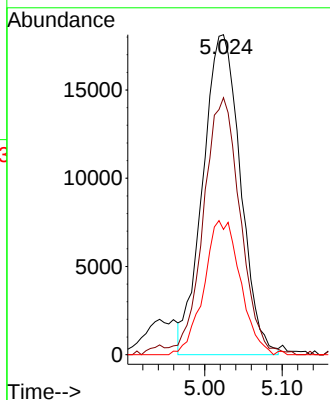
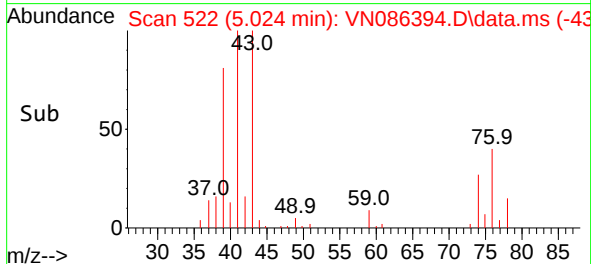
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBSD01



Tgt Ion: 41 Resp: 61250
 Ion Ratio Lower Upper
 41 100
 39 80.1 36.7 110.1
 76 38.9 21.8 65.4

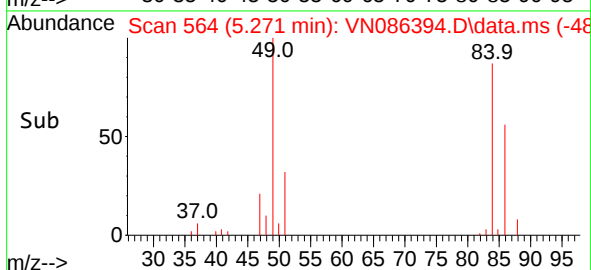
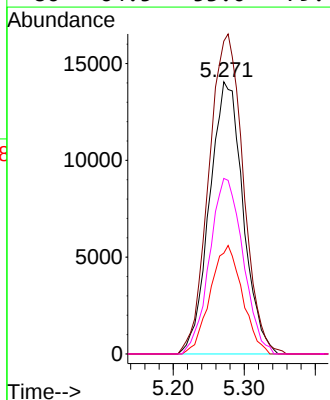
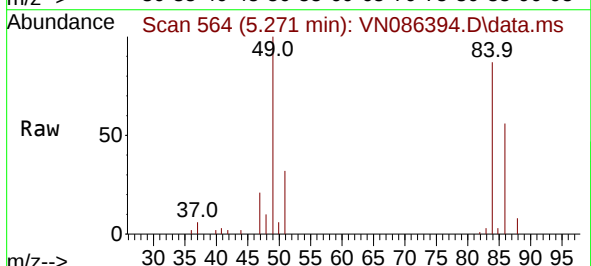
Manual Integrations
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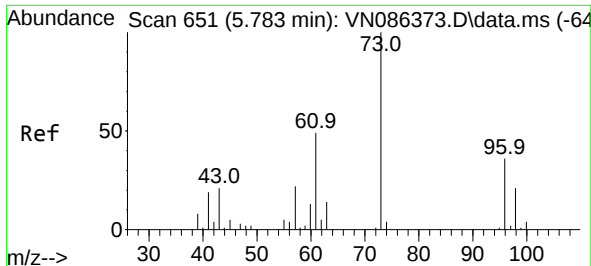
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#18
 Methylene Chloride
 Concen: 19.655 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086394.D
 Acq: 24 Apr 2025 12:22

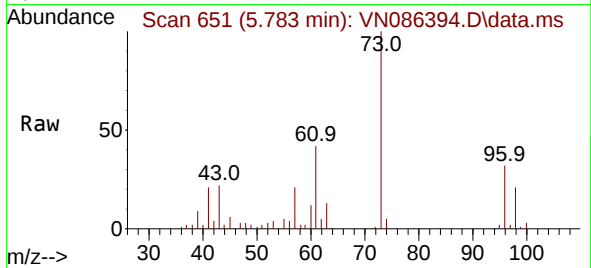
Tgt Ion: 84 Resp: 45977
 Ion Ratio Lower Upper
 84 100
 49 115.0 95.4 143.0
 51 37.1 32.8 49.2
 86 64.5 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 18.883 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

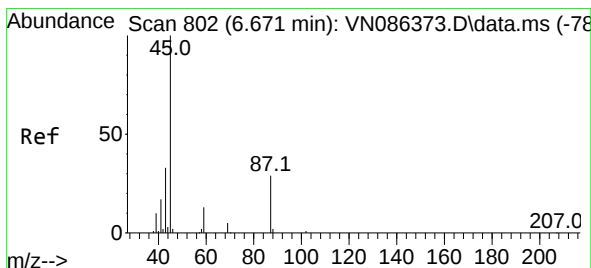
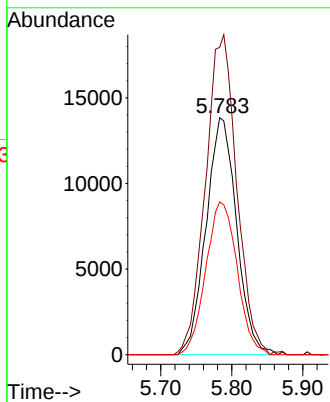
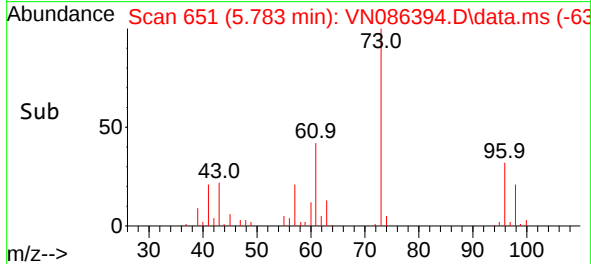
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 96 Resp: 4134
Ion Ratio Lower Upper
96 100
61 128.6 107.3 160.9
98 64.5 46.7 70.1

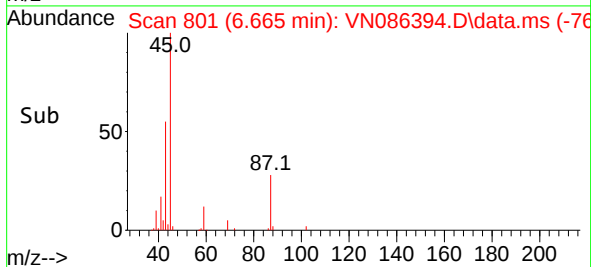
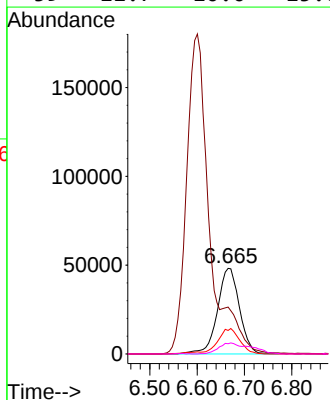
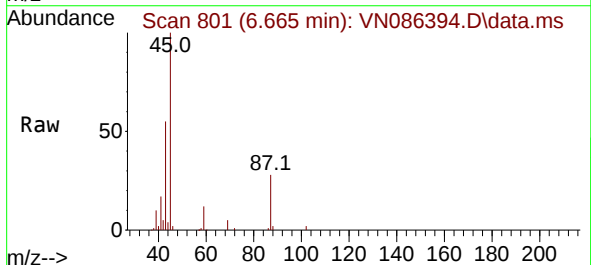
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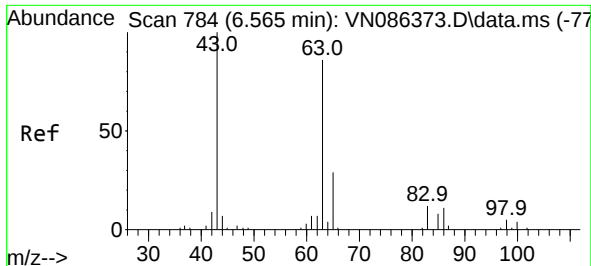
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Diisopropyl ether
Concen: 19.943 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Tgt Ion: 45 Resp: 155739
Ion Ratio Lower Upper
45 100
43 53.5 38.8 58.2
87 27.5 23.5 35.3
59 11.7 10.0 15.0





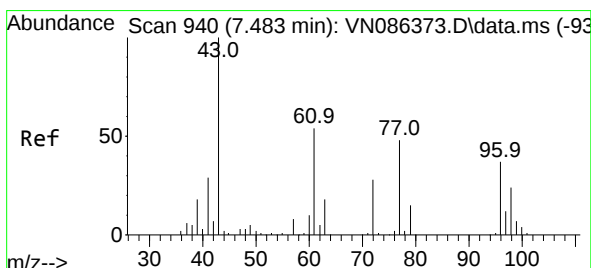
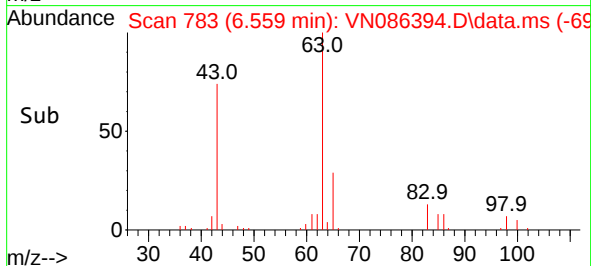
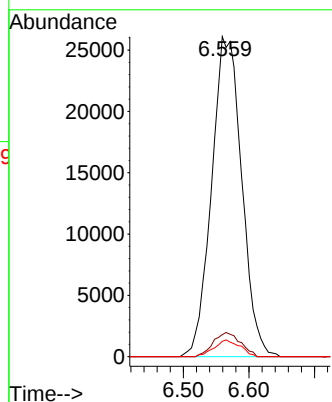
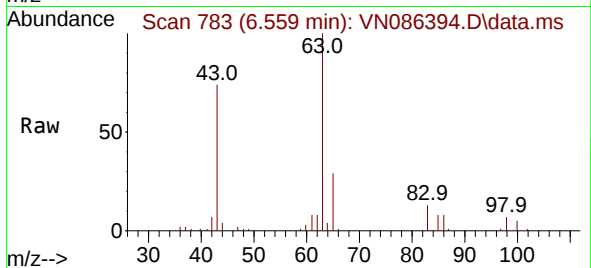
#21
1,1-Dichloroethane
Concen: 19.447 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion: 63 Resp: 83129
Ion Ratio Lower Upper
63 100
98 6.9 3.0 9.2
100 4.8 2.3 6.8

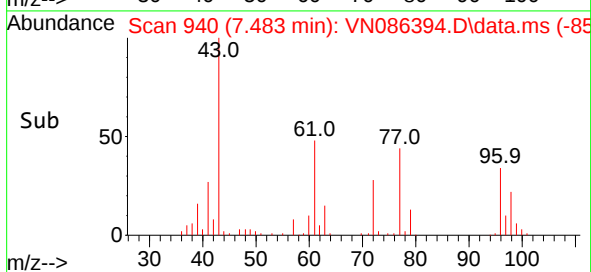
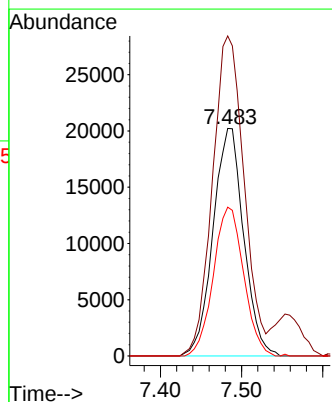
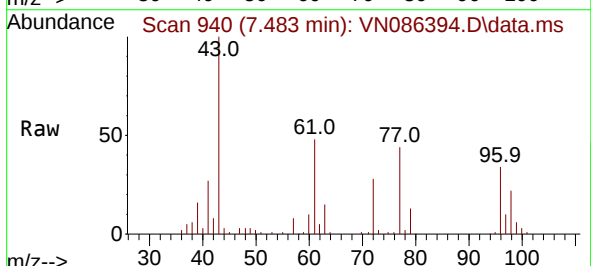
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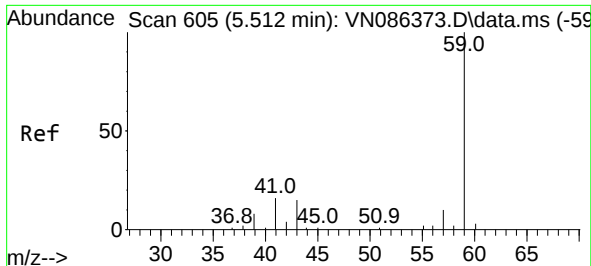
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#22
cis-1,2-Dichloroethene
Concen: 19.357 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

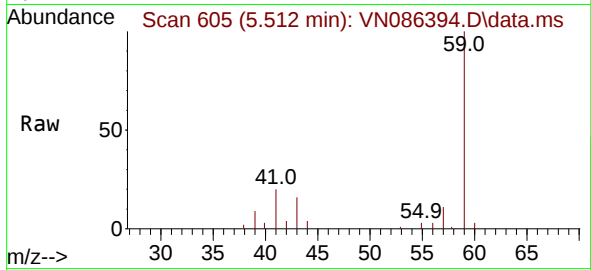
Tgt Ion: 96 Resp: 52990
Ion Ratio Lower Upper
96 100
61 145.0 120.6 181.0
98 64.7 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 114.160 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

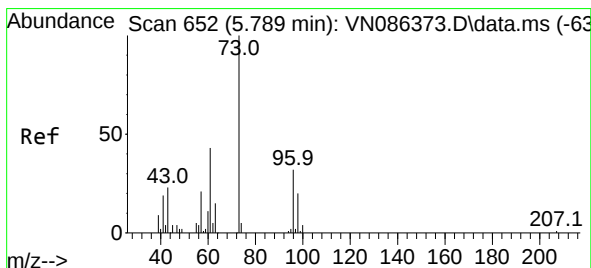
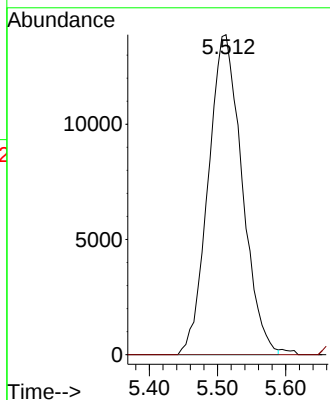
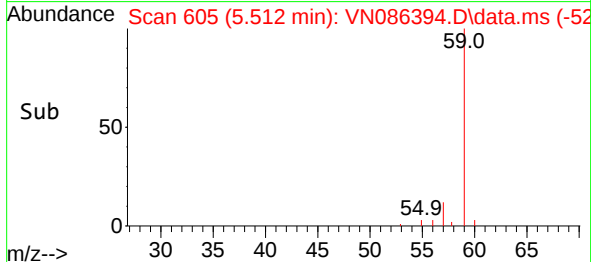
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



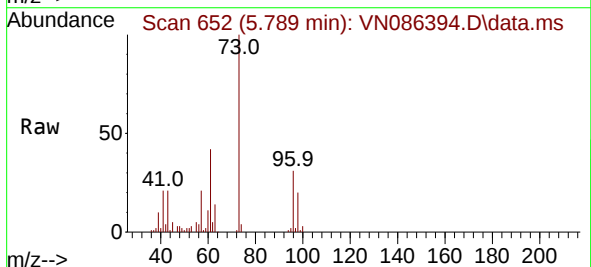
Tgt Ion: 59 Resp: 47919
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

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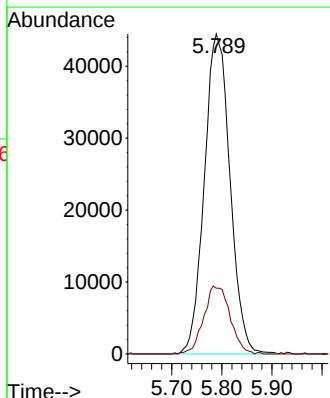
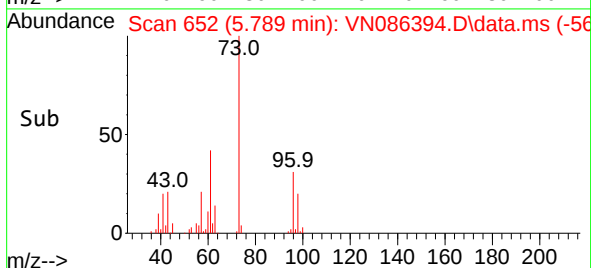
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

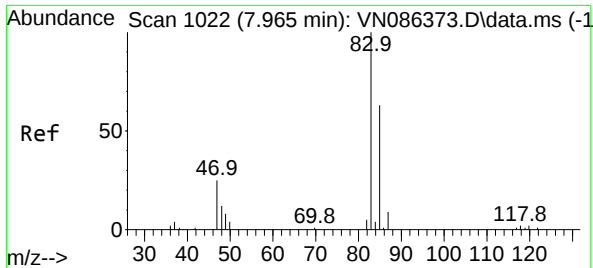


#24
Methyl tert-Butyl Ether
Concen: 20.850 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



Tgt Ion: 73 Resp: 158233
Ion Ratio Lower Upper
73 100
43 13.3 17.1 25.7





#25

Chloroform

Concen: 19.768 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086394.D

Acq: 24 Apr 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

Tgt Ion: 83 Resp: 85520

Ion Ratio Lower Upper

83 100

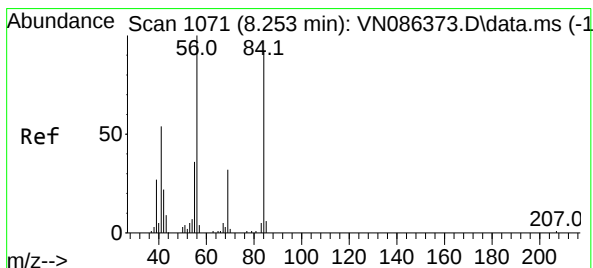
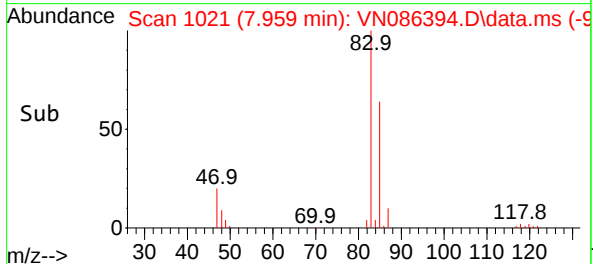
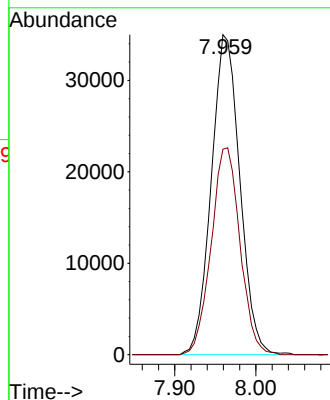
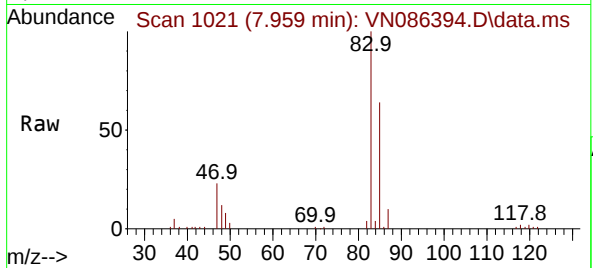
85 64.2 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#26

Cyclohexane

Concen: 18.388 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086394.D

Acq: 24 Apr 2025 12:22

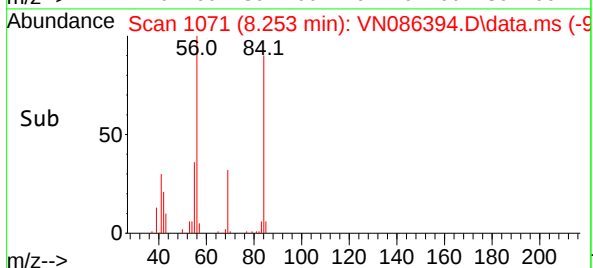
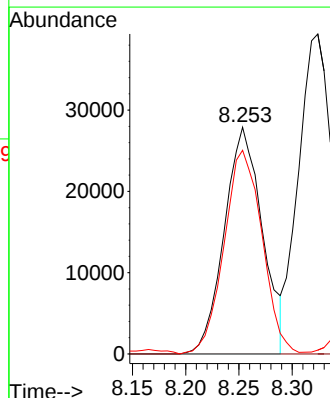
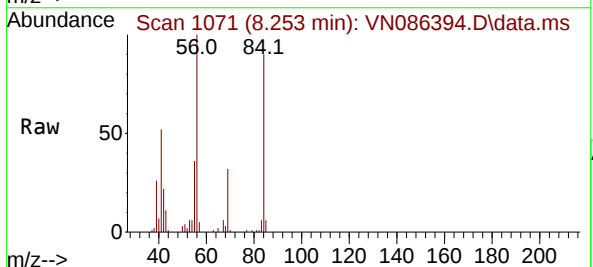
Tgt Ion: 56 Resp: 69404

