

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042425\
 Data File : VN086393.D
 Acq On : 24 Apr 2025 11:46
 Operator : JC\MD
 Sample : VN0424WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 01:38:30 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	30716	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	187066	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	169214	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	90627	30.603	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.000%			
60) 4-Bromofluorobenzene	12.847	95	98790	29.704	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.000%			
63) Toluene-d8	10.565	98	282216	30.316	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.067%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41983	19.798	ug/l	98
3) Chloromethane	2.359	50	56336	18.702	ug/l	97
4) Vinyl Chloride	2.518	62	55871	19.366	ug/l	98
5) Bromomethane	2.965	94	29049	19.286	ug/l	96
6) Chloroethane	3.124	64	37815	19.661	ug/l	95
7) Trichlorofluoromethane	3.501	101	66336	19.479	ug/l	99
8) Diethyl Ether	3.953	74	27774	19.321	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	41765	19.949	ug/l	97
10) 1,1-Dichloroethene	4.342	96	41813	19.513	ug/l	97
11) Methyl Iodide	4.589	142	47890	19.101	ug/l	96
12) Methyl Acetate	5.018	43	61625	20.290	ug/l	96
13) Acrolein	4.177	56	11204	66.412	ug/l	96
14) Acrylonitrile	5.712	53	114298	101.112	ug/l	98
15) Acetone	4.424	58	32212	103.413	ug/l	98
16) Carbon Disulfide	4.712	76	106670	18.891	ug/l	100
17) Allyl chloride	5.024	41	66232	19.330	ug/l	96
18) Methylene Chloride	5.277	84	48521	19.883	ug/l	95
19) trans-1,2-Dichloroethene	5.789	96	44116	19.315	ug/l	97
20) Diisopropyl ether	6.665	45	160213	19.666	ug/l	97
21) 1,1-Dichloroethane	6.565	63	87256	19.567	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	56115	19.649	ug/l	98
23) tert-Butyl Alcohol	5.512	59	46588	106.389	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	157378	19.878	ug/l	100
25) Chloroform	7.965	83	89591	19.851	ug/l	100
26) Cyclohexane	8.253	56	74201	18.845	ug/l #	100
29) 1,1-Dichloropropene	8.365	75	62346	18.905	ug/l	99
30) 2-Butanone	7.477	43	159446	99.612	ug/l	100
31) 2,2-Dichloropropane	7.489	77	81909	19.321	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	75539	19.168	ug/l	99
33) Carbon Tetrachloride	8.359	117	61566	18.978	ug/l	97
34) Benzene	8.600	78	202777	19.332	ug/l	97
35) Methacrylonitrile	7.777	41	34453	18.869	ug/l	93
36) 1,2-Dichloroethane	8.665	62	67069	19.694	ug/l	99
37) Trichloroethene	9.347	130	49498	18.850	ug/l	95
38) Methylcyclohexane	9.594	83	70900	18.615	ug/l	97
39) 1,2-Dichloropropane	9.618	63	49666	19.167	ug/l	98