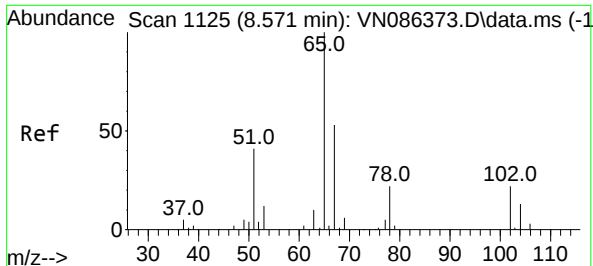
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.7 71.5 107.3





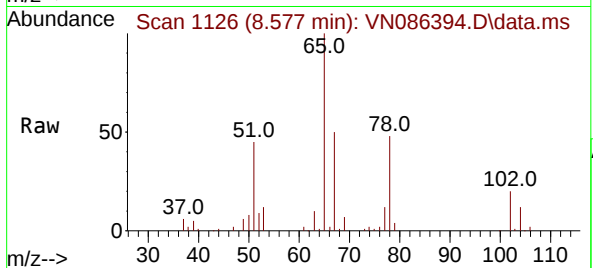
#27
1,2-Dichloroethane-d4
Concen: 31.044 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01



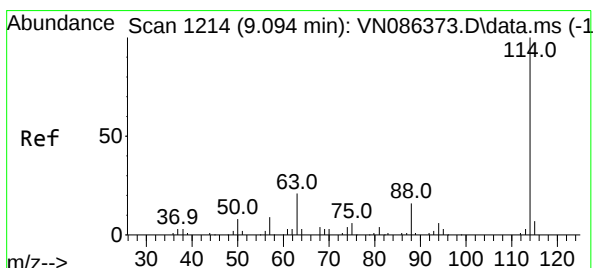
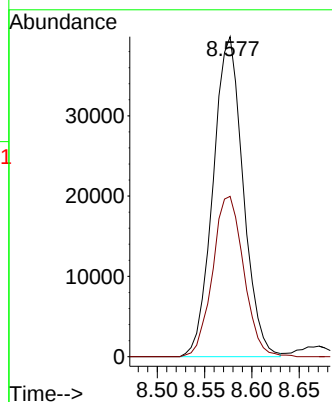
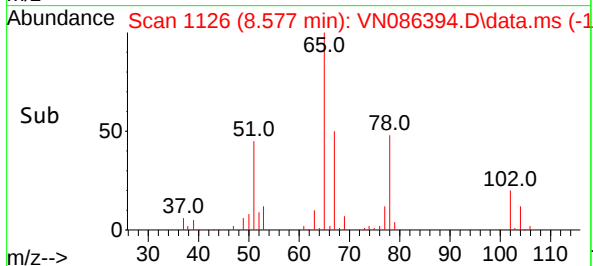
Tgt Ion: 65 Resp: 8812
Ion Ratio Lower Upper
65 100
67 51.6 42.5 63.7

Manual Integrations

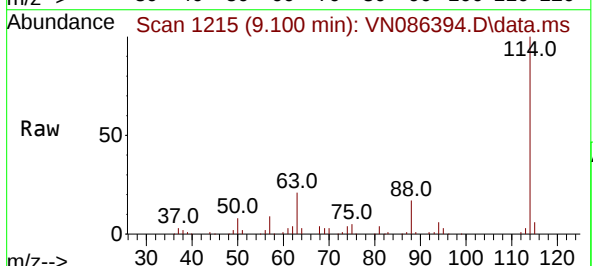
APPROVED

Reviewed By :John Carlone 04/25/2025

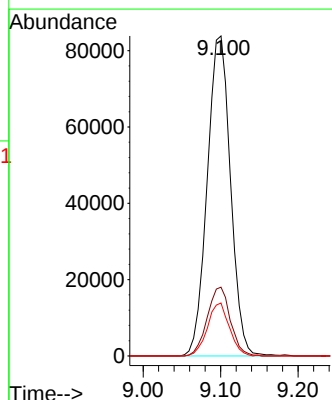
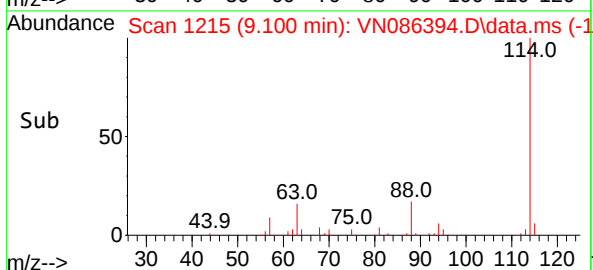
Supervised By :Mahesh Dadoda 04/25/2025

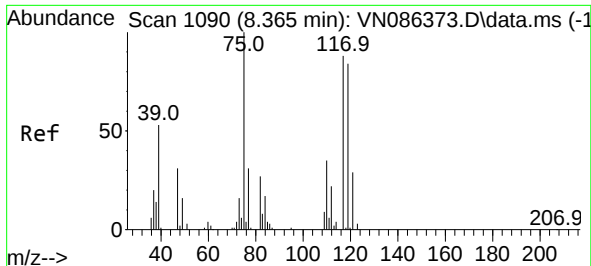


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



Tgt Ion:114 Resp: 175060
Ion Ratio Lower Upper
114 100
63 21.2 16.7 25.1
88 15.6 12.6 19.0





#29

1,1-Dichloropropene

Concen: 18.922 ug/l

RT: 8.371 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VN086394.D

Acq: 24 Apr 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

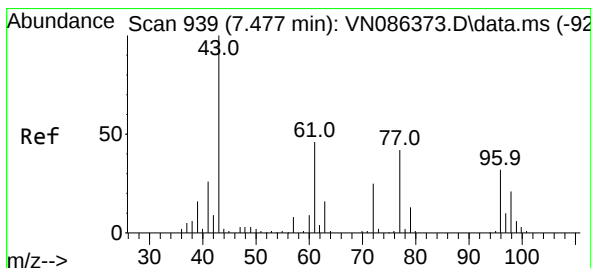
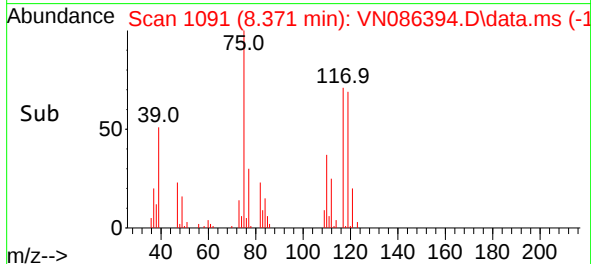
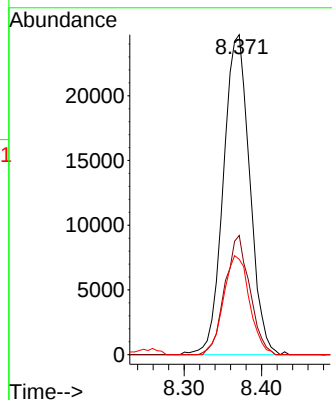
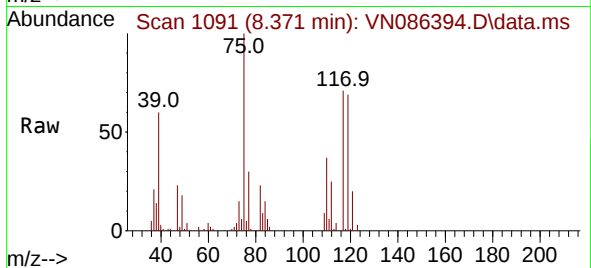
Tgt Ion:	75	Resp:	5839
Ion Ratio	Lower	Upper	
75	100		
110	35.1	0.0	68.0
77	30.7	0.0	61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#30

2-Butanone

Concen: 105.898 ug/l

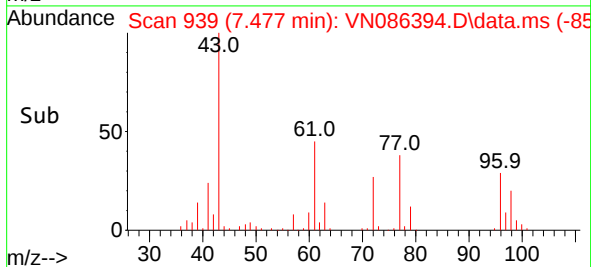
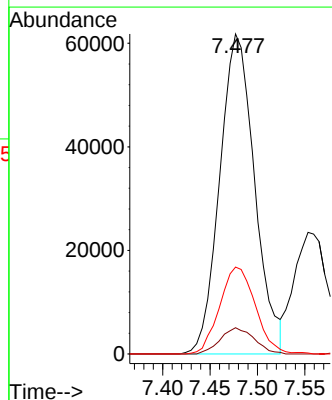
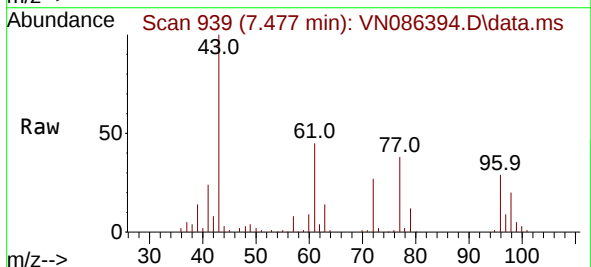
RT: 7.477 min Scan# 939

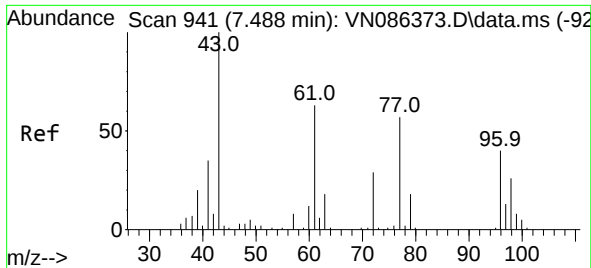
Delta R.T. 0.000 min

Lab File: VN086394.D

Acq: 24 Apr 2025 12:22

Tgt Ion:	43	Resp:	158628
Ion Ratio	Lower	Upper	
43	100		
57	7.9	6.6	10.0
72	27.6	22.2	33.4





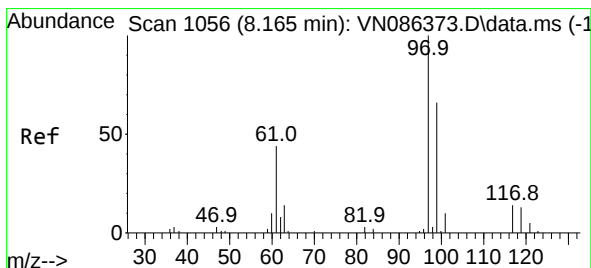
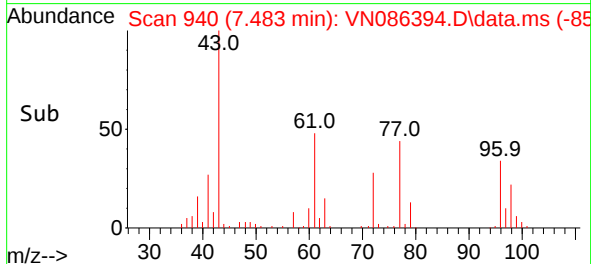
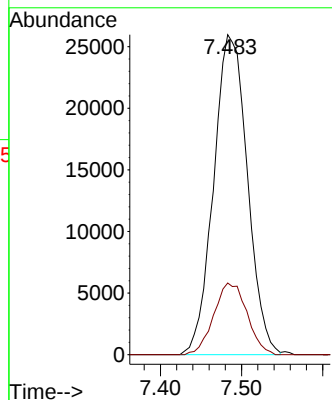
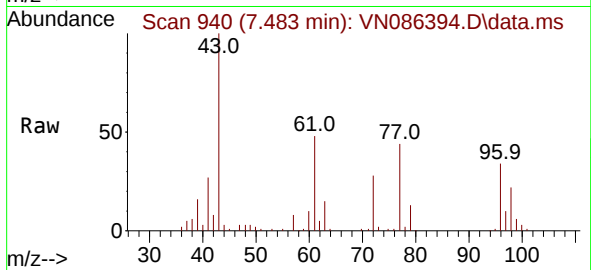
#31
2,2-Dichloropropane
Concen: 18.938 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion: 77 Resp: 7513
Ion Ratio Lower Upper
77 100
97 22.0 18.2 27.2

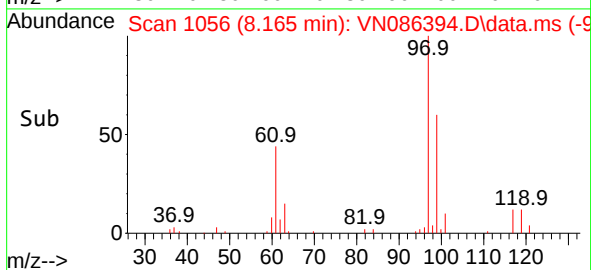
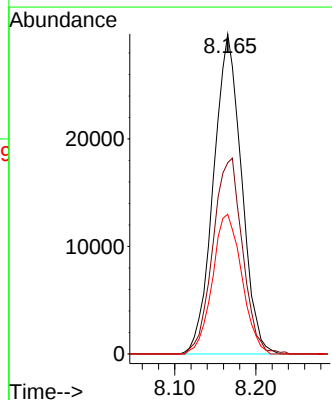
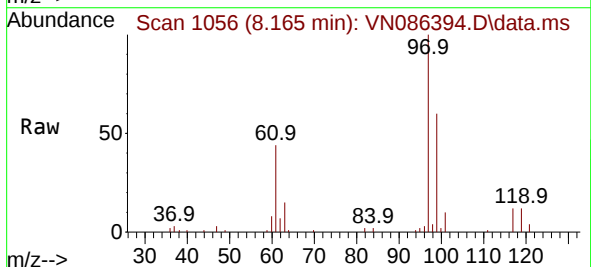
Manual Integrations
APPROVED

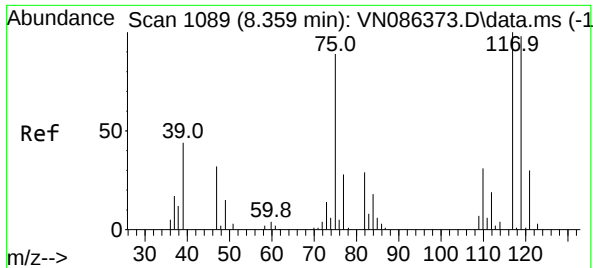
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#32
1,1,1-Trichloroethane
Concen: 19.356 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

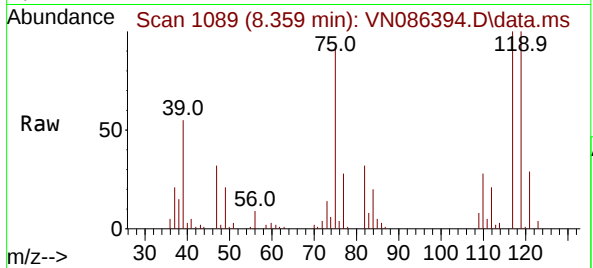
Tgt Ion: 97 Resp: 71384
Ion Ratio Lower Upper
97 100
99 64.3 52.6 79.0
61 45.7 36.4 54.6





#33
Carbon Tetrachloride
Concen: 19.098 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

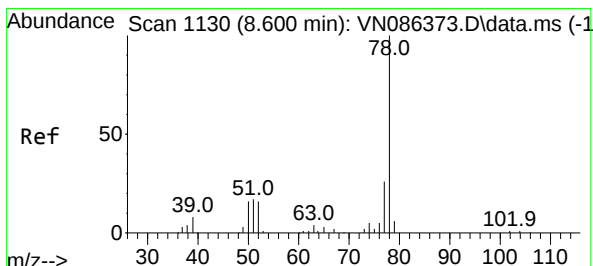
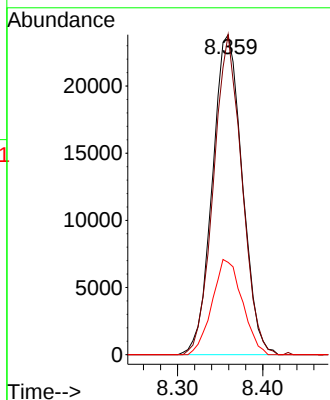
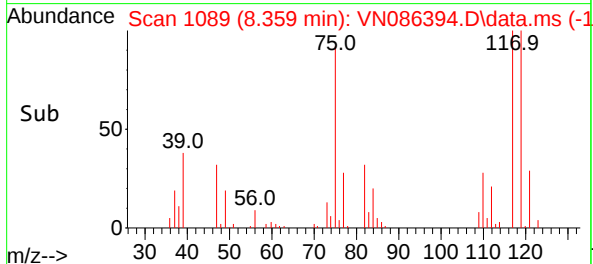
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



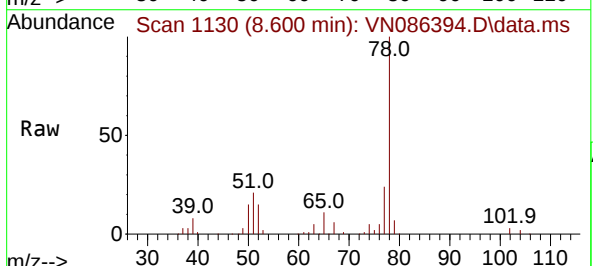
Tgt Ion: 117 Resp: 57980
Ion Ratio Lower Upper
117 100
119 100.1 78.6 117.8
121 28.9 24.0 36.0

Manual Integrations
APPROVED

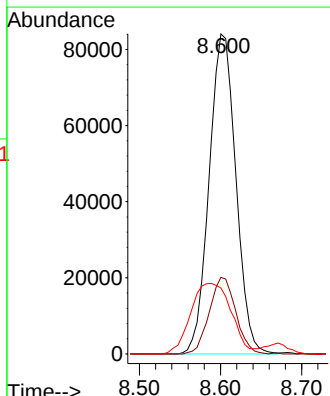
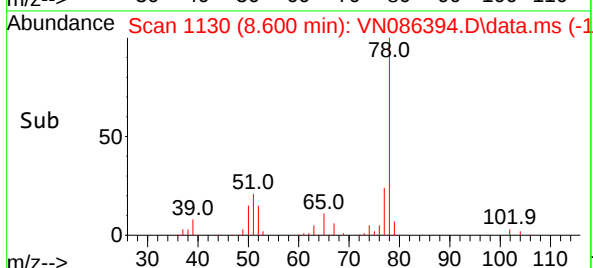
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

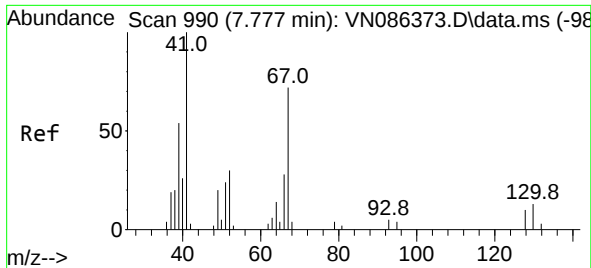


#34
Benzene
Concen: 19.608 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



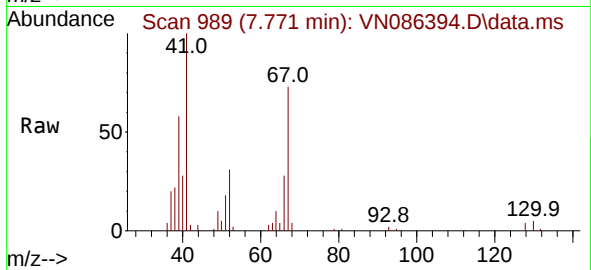
Tgt Ion: 78 Resp: 192469
Ion Ratio Lower Upper
78 100
77 23.9 20.8 31.2
51 17.9 14.0 21.0





#35
Methacrylonitrile
Concen: 20.545 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

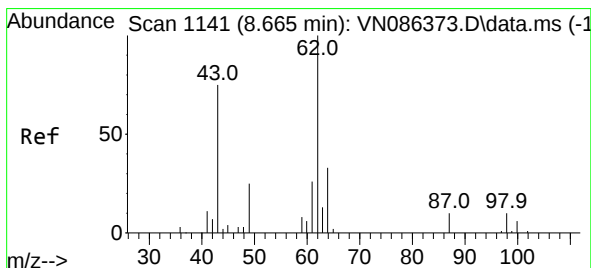
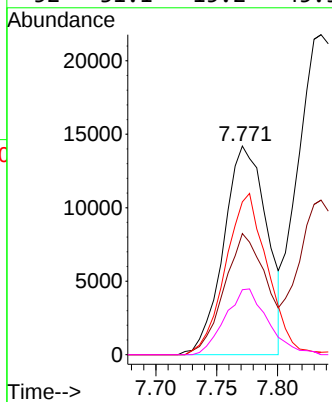
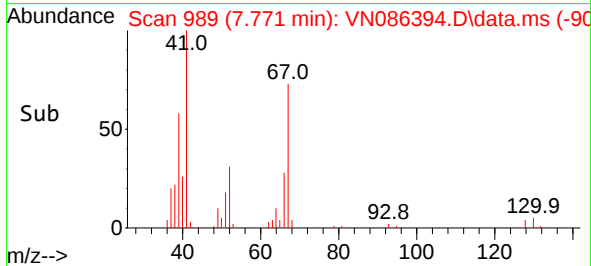
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 41 Resp: 3510
Ion Ratio Lower Upper
41 100
39 58.0 27.0 80.8
67 73.2 35.8 107.3
52 31.1 15.2 45.5

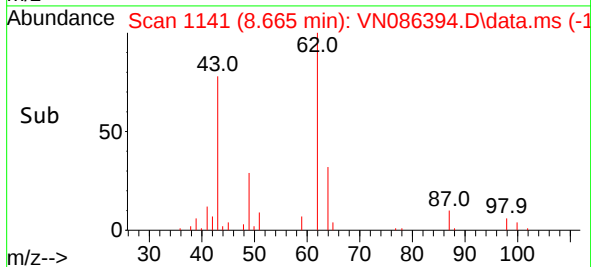
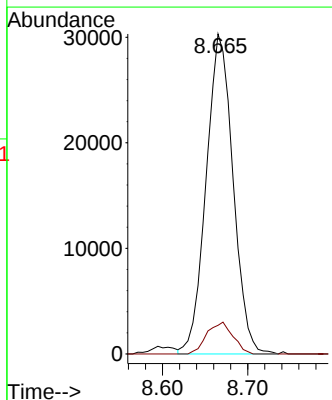
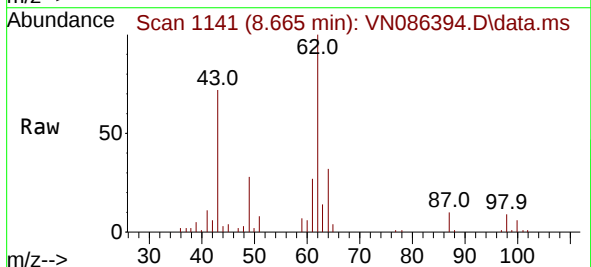
Manual Integrations
APPROVED

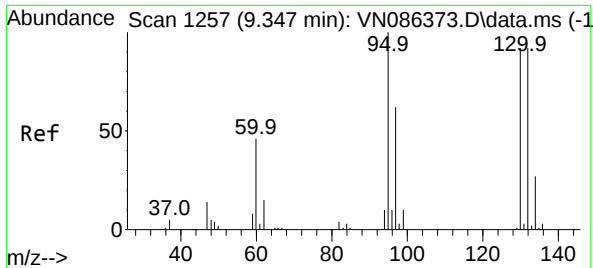
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#36
1,2-Dichloroethane
Concen: 20.863 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

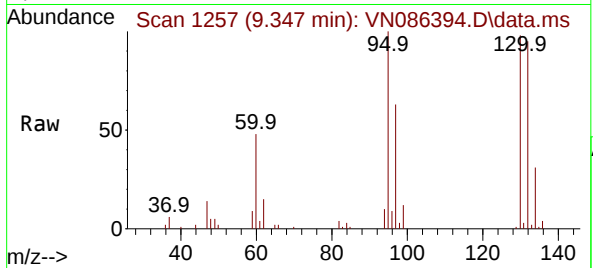
Tgt Ion: 62 Resp: 66490
Ion Ratio Lower Upper
62 100
98 9.6 7.6 11.4





#37
Trichloroethene
Concen: 19.477 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

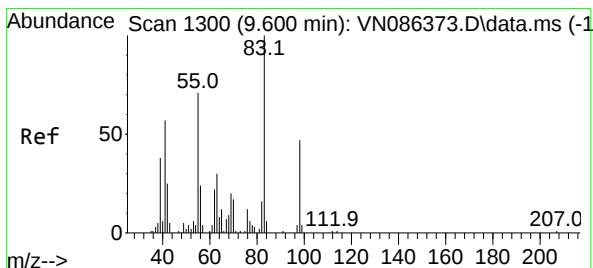
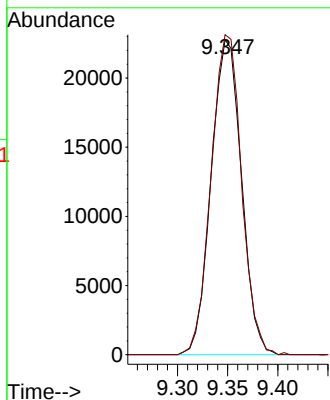
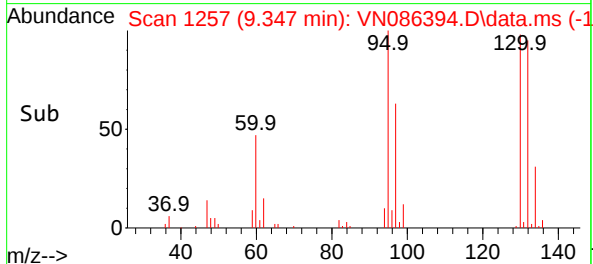
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



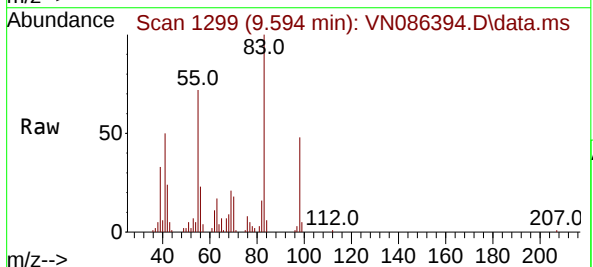
Tgt Ion:130 Resp: 47862
Ion Ratio Lower Upper
130 100
95 101.6 86.6 130.0

Manual Integrations
APPROVED

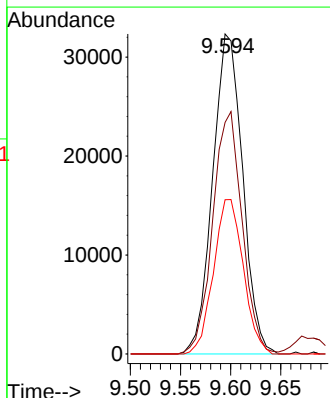
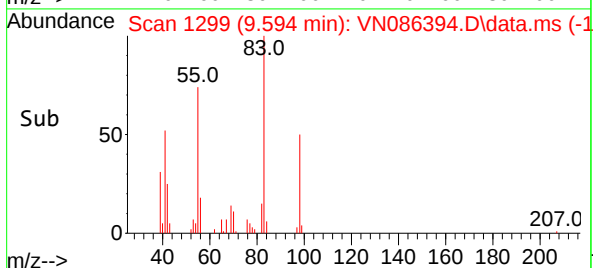
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

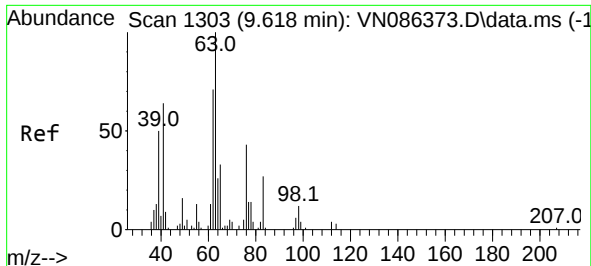


#38
Methylcyclohexane
Concen: 18.817 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



Tgt Ion: 83 Resp: 67068
Ion Ratio Lower Upper
83 100
55 74.5 37.3 111.9
98 48.0 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.880 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086394.D

Acq: 24 Apr 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

Tgt Ion: 63 Resp: 48208

Ion Ratio Lower Upper

63 100

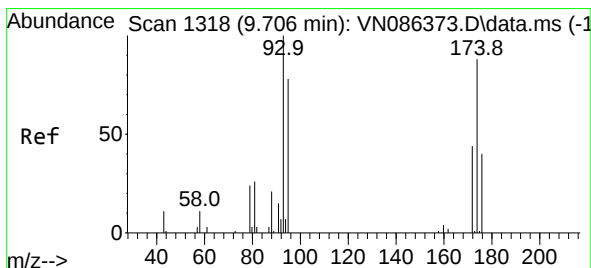
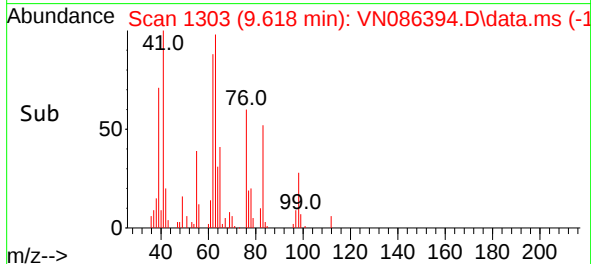
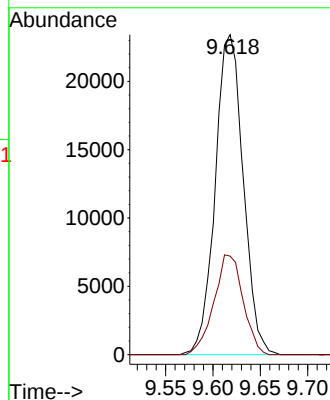
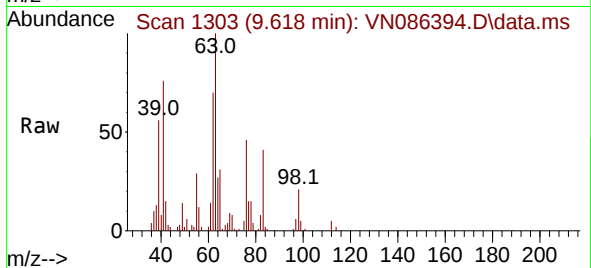
65 30.8 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#40

Dibromomethane

Concen: 20.401 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086394.D

Acq: 24 Apr 2025 12:22

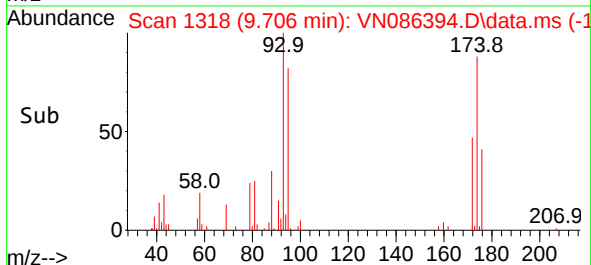
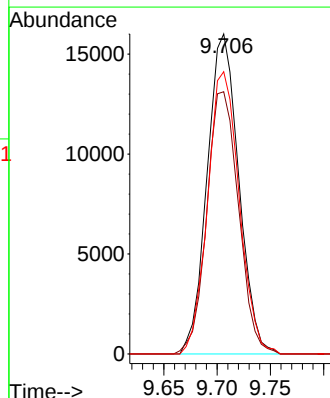
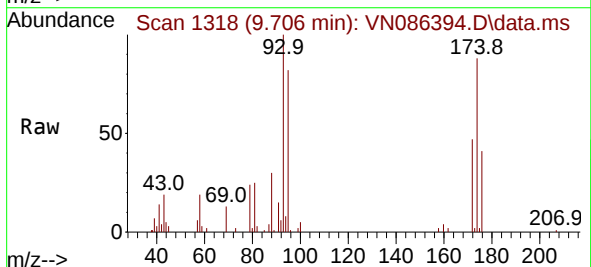
Tgt Ion: 93 Resp: 33085

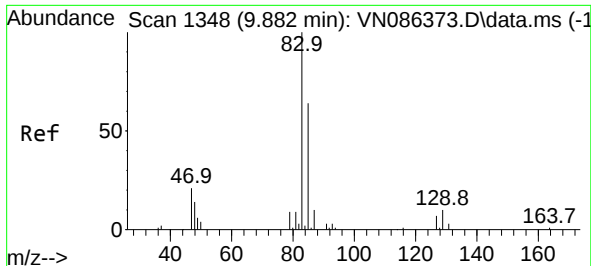
Ion Ratio Lower Upper

93 100

95 82.3 0.0 159.2

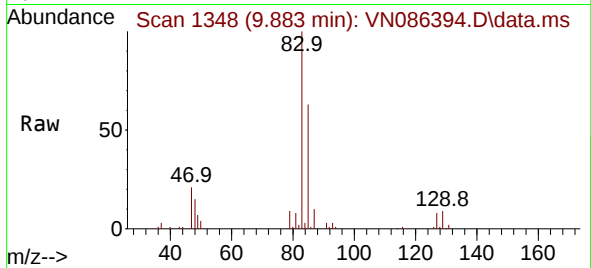
174 88.1 0.0 171.4





#41
Bromodichloromethane
Concen: 20.339 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

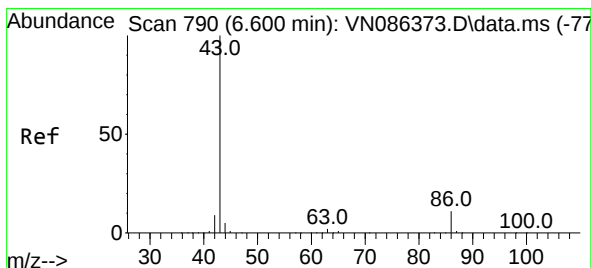
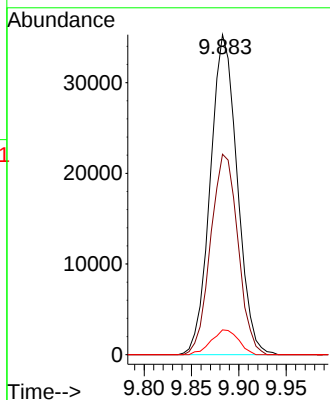
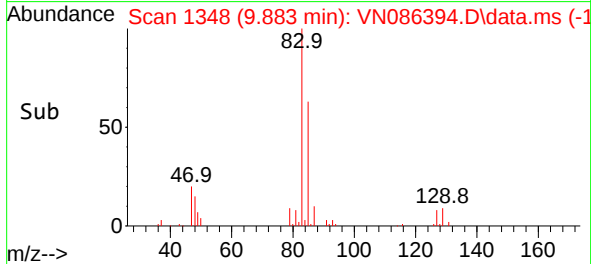
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



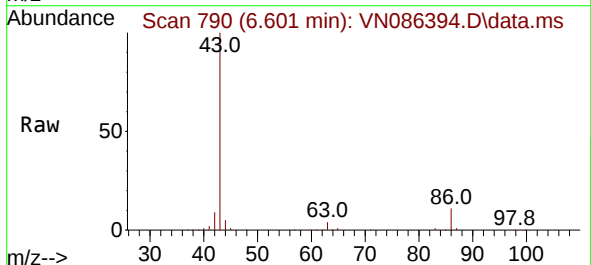
Tgt Ion: 83 Resp: 69799
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7
127 7.7 5.9 8.9

Manual Integrations
APPROVED

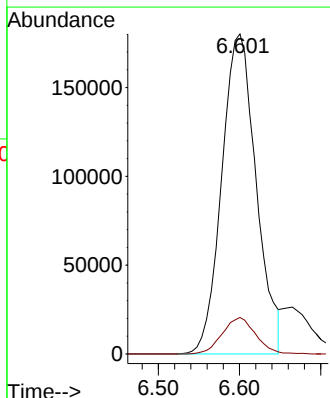
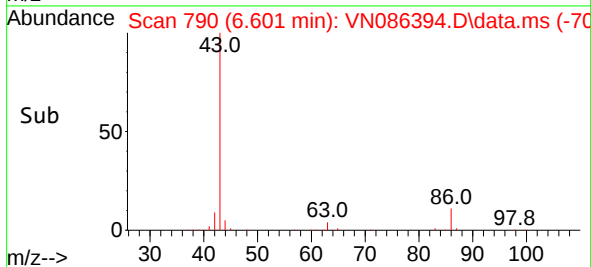
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

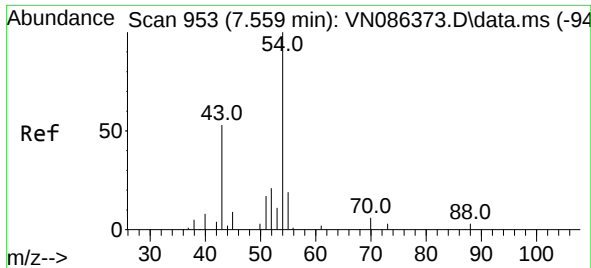


#42
Vinyl Acetate
Concen: 102.539 ug/l
RT: 6.601 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



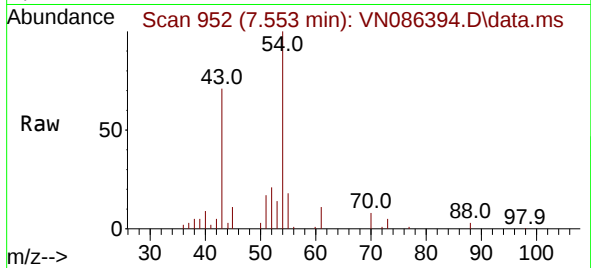
Tgt Ion: 43 Resp: 532074
Ion Ratio Lower Upper
43 100
86 11.1 8.9 13.3





#43
Ethyl Acetate
Concen: 20.813 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

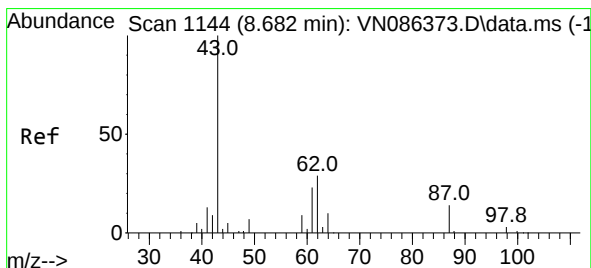
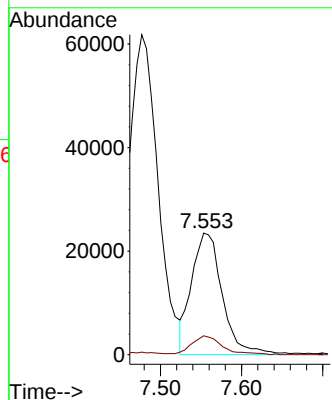
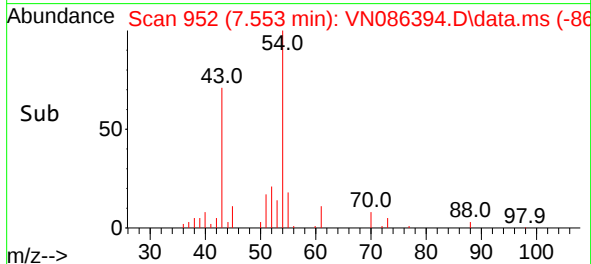
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 43 Resp: 61698
Ion Ratio Lower Upper
43 100
45 15.3 11.4 17.2

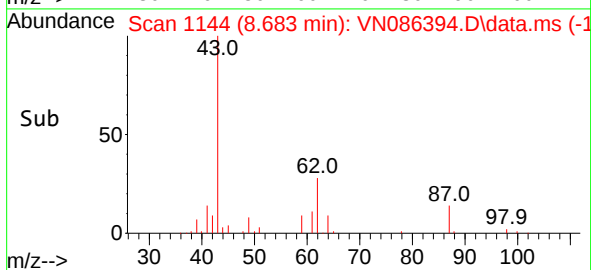
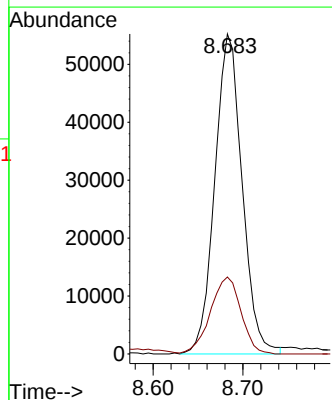
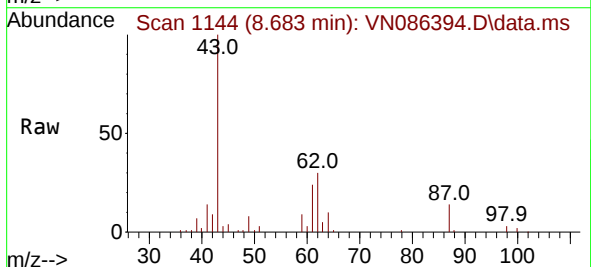
Manual Integrations
APPROVED

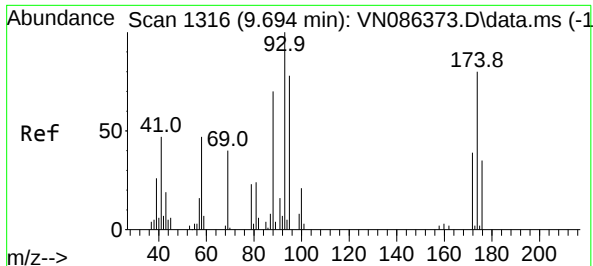
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#44
Isopropyl Acetate
Concen: 20.790 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

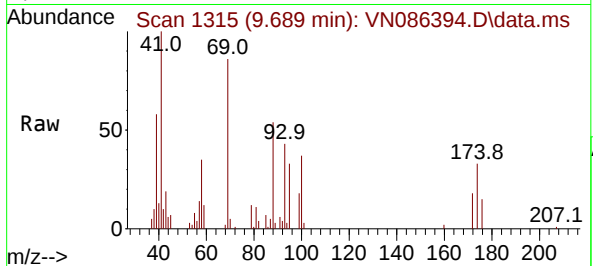
Tgt Ion: 43 Resp: 116969
Ion Ratio Lower Upper
43 100
61 26.8 21.0 31.4





#45
1,4-Dioxane
Concen: 445.661 ug/l
RT: 9.689 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