40) Dibromomethane	9.706	93	33767	19.486	ug/l	98
41) Bromodichloromethane	9.883	83	70933	19.343	ug/l	99
42) Vinyl Acetate	6.600	43	541188	97.602	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	62559	19.749	ug/l	99
44) Isopropyl Acetate	8.683	43	116989	19.459	ug/l	99
45) 1,4-Dioxane	9.688	88	19852	423.219	ug/l	98
46) Methyl methacrylate	9.677	41	52246	18.840	ug/l	98
47) n-amyl Acetate	12.488	43	93724	18.291	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	78168	19.066	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	82896	19.173	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	47593	19.662	ug/l	97
51) Ethyl methacrylate	10.871	69	80815	19.171	ug/l	99
52) 1,3-Dichloropropane	11.159	76	83250	19.460	ug/l	99
53) Dibromochloromethane	11.353	129	52262	19.229	ug/l	100
54) 1,2-Dibromoethane	11.465	107	47225	19.189	ug/l	99
55) 2-Chloroethyl vinyl ether	10.153	63	119218	60.151	ug/l	100
56) Bromoform	12.576	173	33645	19.076	ug/l	96
58) 4-Methyl-2-Pentanone	10.441	43	328424	100.296	ug/l	99
59) 2-Hexanone	11.194	43	241768	100.190	ug/l	100
61) Tetrachloroethene	11.100	164	49539	19.195	ug/l	96
62) Toluene	10.630	91	222975	19.686	ug/l	100
64) Chlorobenzene	11.888	112	135782	19.239	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	46507	19.708	ug/l	99