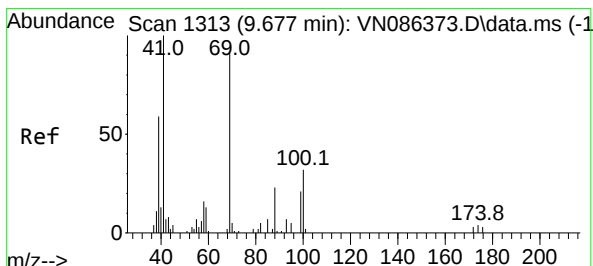
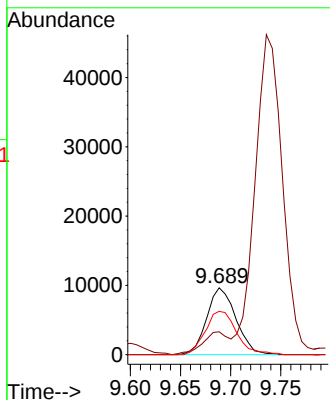
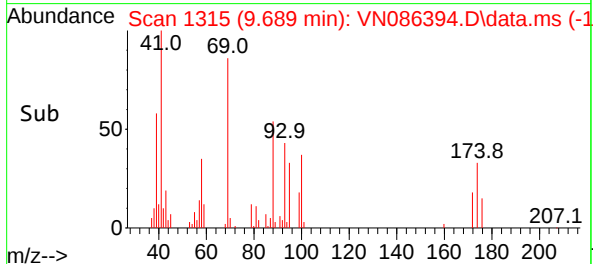
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



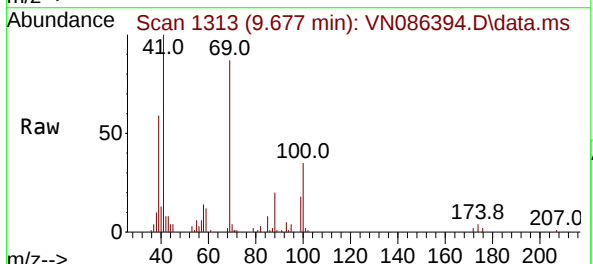
Tgt Ion: 88 Resp: 1956
Ion Ratio Lower Upper
88 100
43 30.9 24.9 37.3
58 69.7 57.8 86.8

Manual Integrations
APPROVED

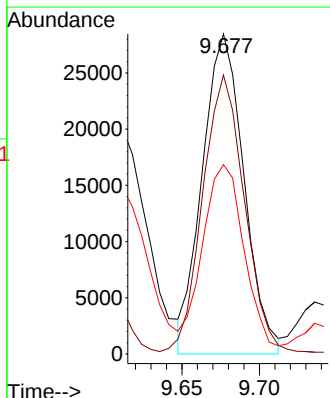
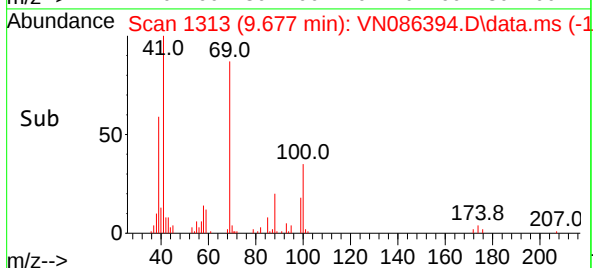
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

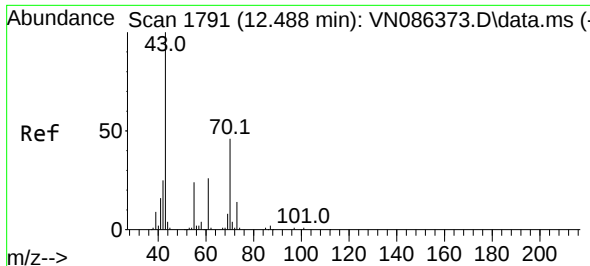


#46
Methyl methacrylate
Concen: 20.484 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



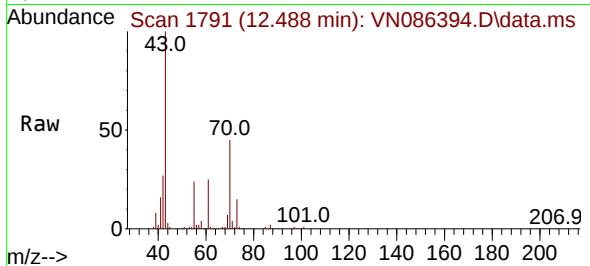
Tgt Ion: 41 Resp: 53159
Ion Ratio Lower Upper
41 100
69 88.7 44.1 132.3
39 59.5 30.0 90.1





#47
n-amy1 Acetate
Concen: 19.769 ug/l
RT: 12.488 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

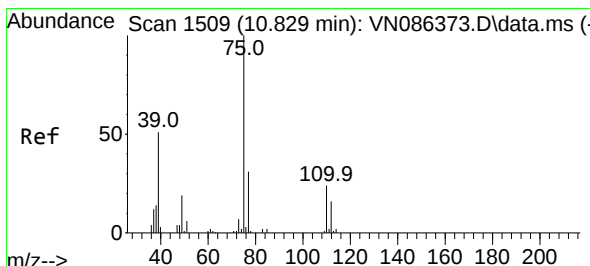
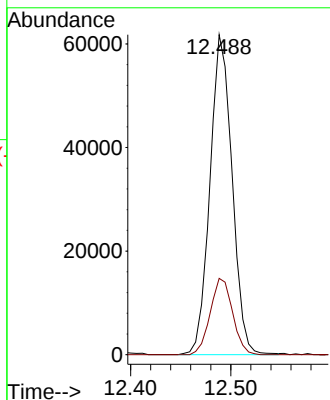
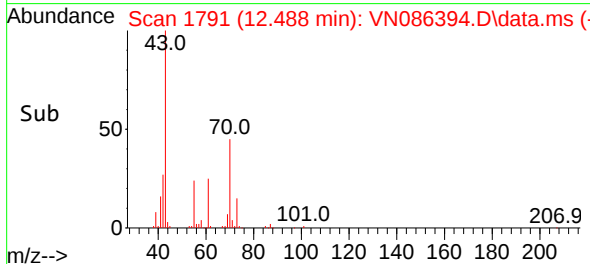
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 43 Resp: 94790
Ion Ratio Lower Upper
43 100
55 24.0 19.4 29.0

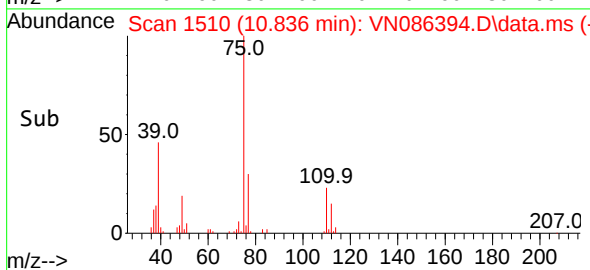
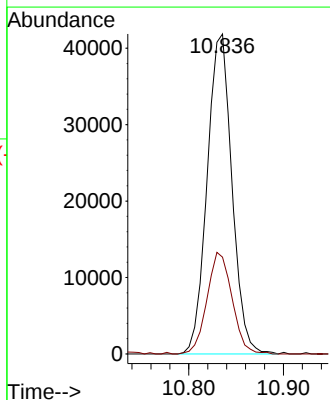
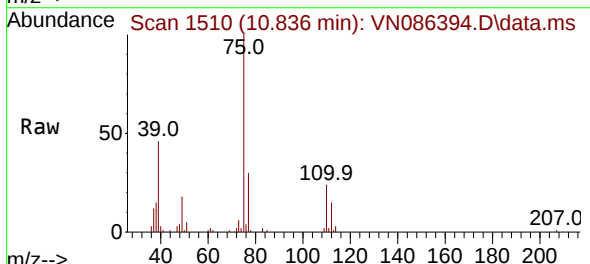
Manual Integrations
APPROVED

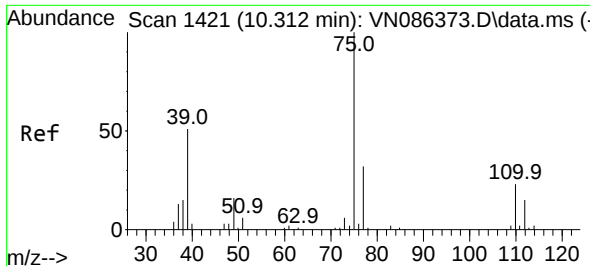
Reviewed By :John Carbone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#48
t-1,3-Dichloropropene
Concen: 19.821 ug/l
RT: 10.836 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

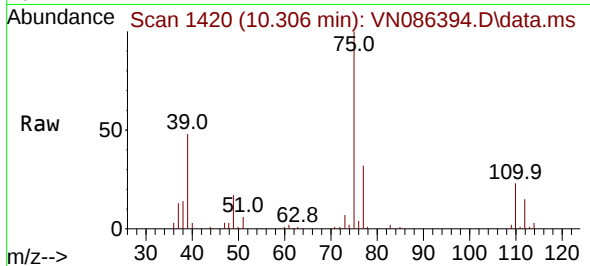
Tgt Ion: 75 Resp: 76048
Ion Ratio Lower Upper
75 100
77 30.2 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.827 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN086394.D
 Acq: 24 Apr 2025 12:22

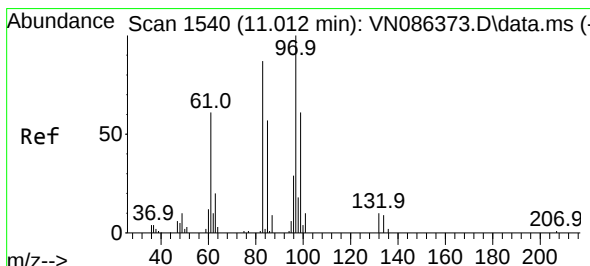
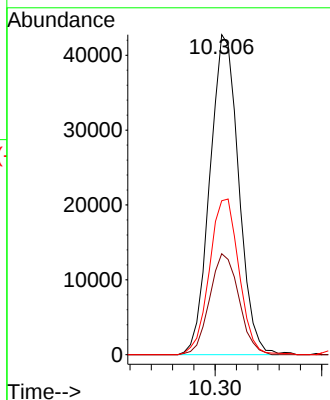
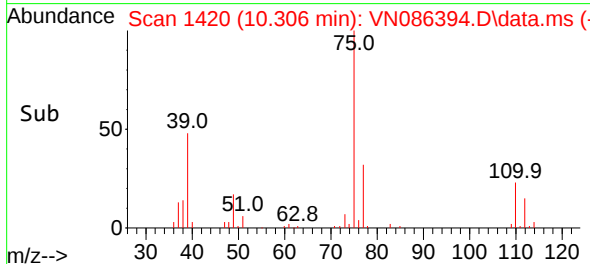
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBSD01



Tgt Ion: 75 Resp: 8022
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 48.1 40.6 60.8

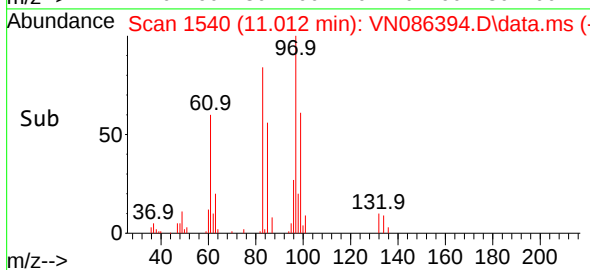
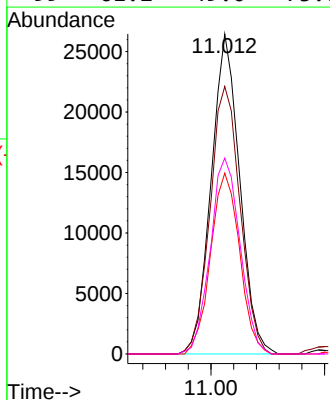
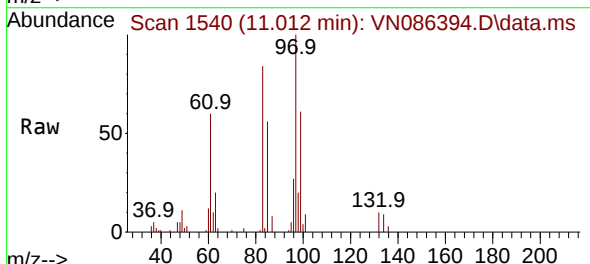
Manual Integrations
 APPROVED

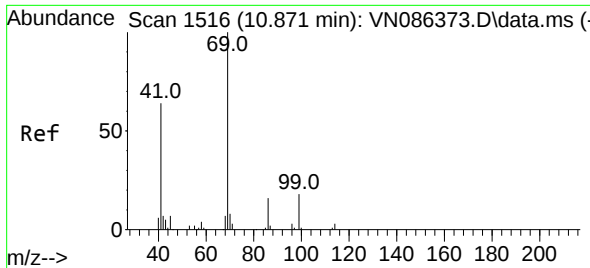
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.324 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086394.D
 Acq: 24 Apr 2025 12:22

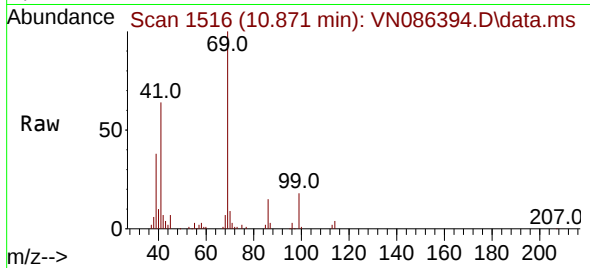
Tgt Ion: 97 Resp: 46038
 Ion Ratio Lower Upper
 97 100
 83 83.6 69.3 103.9
 85 56.5 45.5 68.3
 99 61.2 49.0 73.6





#51
Ethyl methacrylate
Concen: 20.360 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

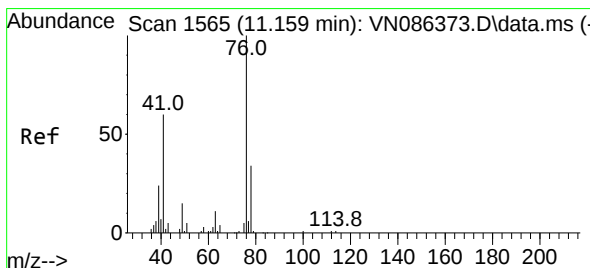
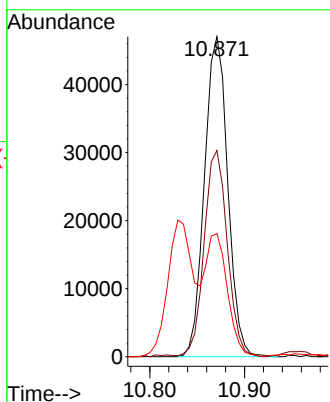
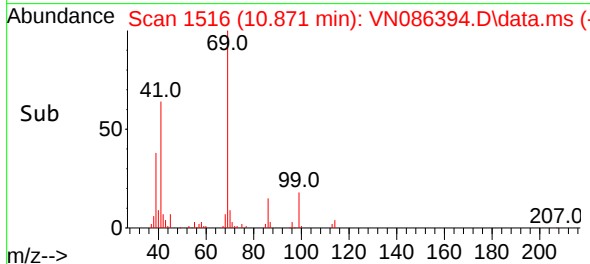
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 69 Resp: 80319
Ion Ratio Lower Upper
69 100
41 64.1 32.3 96.8
39 38.0 19.1 57.1

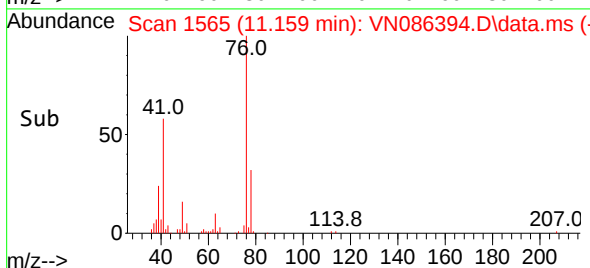
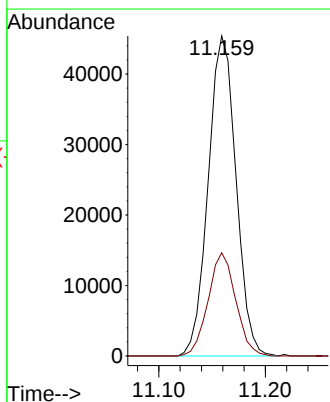
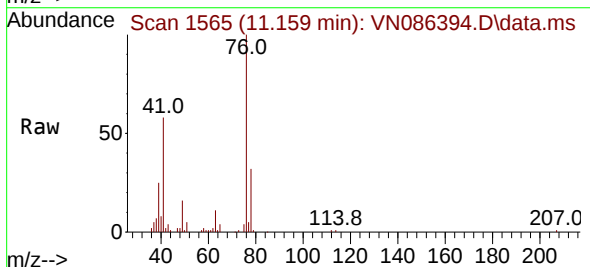
Manual Integrations
APPROVED

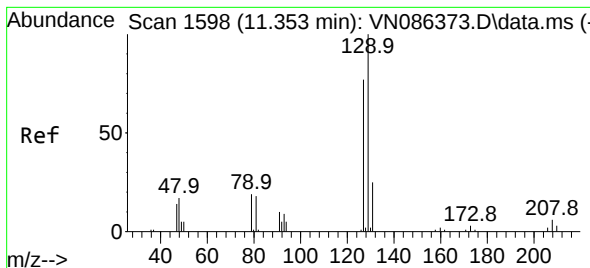
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
1,3-Dichloropropane
Concen: 20.576 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Tgt Ion: 76 Resp: 82373
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.6





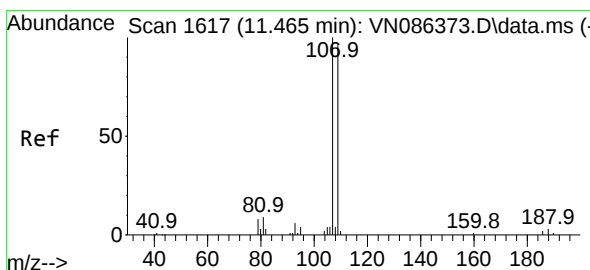
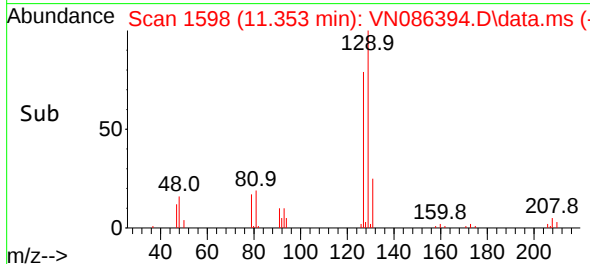
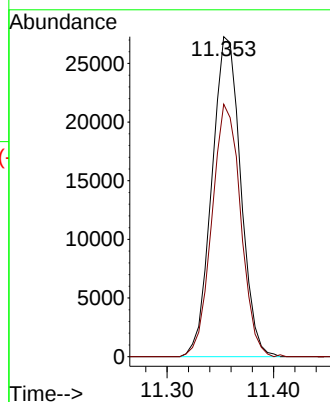
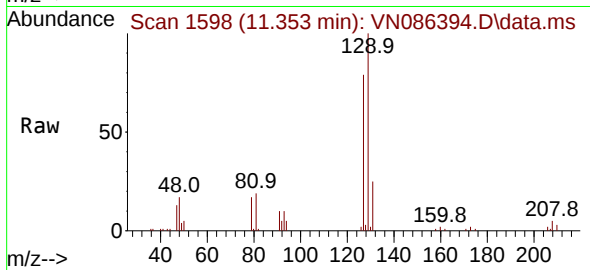
#53
Dibromochloromethane
Concen: 20.171 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion:129 Resp: 51300
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.3

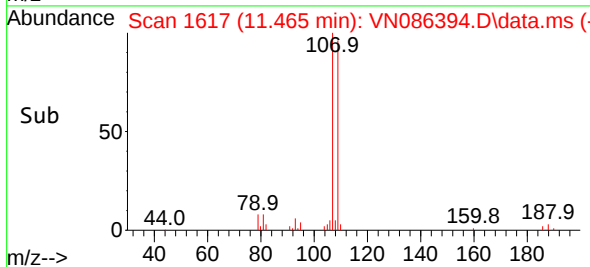
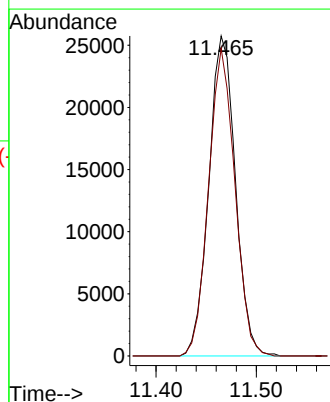
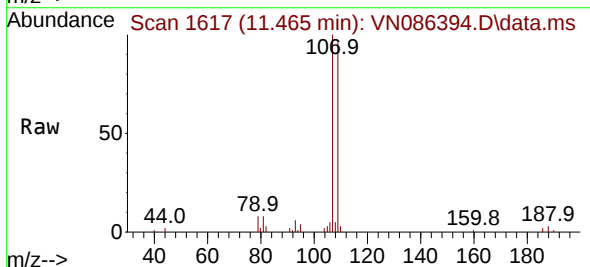
Manual Integrations
APPROVED