66) Ethyl Benzene	11.959	91	244984	19.216	ug/l	99
67) m/p-Xylenes	12.065	106	184808	38.204	ug/l	99
68) o-Xylene	12.394	106	92067	19.438	ug/l	97
69) Styrene	12.406	104	151483	18.869	ug/l	99
70) Isopropylbenzene	12.688	105	228650	19.339	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	64537	20.730	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	53299m	19.637	ug/l	
73) Bromobenzene	12.976	156	52092	19.164	ug/l	98
74) n-propylbenzene	13.029	91	270460	19.250	ug/l	100
75) 2-Chlorotoluene	13.123	91	168848	19.252	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	185652	19.137	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	25883	18.791	ug/l	95
78) 4-Chlorotoluene	13.218	91	167685	19.121	ug/l	99
79) tert-butylbenzene	13.435	119	160864	19.361	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	187103	18.885	ug/l	98
81) sec-Butylbenzene	13.612	105	229662	19.365	ug/l	100
82) p-Isopropyltoluene	13.723	119	189462	19.091	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	98479	19.166	ug/l	98
84) 1,4-Dichlorobenzene	13.806	146	95957	18.901	ug/l	99
85) n-Butylbenzene	14.053	91	166813	18.838	ug/l	99
86) Hexachloroethane	14.329	117	30320	18.684	ug/l	97
87) 1,2-Dichlorobenzene	14.100	146	94819	19.394	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11912	18.825	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	42750	19.185	ug/l	99
90) Hexachlorobutadiene	15.494	225	17956	20.005	ug/l	98
91) Naphthalene	15.635	128	146416	18.353	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	42750	19.185	ug/l	99

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

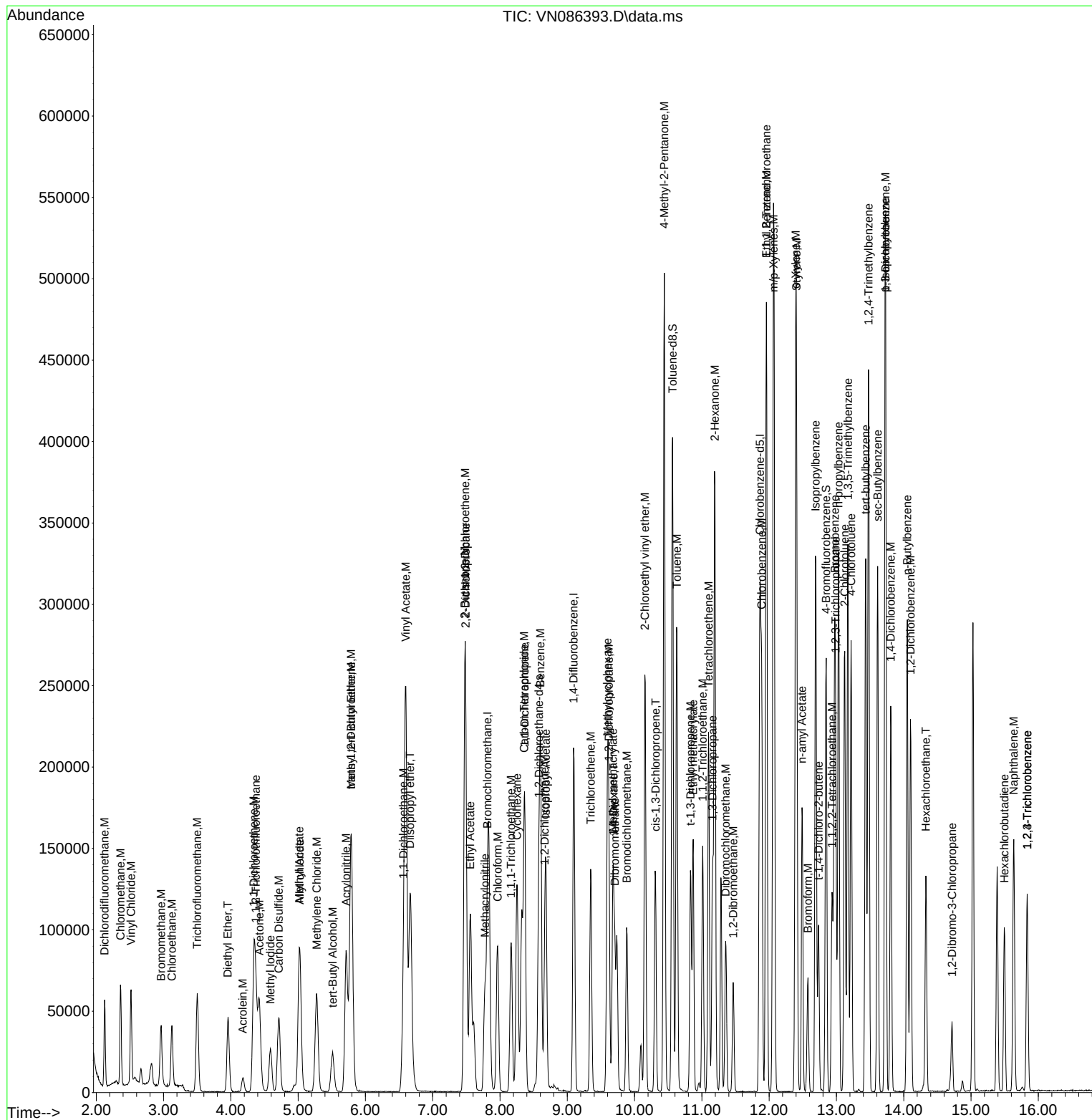
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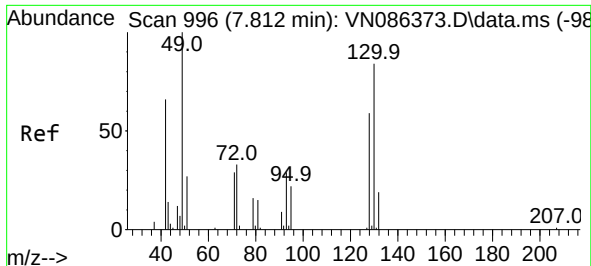
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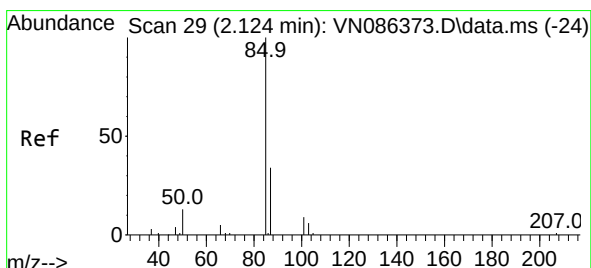
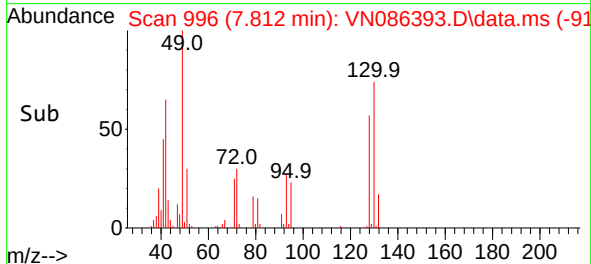
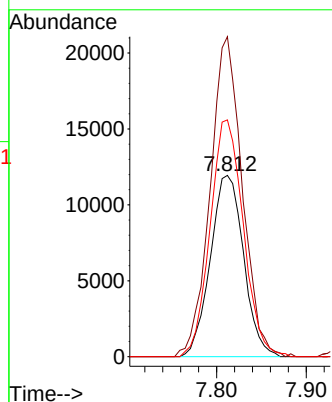
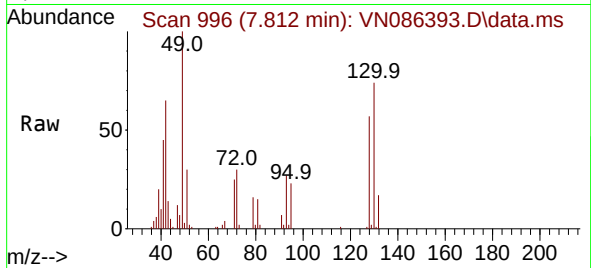
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01

Tgt Ion:128 Resp: 30710
Ion Ratio Lower Upper
128 100
49 170.0 0.0 433.8
130 130.6 0.0 325.0

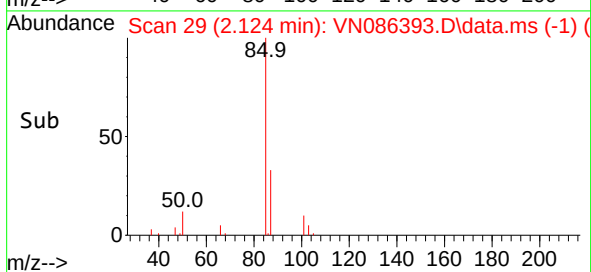
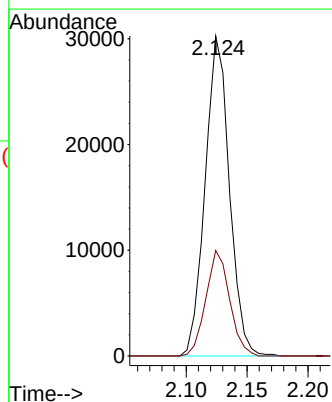
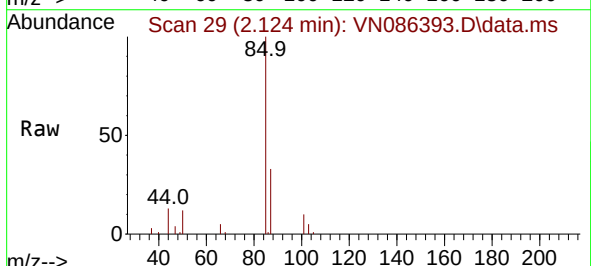
Manual Integrations
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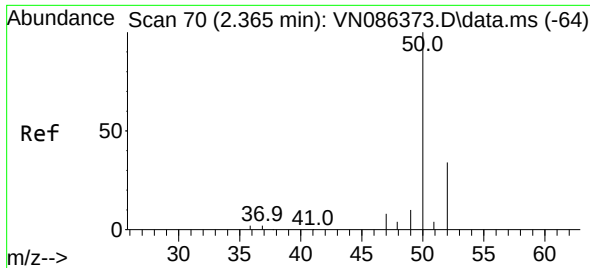
Reviewed By :John Carlone 04/25/2025
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#2
Dichlorodifluoromethane
Concen: 19.798 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Tgt Ion: 85 Resp: 41983
Ion Ratio Lower Upper
85 100
87 33.0 17.0 50.9





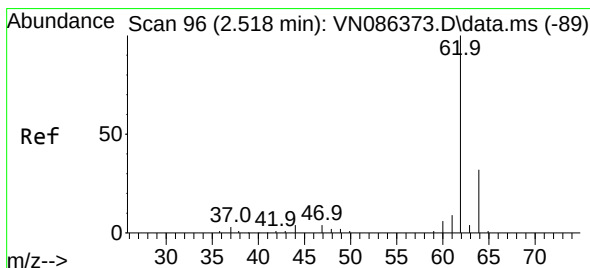