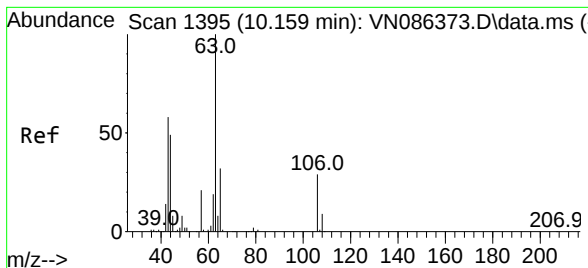
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#54
1,2-Dibromoethane
Concen: 20.578 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

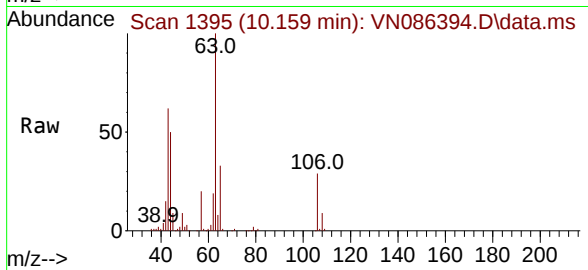
Tgt Ion:107 Resp: 47394
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 116.613 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

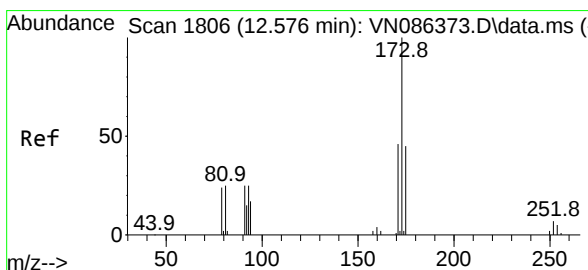
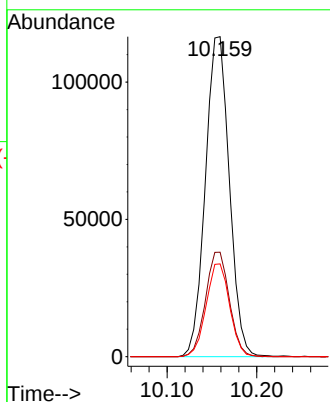
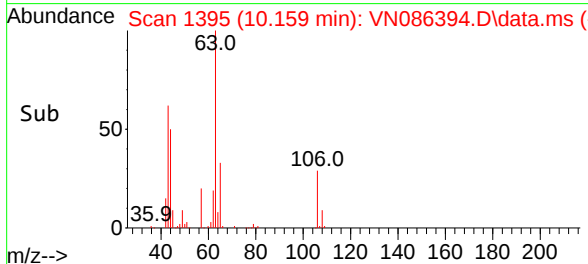
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 63 Resp: 216290
Ion Ratio Lower Upper
63 100
65 32.4 25.7 38.5
106 28.5 22.3 33.5

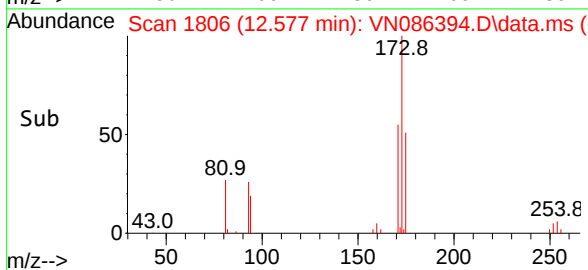
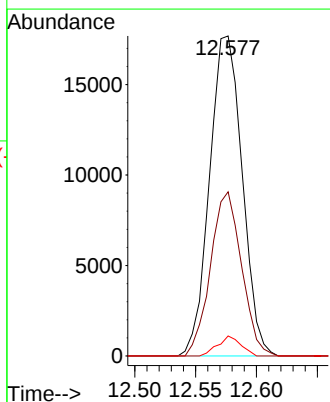
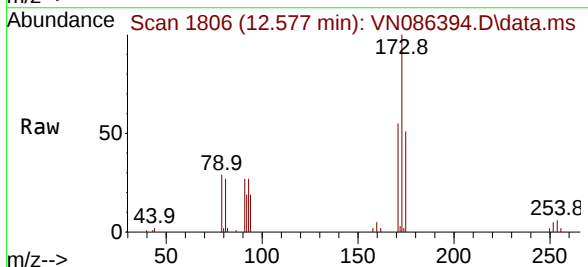
Manual Integrations
APPROVED

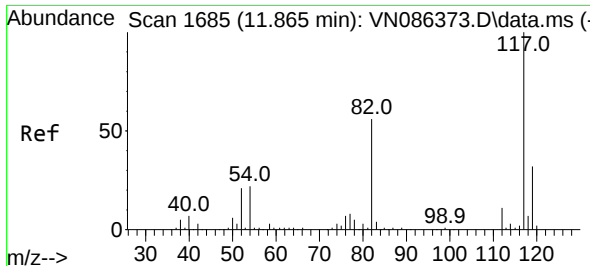
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#56
Bromoform
Concen: 20.008 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

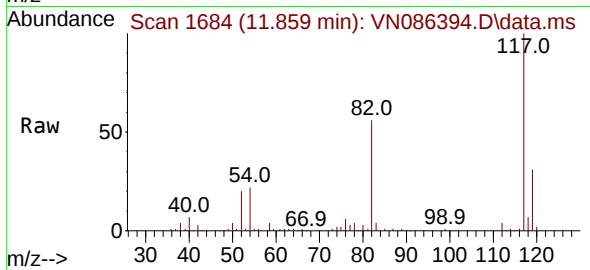
Tgt Ion:173 Resp: 33024
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.6
254 4.4 3.8 5.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

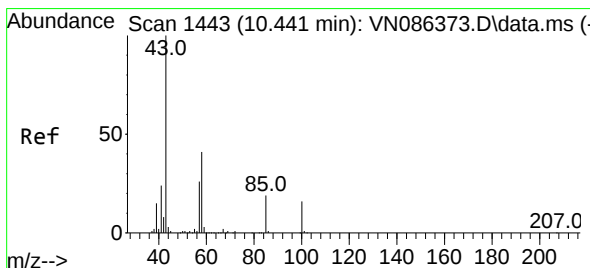
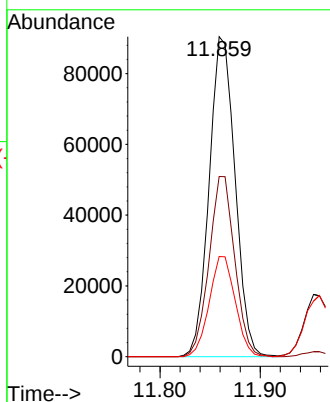
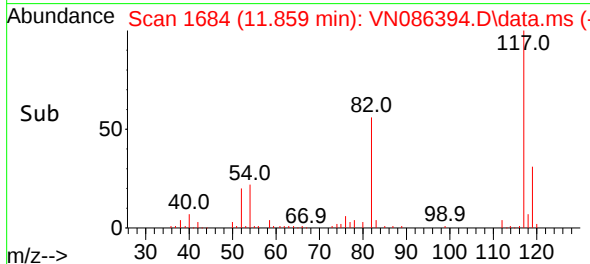
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion:117 Resp: 16249
Ion Ratio Lower Upper
117 100
82 55.9 45.5 68.3
119 31.4 25.9 38.9

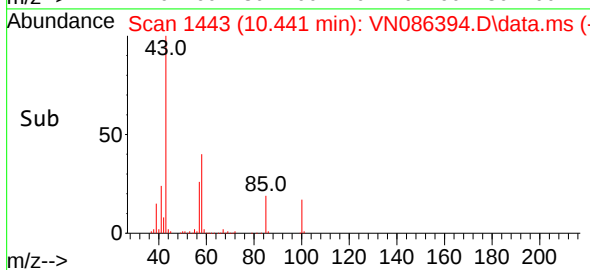
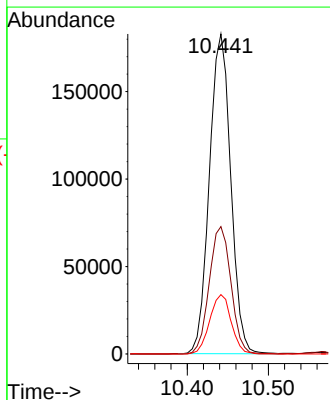
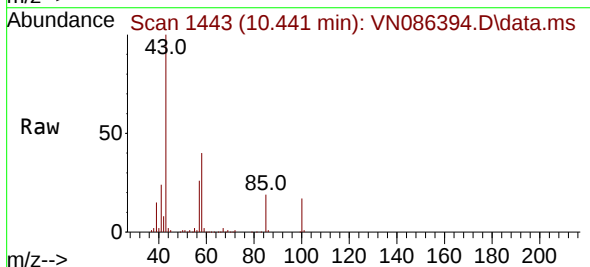
Manual Integrations
APPROVED

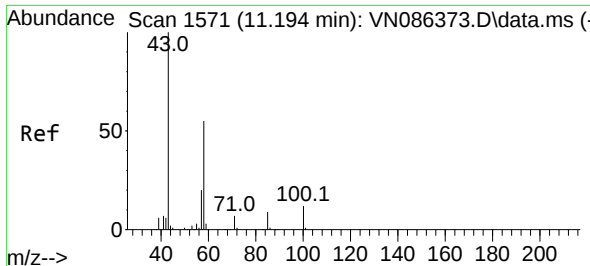
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#58
4-Methyl-2-Pentanone
Concen: 106.233 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

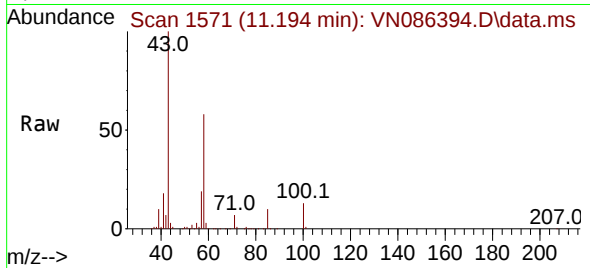
Tgt Ion: 43 Resp: 334041
Ion Ratio Lower Upper
43 100
58 40.5 33.0 49.6
85 18.6 14.9 22.3





#59
2-Hexanone
Concen: 104.879 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

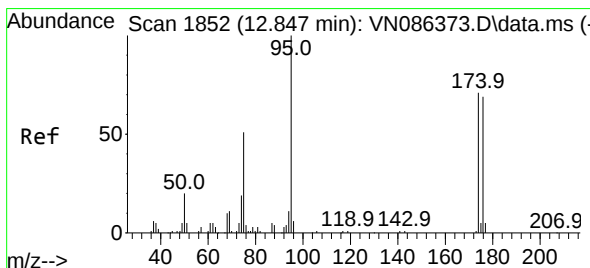
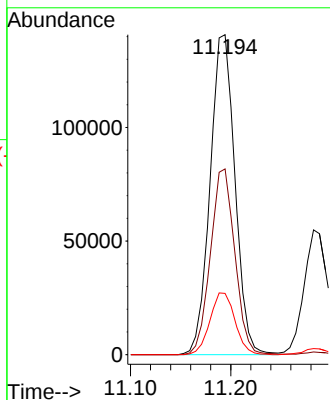
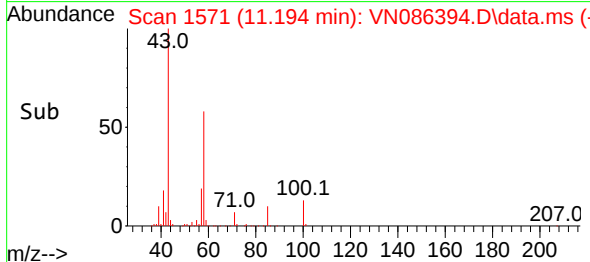
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



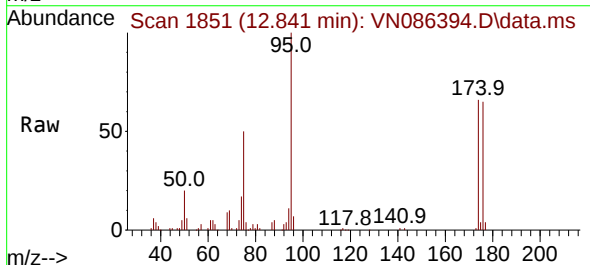
Tgt Ion: 43 Resp: 243028
Ion Ratio Lower Upper
43 100
58 56.9 45.0 67.6
57 19.5 15.5 23.3

Manual Integrations
APPROVED

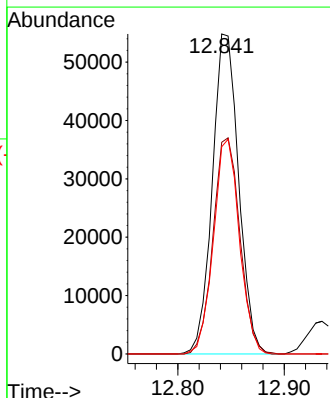
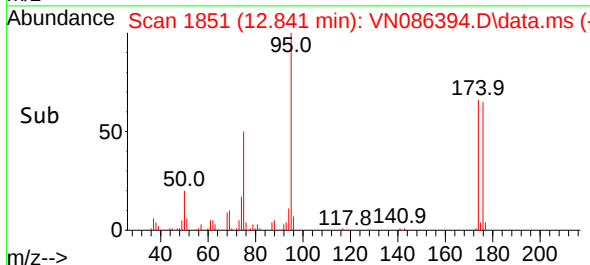
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

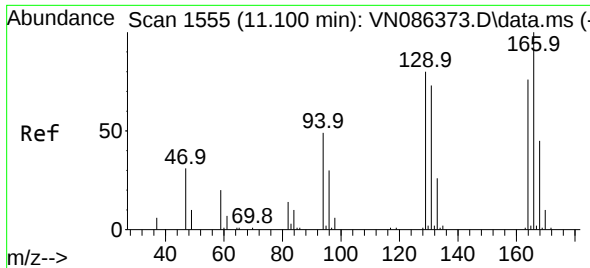


#60
4-Bromofluorobenzene
Concen: 29.437 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



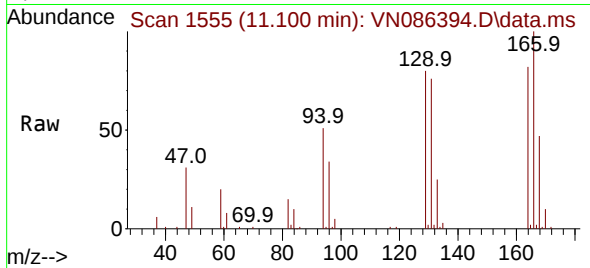
Tgt Ion: 95 Resp: 94012
Ion Ratio Lower Upper
95 100
174 69.0 56.6 84.8
176 66.1 53.3 79.9





#61
Tetrachloroethene
Concen: 19.157 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

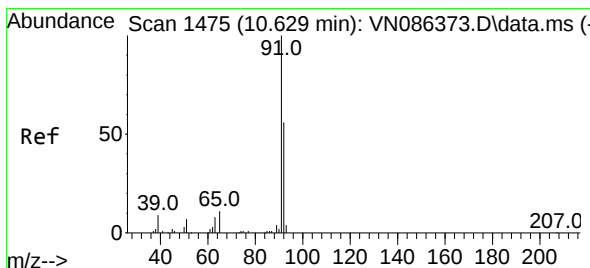
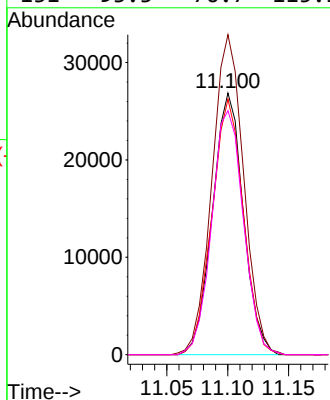
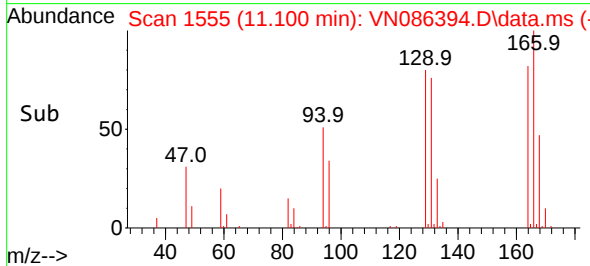
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



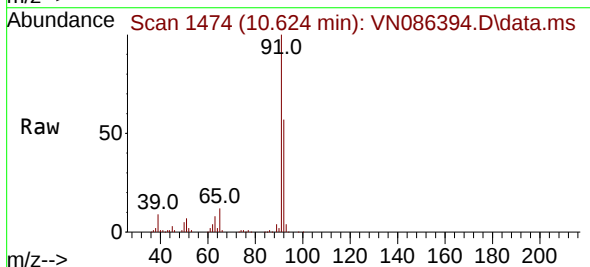
Tgt Ion:164 Resp: 47478
Ion Ratio Lower Upper
164 100
166 121.7 105.0 157.4
129 97.7 83.9 125.9
131 93.3 76.7 115.1

Manual Integrations
APPROVED

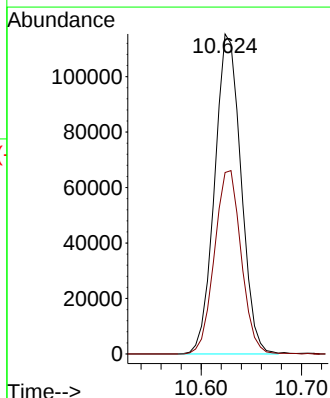
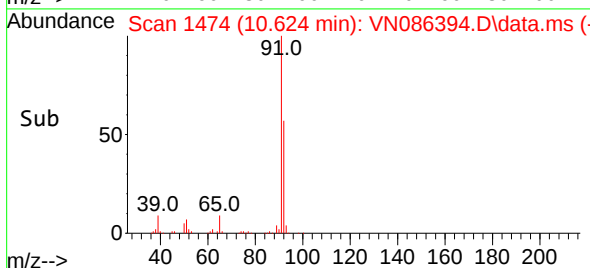
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

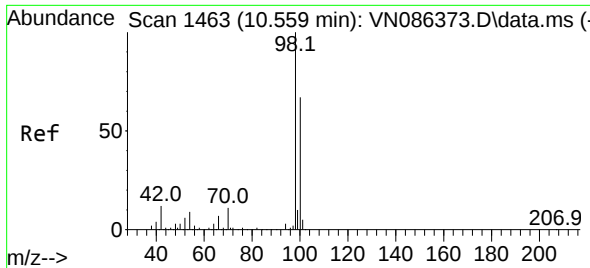


#62
Toluene
Concen: 19.358 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



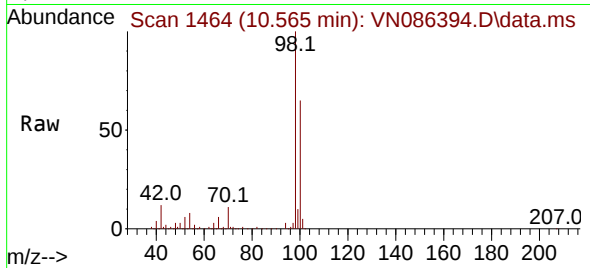
Tgt Ion: 91 Resp: 210546
Ion Ratio Lower Upper
91 100
92 58.1 45.7 68.5





#63
Toluene-d8
Concen: 30.107 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

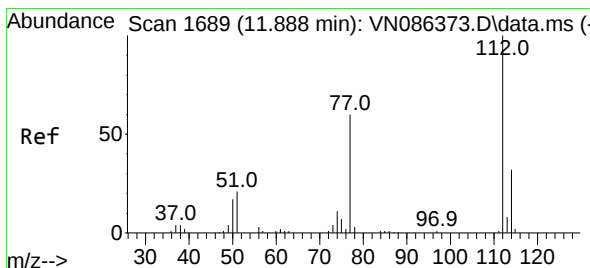
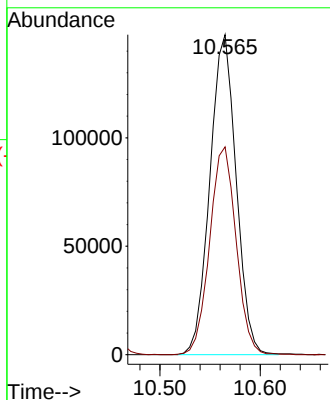
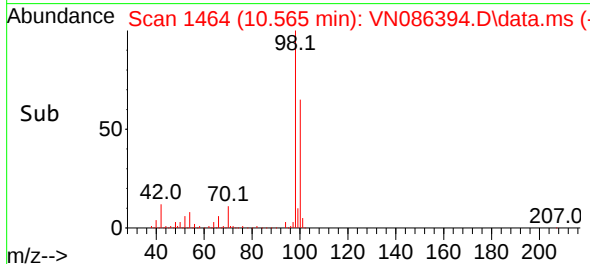
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 98 Resp: 26914
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