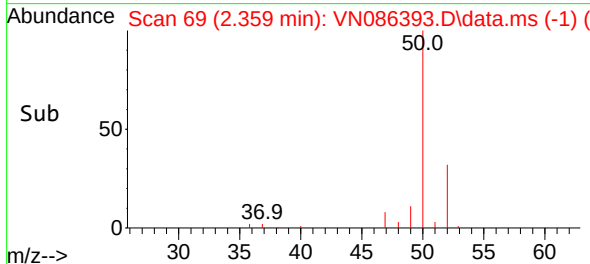
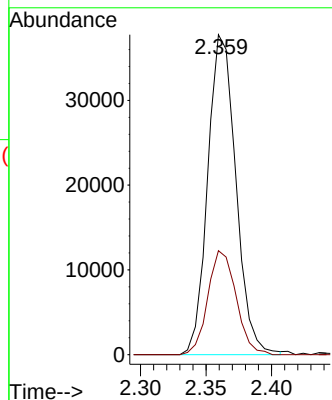
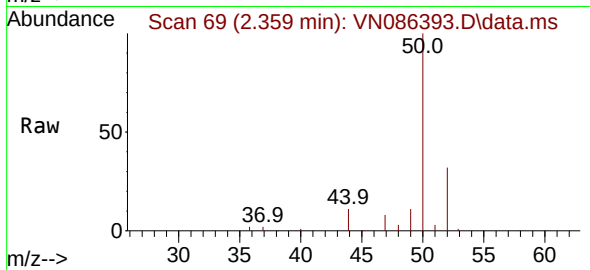
#3
Chloromethane
Concen: 18.702 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
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Tgt Ion: 50 Resp: 56330
Ion Ratio Lower Upper
50 100
52 32.5 27.3 40.9

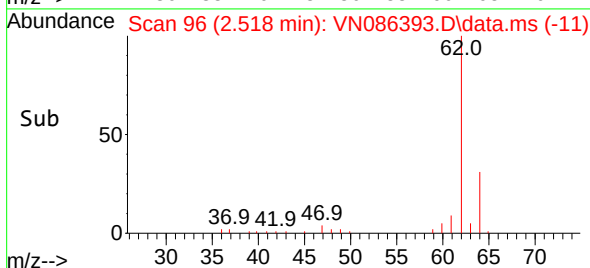
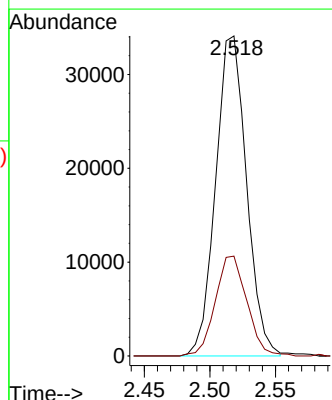
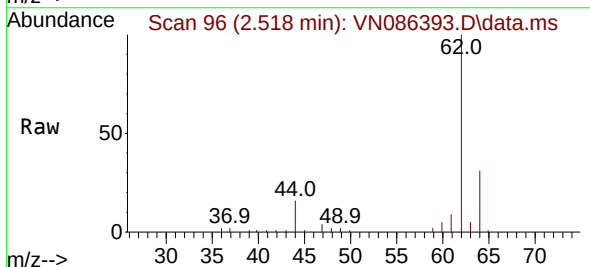
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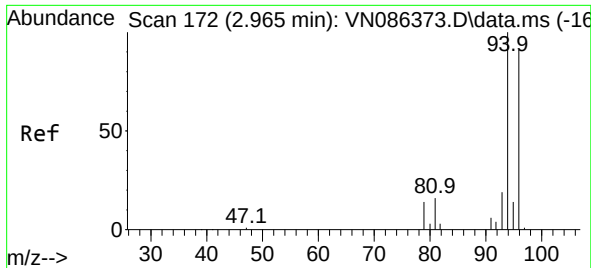
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#4
Vinyl Chloride
Concen: 19.366 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086393.D
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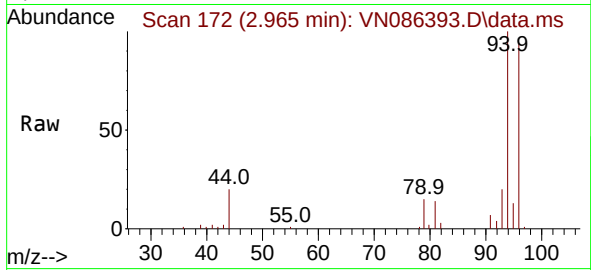
Tgt Ion: 62 Resp: 55871
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.8





#5
Bromomethane
Concen: 19.286 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

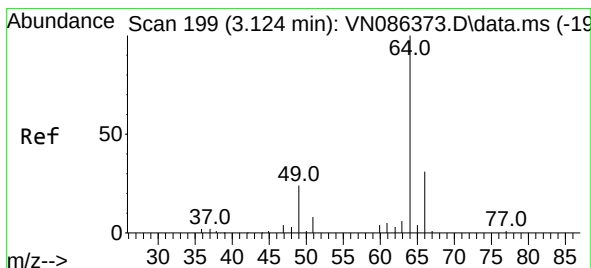
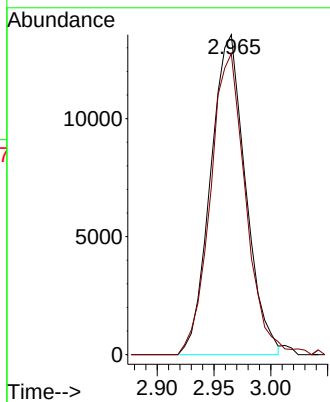
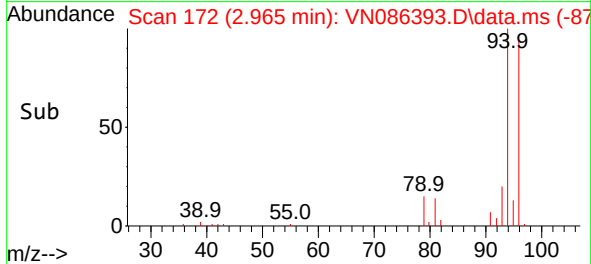
Instrument :
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Tgt Ion: 94 Resp: 29049
Ion Ratio Lower Upper
94 100
96 94.1 72.4 108.6

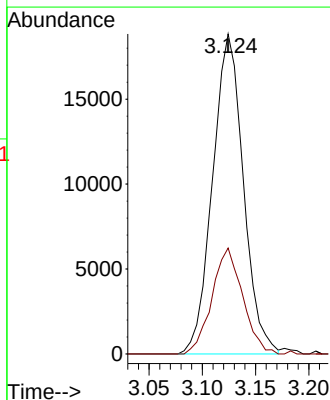
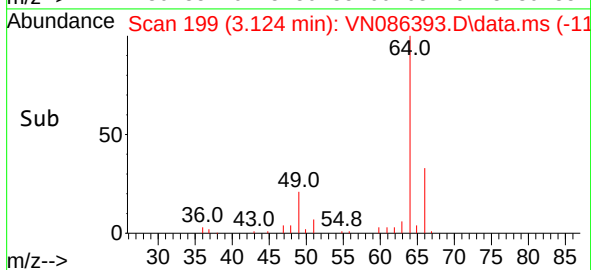