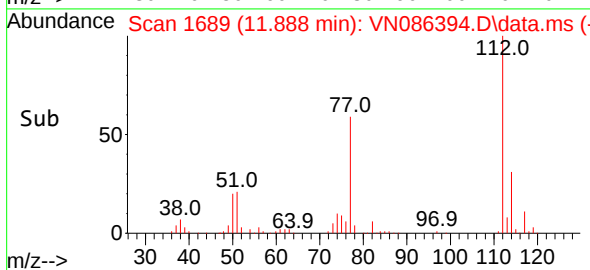
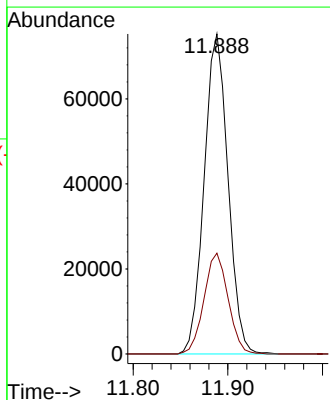
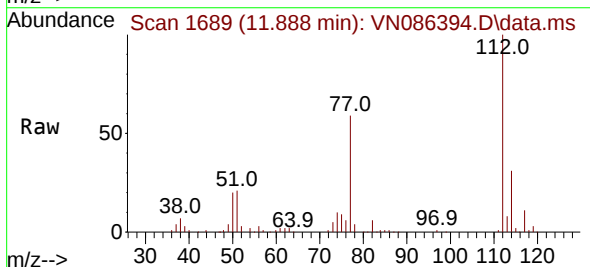
Manual Integrations
APPROVED

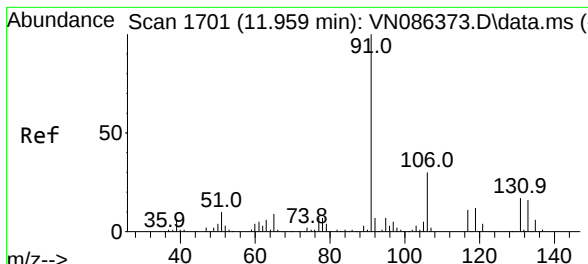
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Chlorobenzene
Concen: 19.405 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

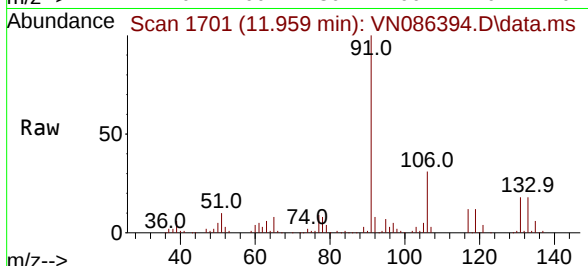
Tgt Ion:112 Resp: 131513
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.958 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

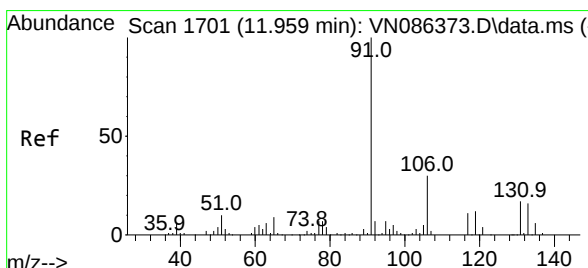
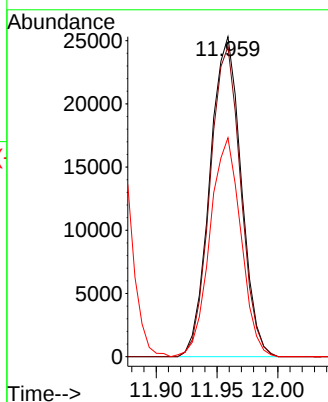
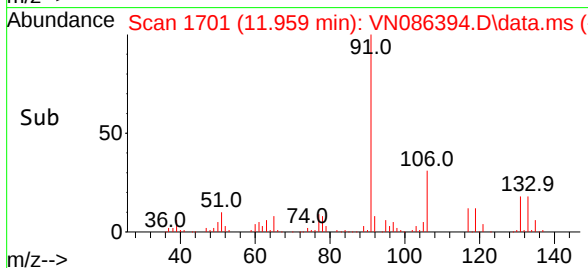
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion:131 Resp: 45225
Ion Ratio Lower Upper
131 100
133 95.0 0.0 191.4
119 67.6 0.0 133.6

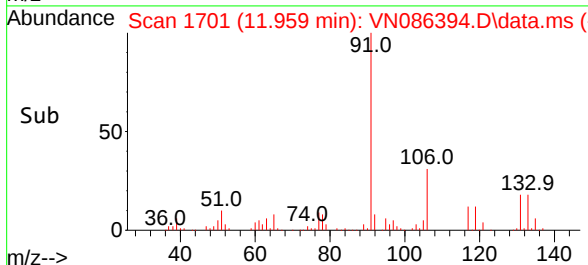
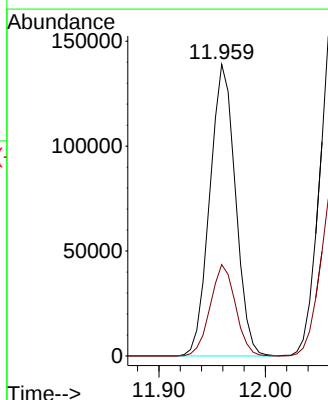
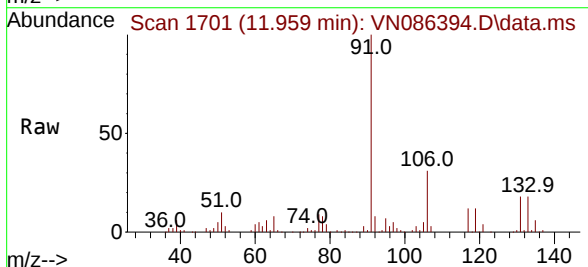
Manual Integrations
APPROVED

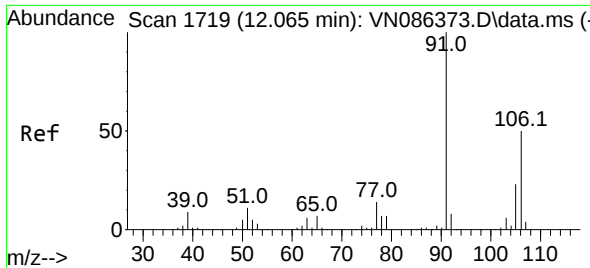
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#66
Ethyl Benzene
Concen: 18.994 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Tgt Ion: 91 Resp: 232535
Ion Ratio Lower Upper
91 100
106 31.4 24.3 36.5





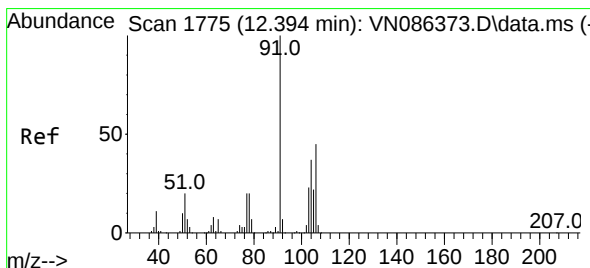
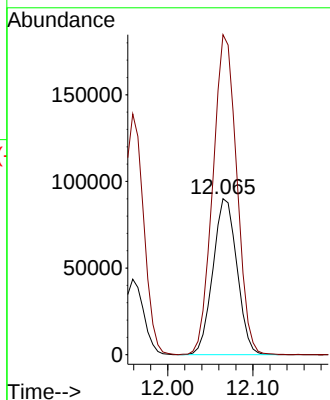
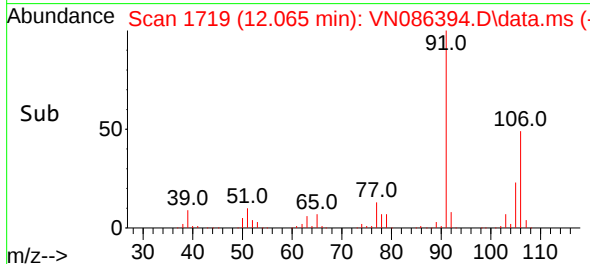
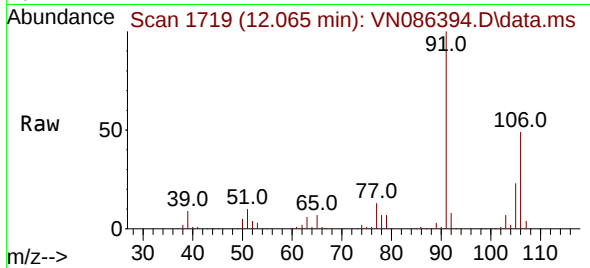
#67
m/p-Xylenes
Concen: 38.034 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion:106 Resp: 176674
Ion Ratio Lower Upper
106 100
91 204.1 162.6 243.8

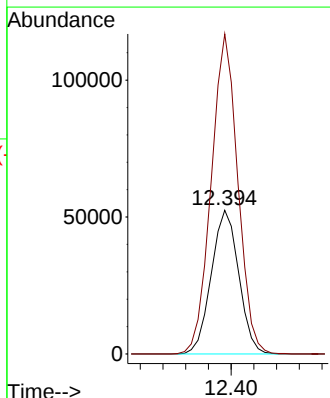
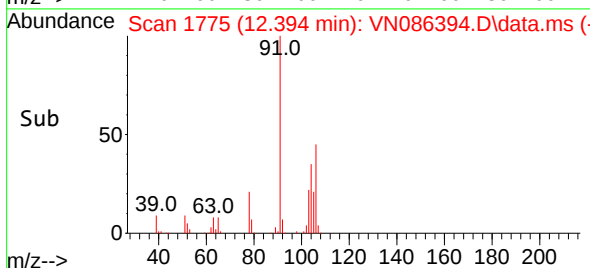
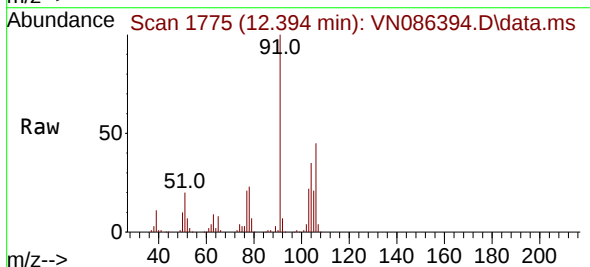
Manual Integrations
APPROVED

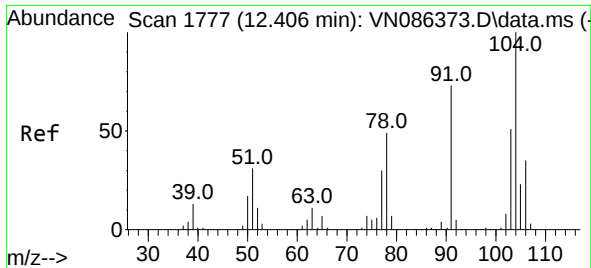
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#68
o-Xylene
Concen: 19.365 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Tgt Ion:106 Resp: 88078
Ion Ratio Lower Upper
106 100
91 215.8 110.6 331.6





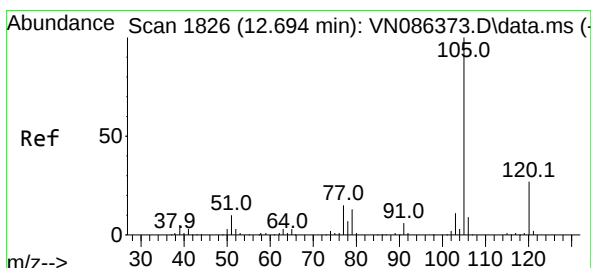
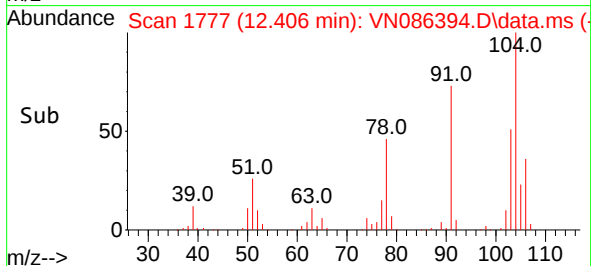
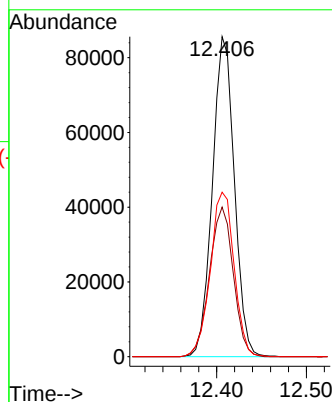
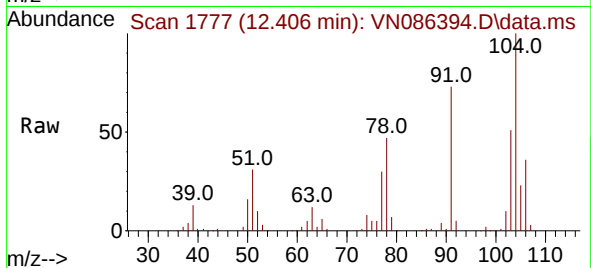
#69
Styrene
Concen: 18.896 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion:104 Resp: 145669
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.4
103 55.7 43.8 65.8

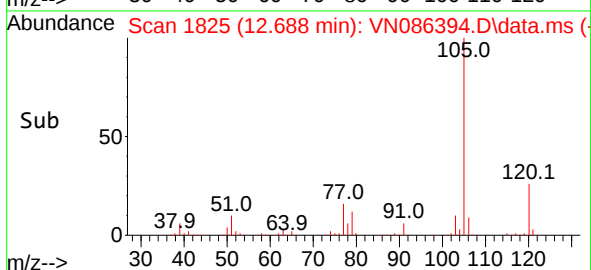
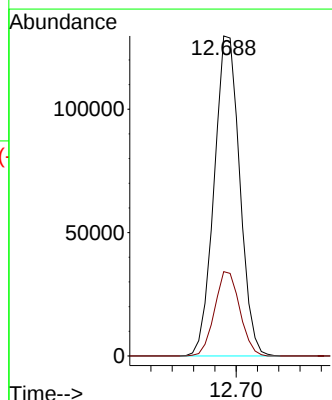
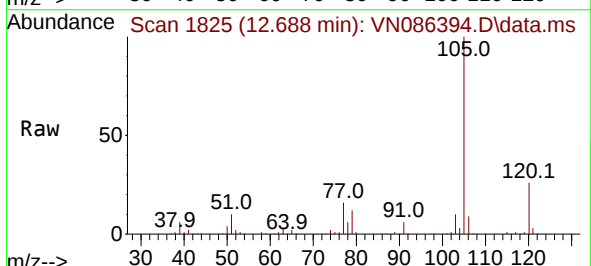
Manual Integrations
APPROVED

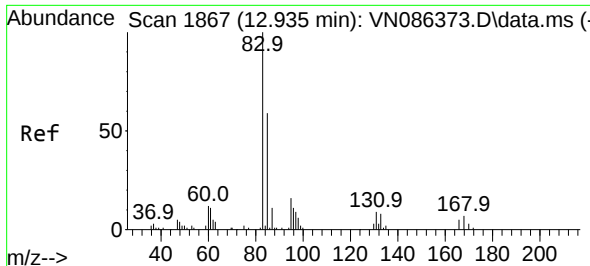
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#70
Isopropylbenzene
Concen: 19.026 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

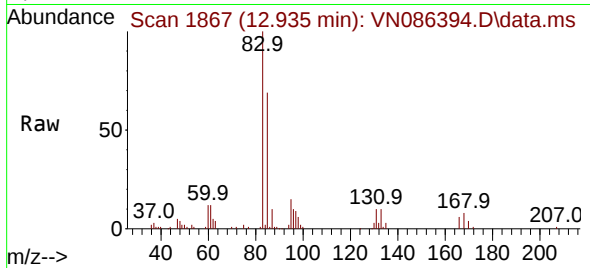
Tgt Ion:105 Resp: 216010
Ion Ratio Lower Upper
105 100
120 25.9 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 21.391 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

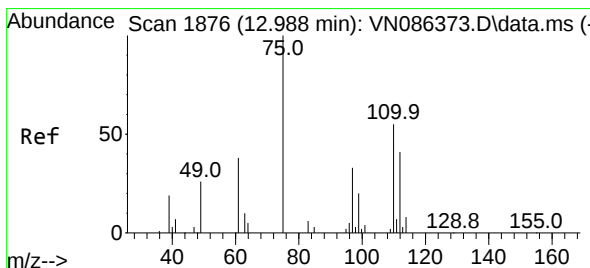
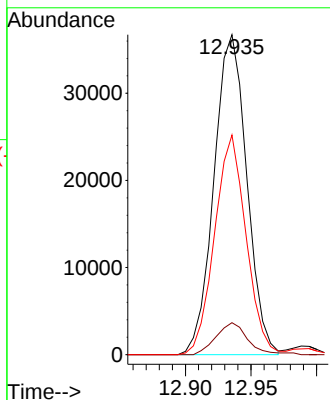
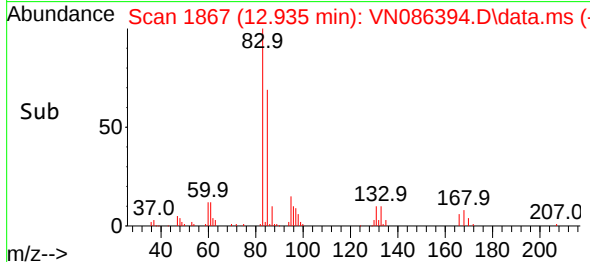
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 83 Resp: 63948
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.7
85 65.8 31.7 95.1

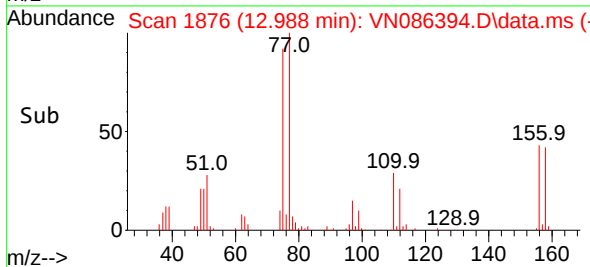
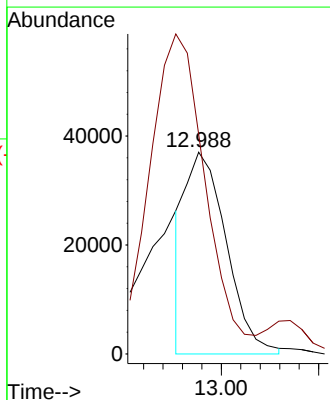
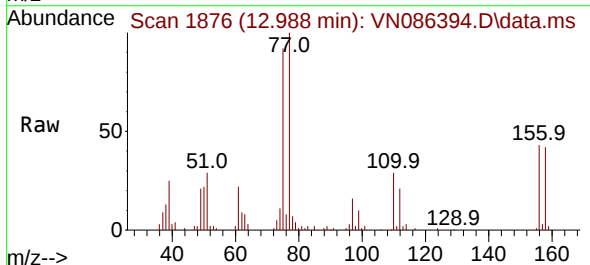
Manual Integrations
APPROVED

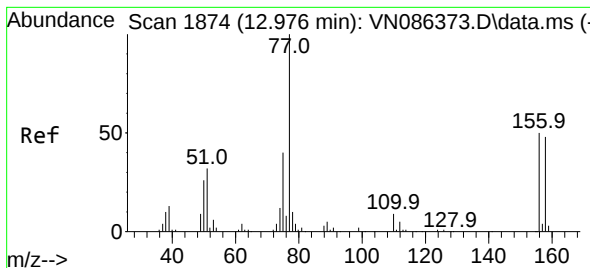
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#72
1,2,3-Trichloropropane
Concen: 20.782 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Tgt Ion: 75 Resp: 54165
Ion Ratio Lower Upper
75 100
77 218.4 0.0 464.4





#73

Bromobenzene

Concen: 19.495 ug/l

RT: 12.977 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086394.D

Acq: 24 Apr 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

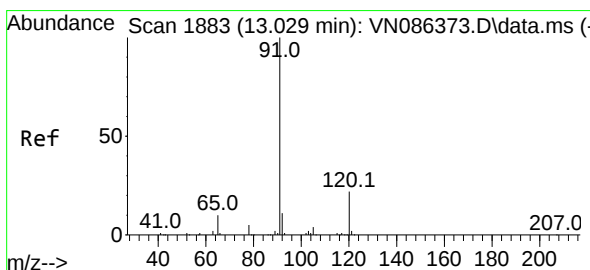
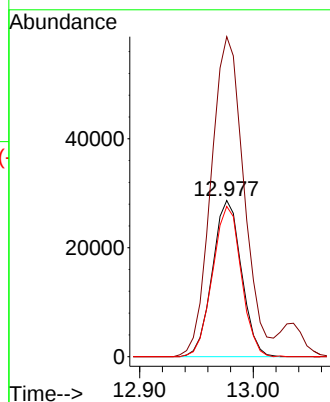
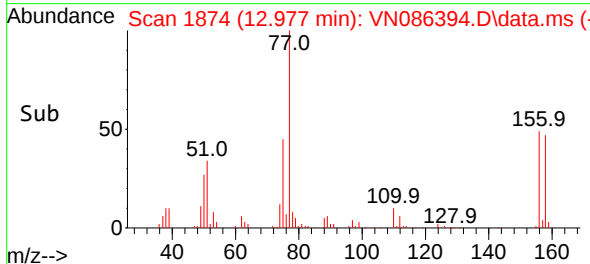
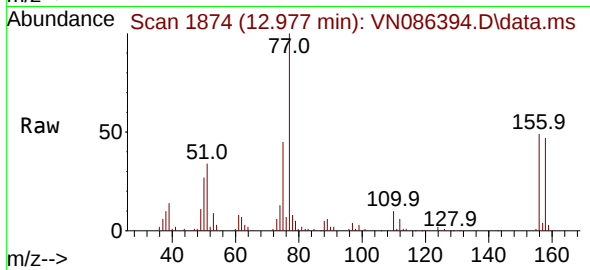
Tgt Ion:	156	Resp:	50880
Ion Ratio	Lower	Upper	
156	100		
77	232.5	0.0	463.4
158	95.0	0.0	191.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#74

n-propylbenzene

Concen: 18.805 ug/l

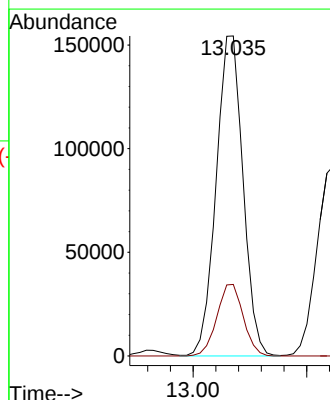
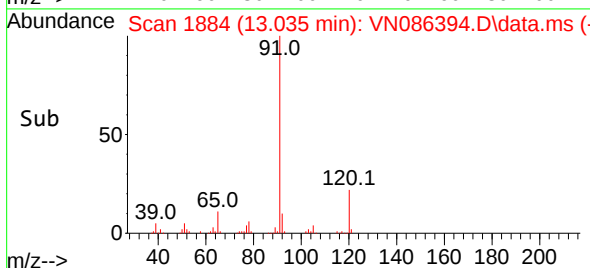
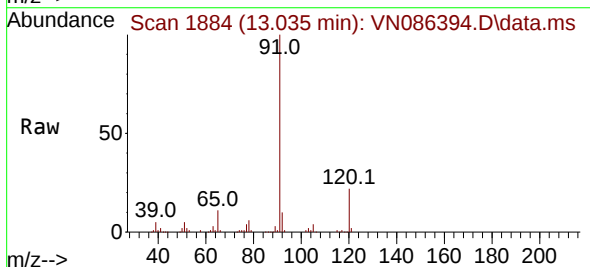
RT: 13.035 min Scan# 1884

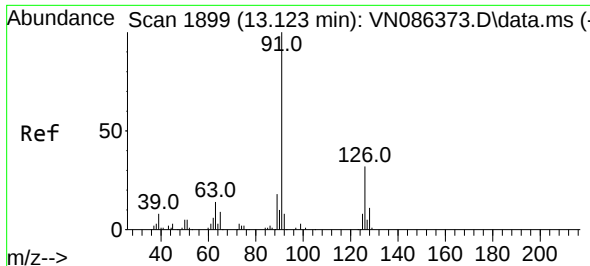
Delta R.T. 0.006 min

Lab File: VN086394.D

Acq: 24 Apr 2025 12:22

Tgt Ion:	91	Resp:	253712
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	43.8





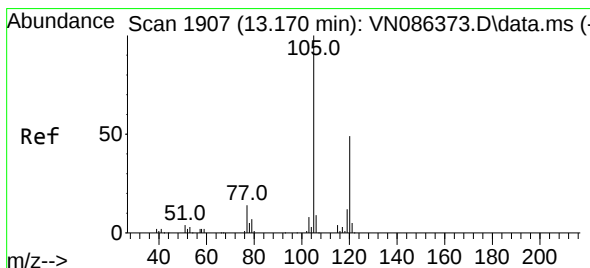
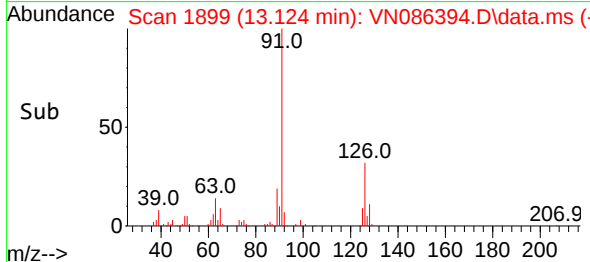
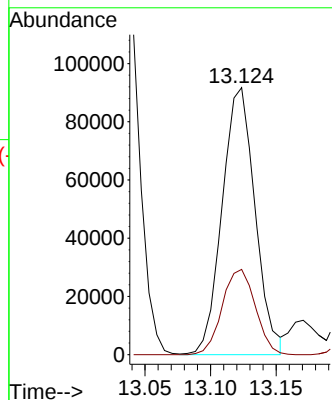
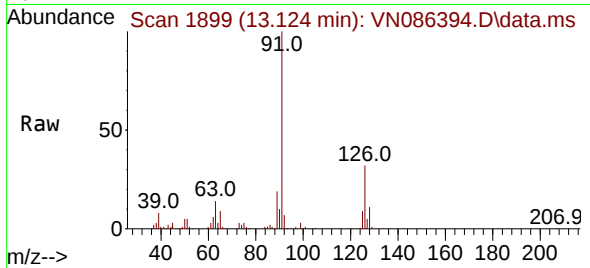
#75
2-Chlorotoluene
Concen: 19.048 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion: 91 Resp: 160425
Ion Ratio Lower Upper
91 100
126 32.0 0.0 65.0

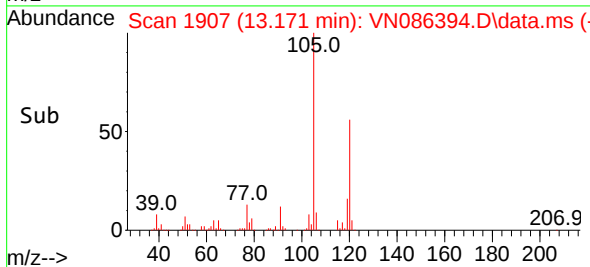
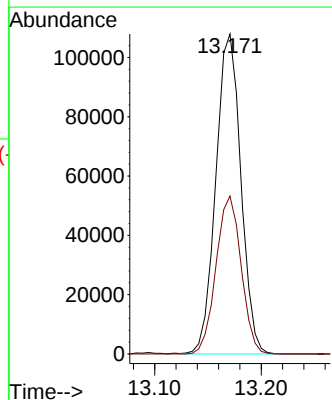
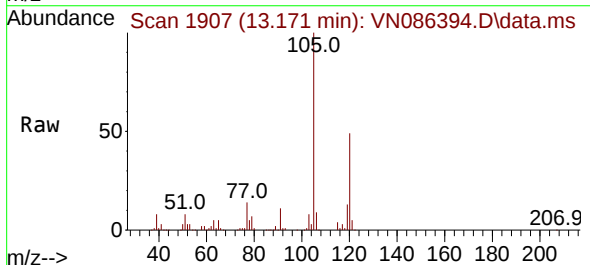
Manual Integrations
APPROVED

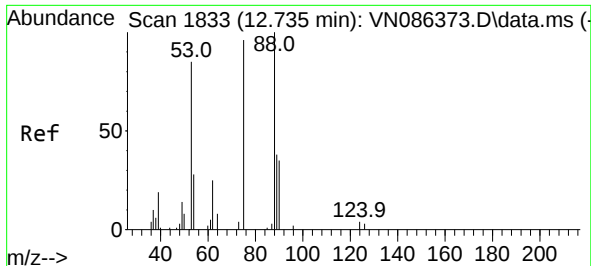
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.878 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Tgt Ion:105 Resp: 175865
Ion Ratio Lower Upper
105 100
120 49.5 0.0 97.6





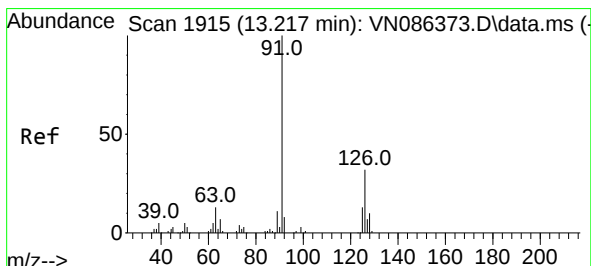
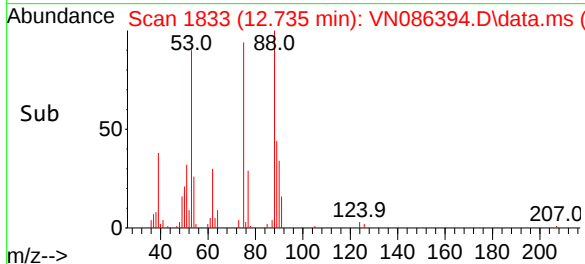
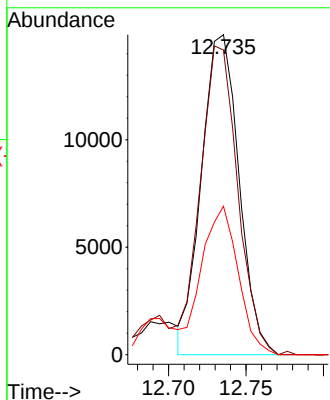
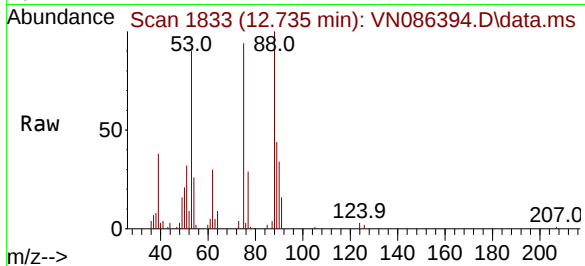
#77
t-1,4-Dichloro-2-butene
Concen: 18.969 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion: 75 Resp: 2509
Ion Ratio Lower Upper
75 100
53 95.2 46.0 138.0
89 46.4 21.6 64.6

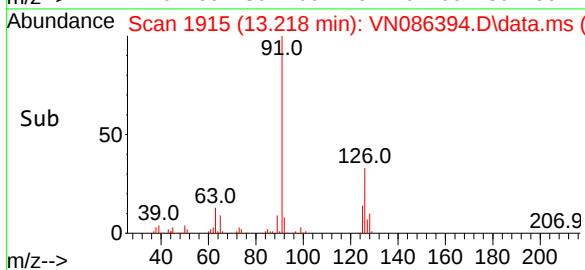
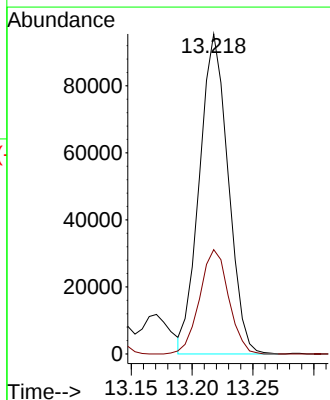
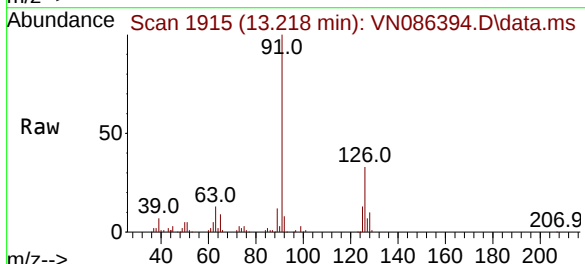
Manual Integrations
APPROVED

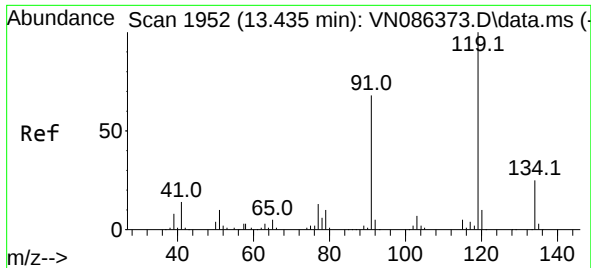
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#78
4-Chlorotoluene
Concen: 18.623 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

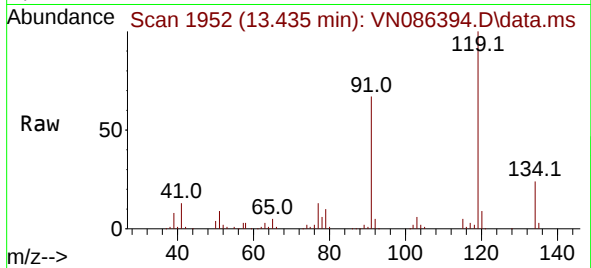
Tgt Ion: 91 Resp: 156822
Ion Ratio Lower Upper
91 100
126 32.9 0.0 65.4





#79
tert-butylbenzene
Concen: 19.084 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

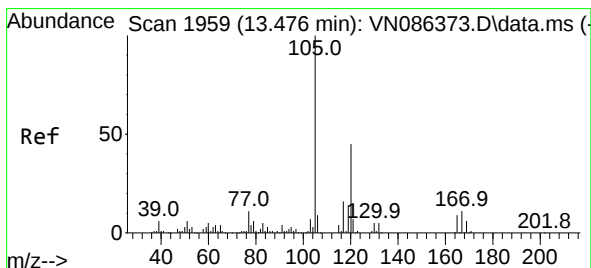
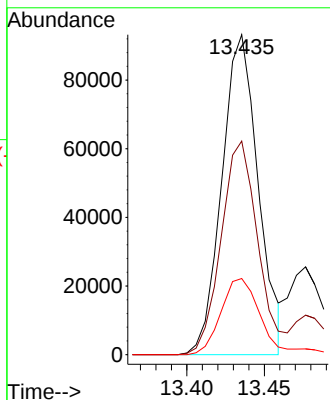
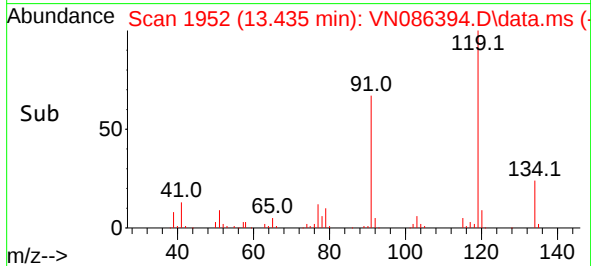
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



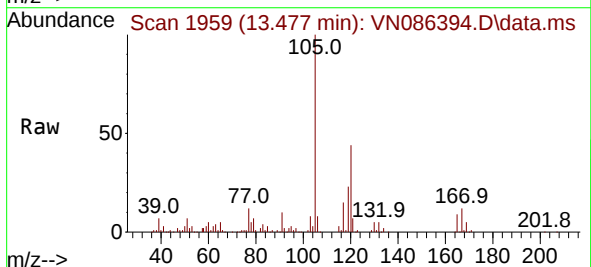
Tgt Ion:119 Resp: 15226
Ion Ratio Lower Upper
119 100
91 67.9 0.0 137.4
134 25.3 0.0 49.2

Manual Integrations
APPROVED

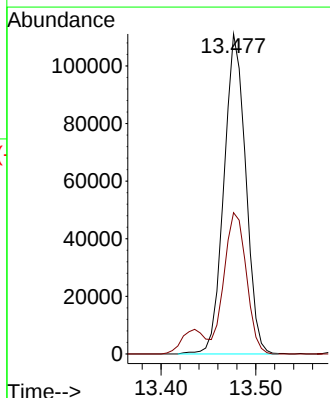
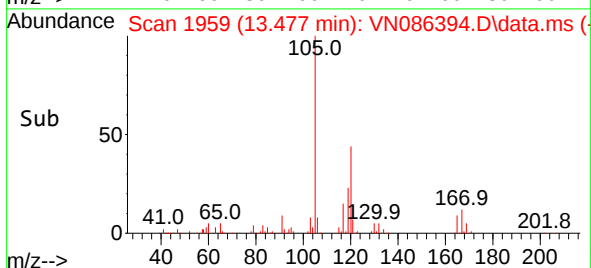
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

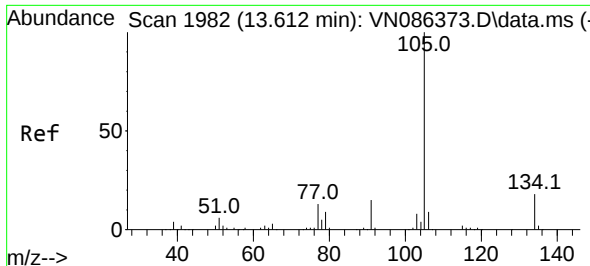


#80
1,2,4-Trimethylbenzene
Concen: 18.693 ug/l
RT: 13.477 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



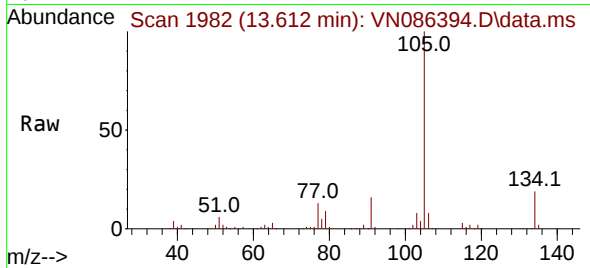
Tgt Ion:105 Resp: 177841
Ion Ratio Lower Upper
105 100
120 44.8 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 18.599 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086394.D
 Acq: 24 Apr 2025 12:22

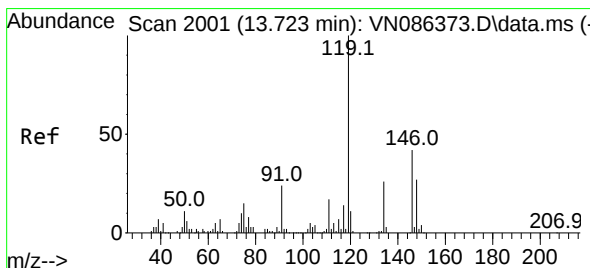
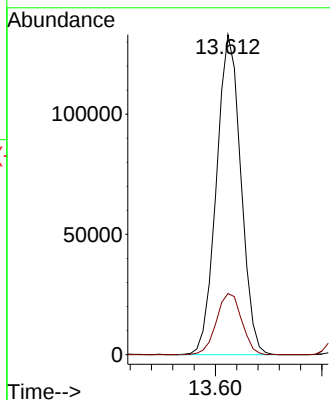
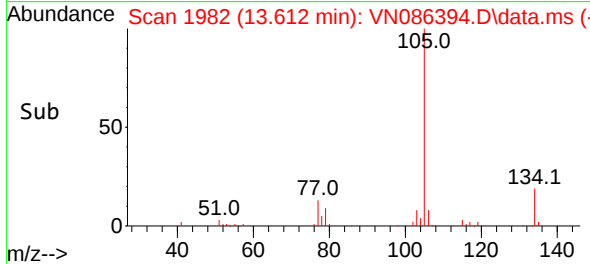
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBSD01



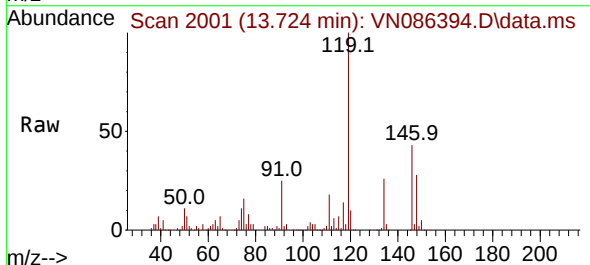
Tgt Ion:105 Resp: 21182
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.4

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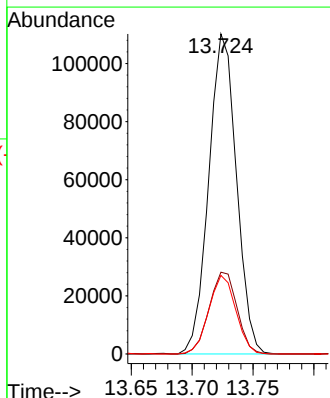
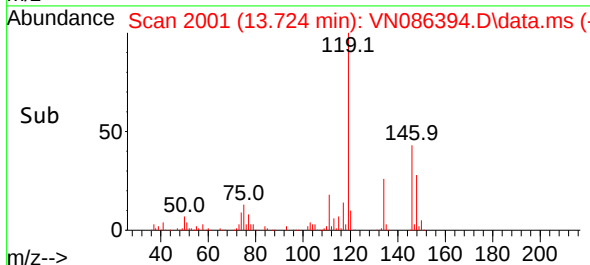
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025

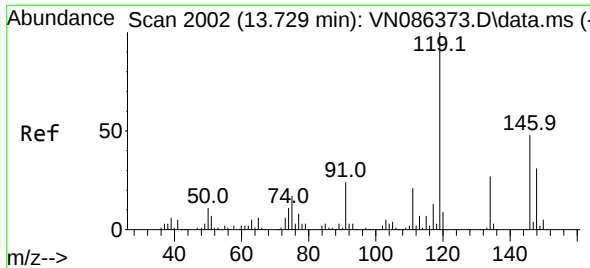


#82
 p-Isopropyltoluene
 Concen: 18.304 ug/l
 RT: 13.724 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086394.D
 Acq: 24 Apr 2025 12:22



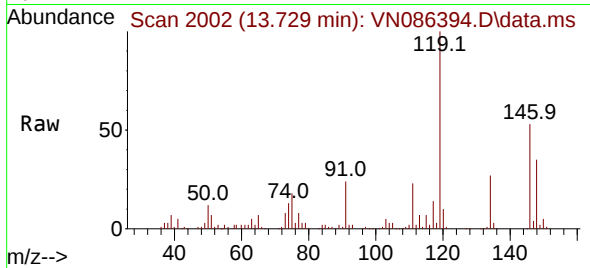
Tgt Ion:119 Resp: 174431
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 24.0 0.0 47.6





#83
1,3-Dichlorobenzene
Concen: 18.475 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

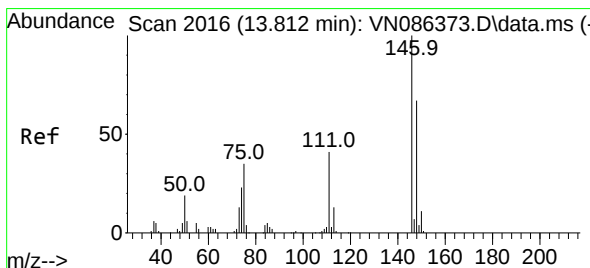
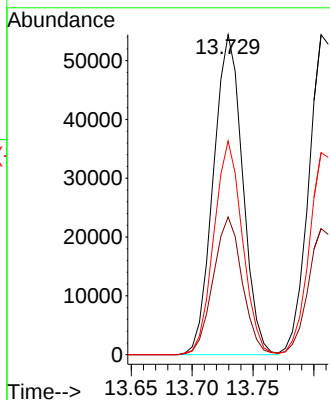
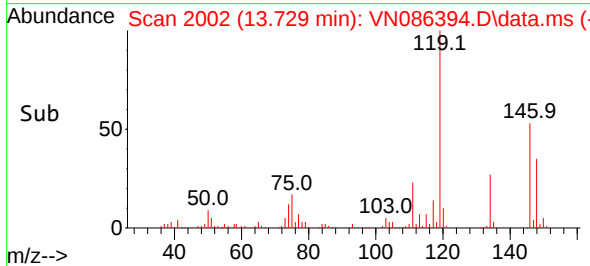
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



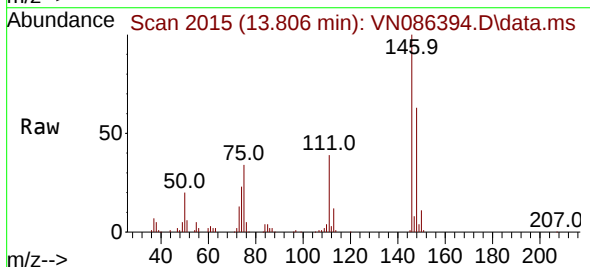
Tgt Ion:146 Resp: 91158
Ion Ratio Lower Upper
146 100
111 42.6 20.7 62.1
148 65.1 32.3 96.8

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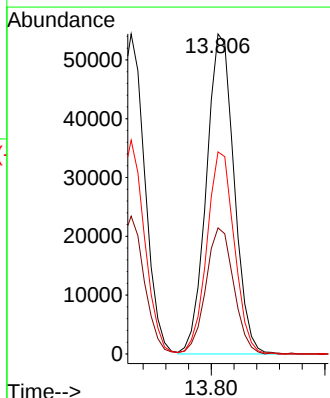
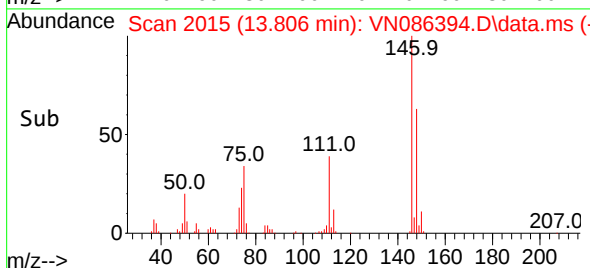
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

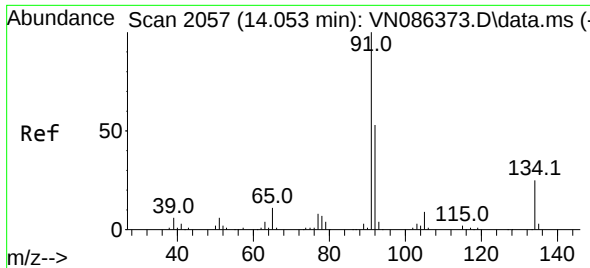


#84
1,4-Dichlorobenzene
Concen: 18.916 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



Tgt Ion:146 Resp: 92214
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.8
148 62.6 32.4 97.2





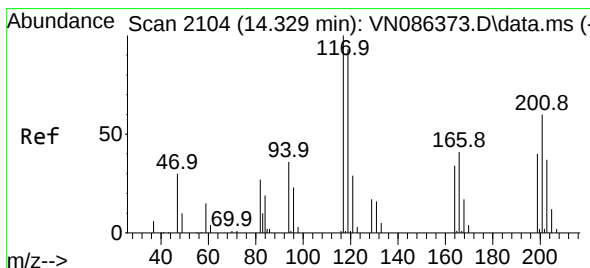
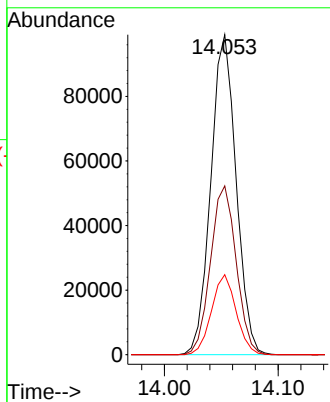
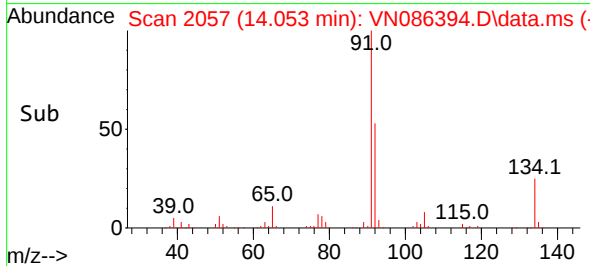
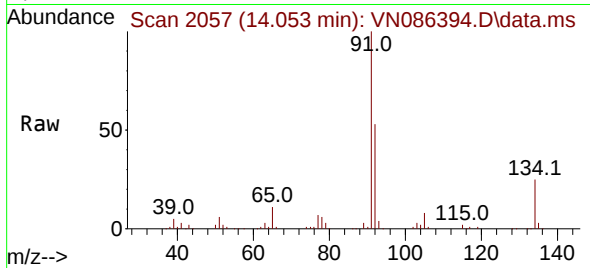
#85
n-Butylbenzene
Concen: 18.032 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion: 91 Resp: 15333
Ion Ratio Lower Upper
91 100
92 53.6 0.0 107.2
134 24.4 0.0 48.2

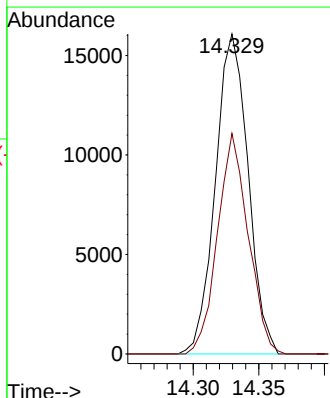
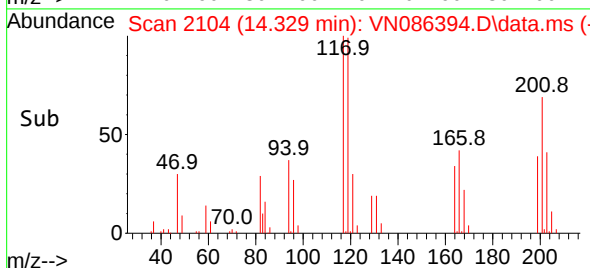
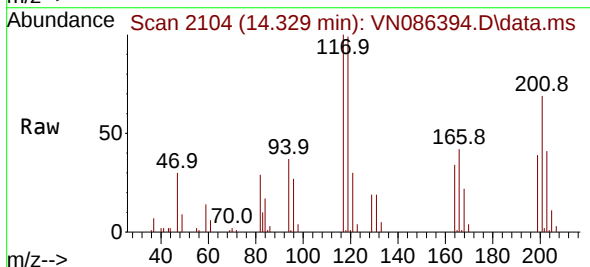
Manual Integrations
APPROVED

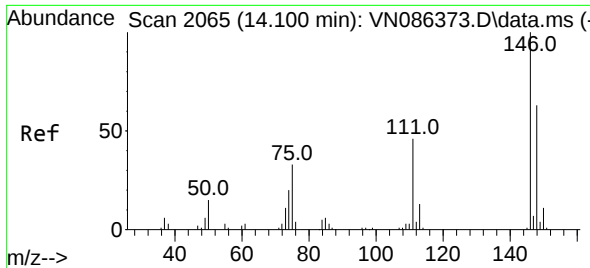
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#86
Hexachloroethane
Concen: 17.892 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

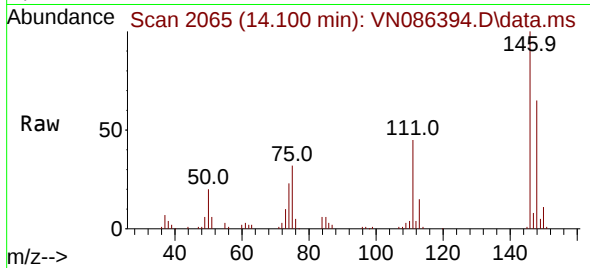
Tgt Ion:117 Resp: 27881
Ion Ratio Lower Upper
117 100
201 64.6 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 19.296 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

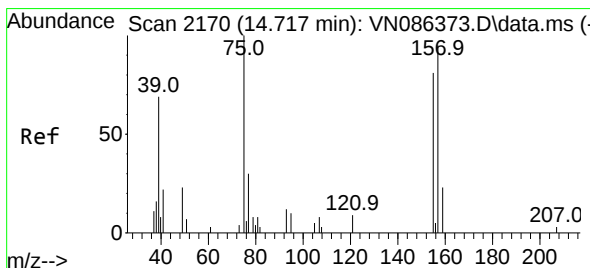
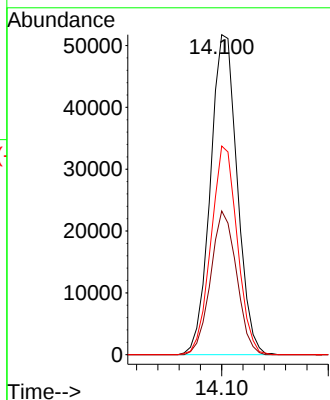
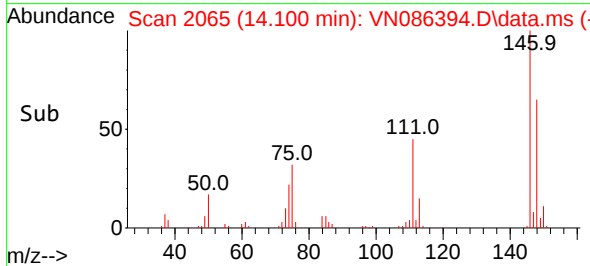
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



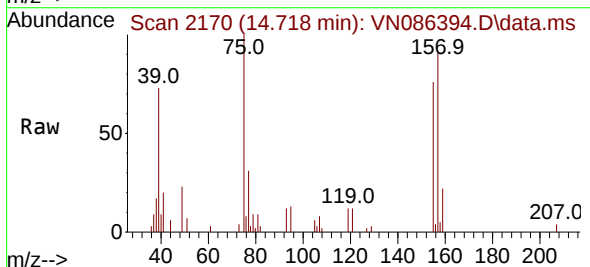
Tgt Ion:146 Resp: 90594
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 63.9 32.0 96.0

Manual Integrations
APPROVED

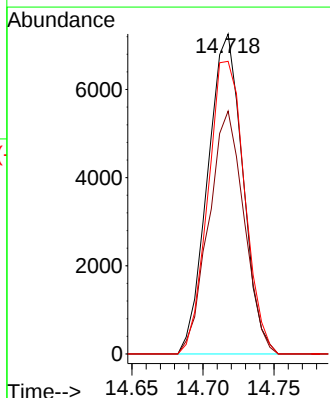
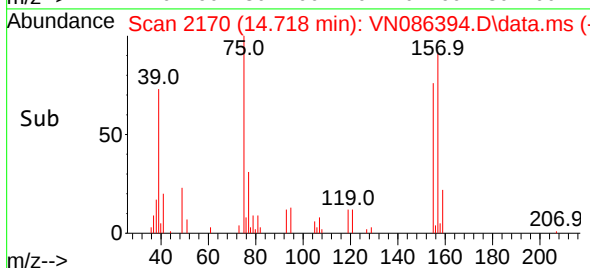
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

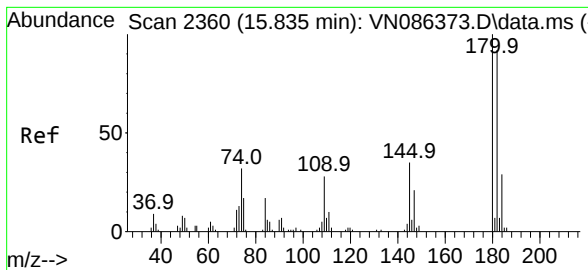


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.537 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



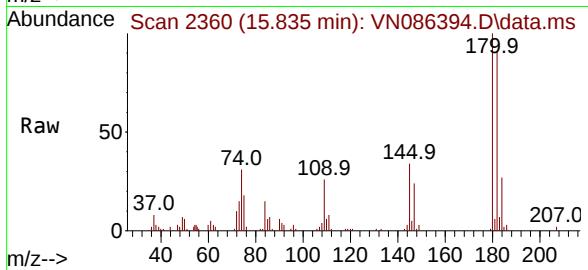
Tgt Ion: 75 Resp: 12479
Ion Ratio Lower Upper
75 100
155 76.4 64.0 96.0
157 95.1 78.2 117.4





#89
1,2,4-Trichlorobenzene
Concen: 18.866 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

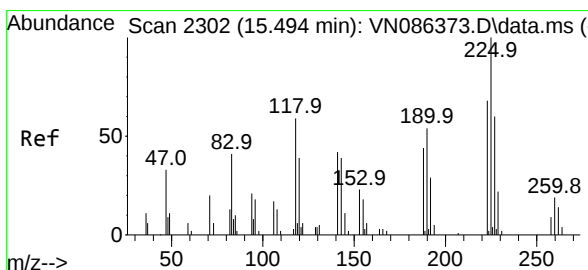
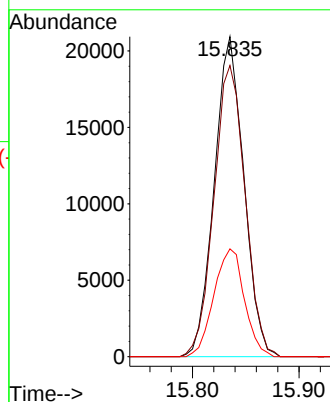
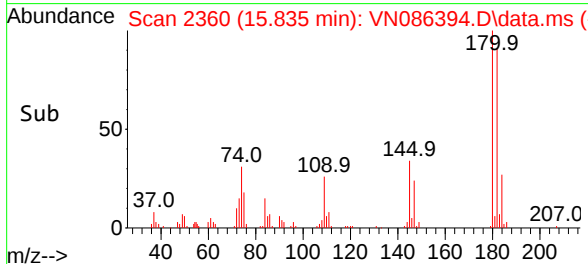
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



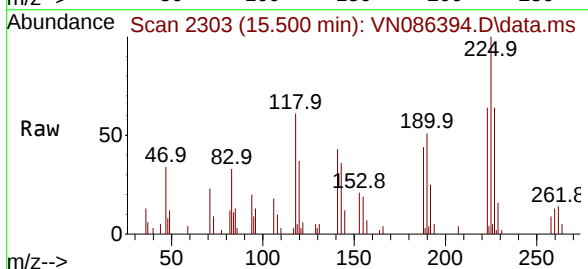
Tgt Ion:180 Resp: 40370
Ion Ratio Lower Upper
180 100
182 95.8 74.8 112.2
145 34.8 26.9 40.3

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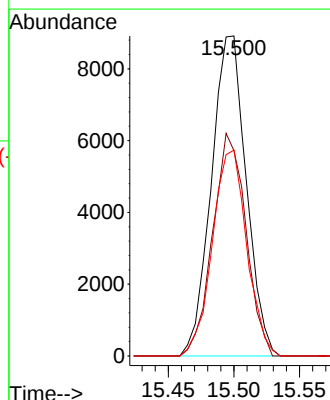
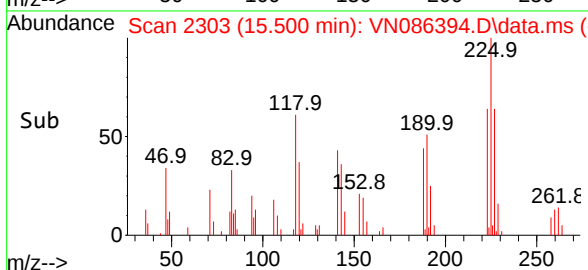
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

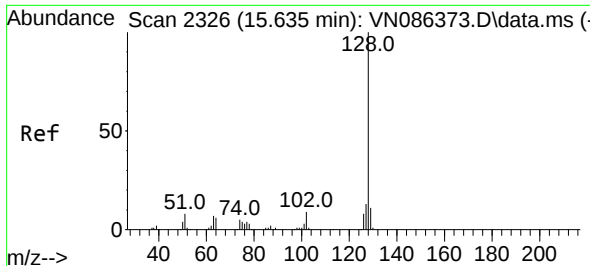


#90
Hexachlorobutadiene
Concen: 19.126 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



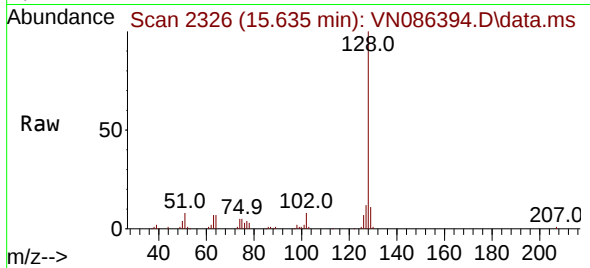
Tgt Ion:225 Resp: 16485
Ion Ratio Lower Upper
225 100
223 66.1 0.0 128.8
227 63.5 0.0 120.2





#91
Naphthalene
Concen: 19.600 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22

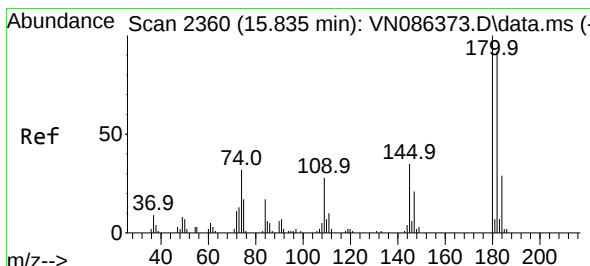
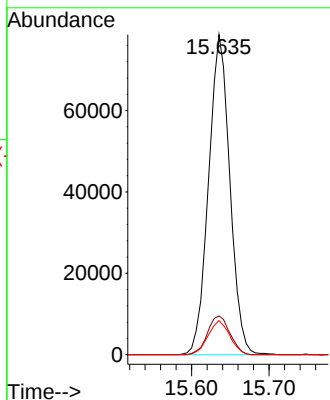
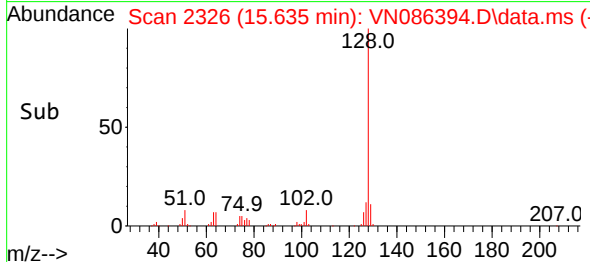
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



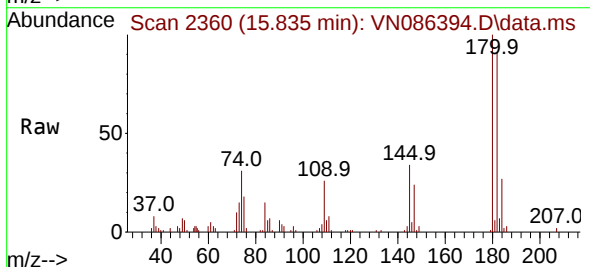
Tgt Ion:128 Resp: 150152
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.866 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086394.D
Acq: 24 Apr 2025 12:22



Tgt Ion:180 Resp: 40370
Ion Ratio Lower Upper
180 100
182 95.8 0.0 187.0
145 34.8 0.0 67.2