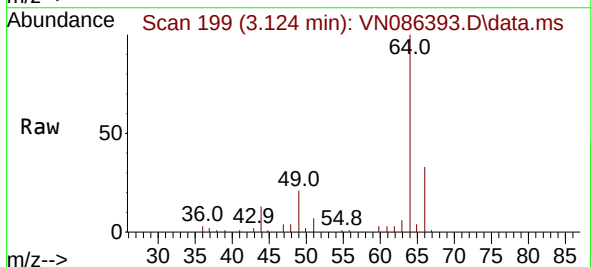
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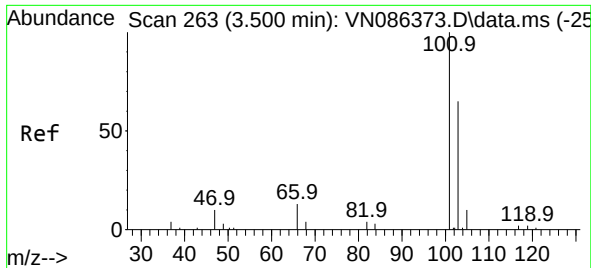
Reviewed By :John Carlone 04/25/2025
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#6
Chloroethane
Concen: 19.661 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086393.D
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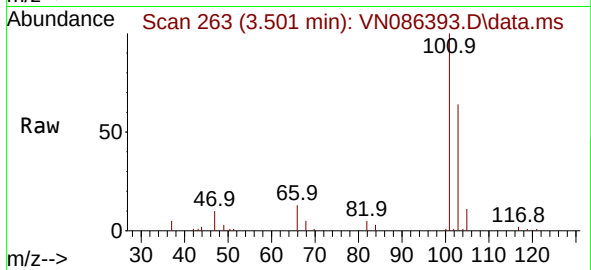
Tgt Ion: 64 Resp: 37815
Ion Ratio Lower Upper
64 100
66 33.1 24.5 36.7





#7
Trichlorofluoromethane
Concen: 19.479 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
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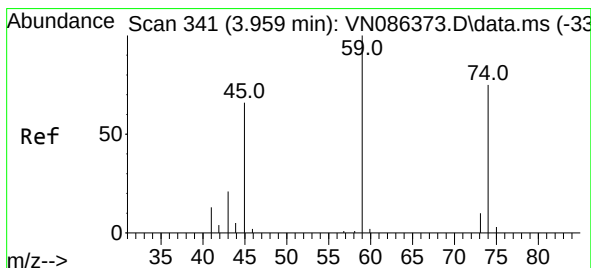
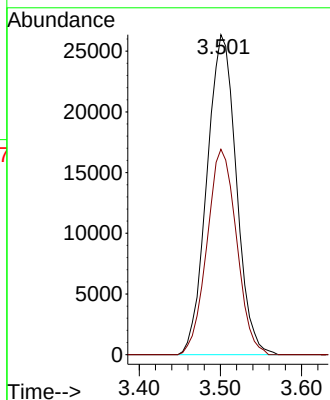
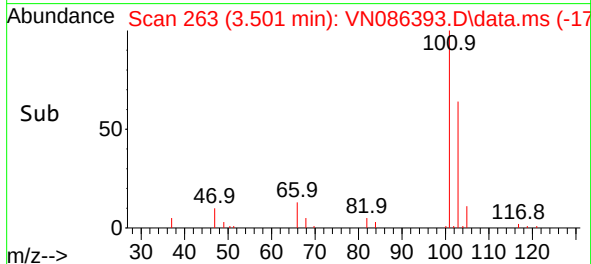
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Tgt Ion:101 Resp: 66330
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.6

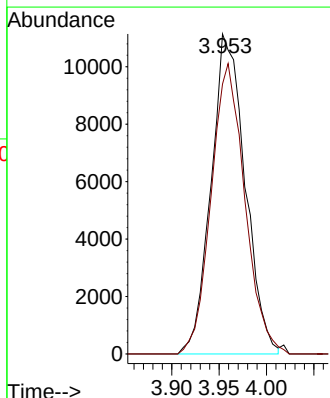
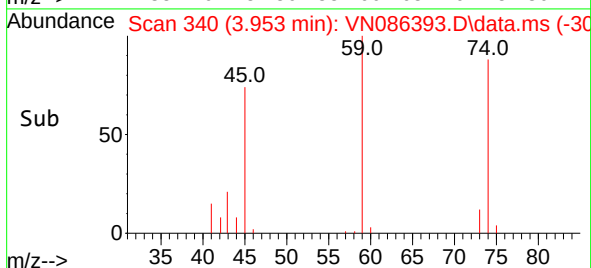
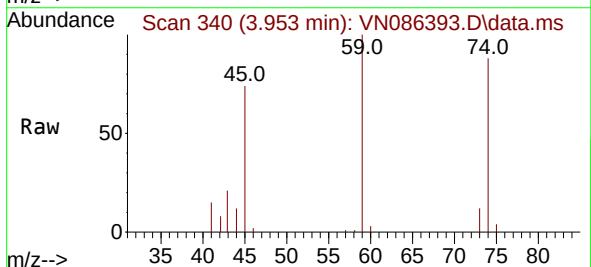
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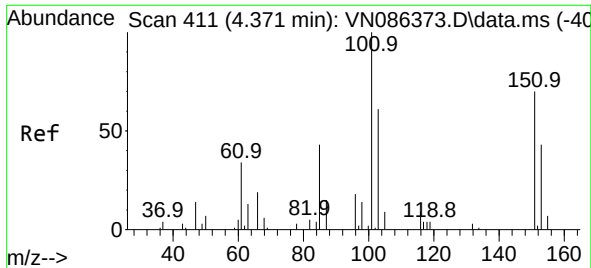
Reviewed By :John Carlone 04/25/2025
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#8
Diethyl Ether
Concen: 19.321 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN086393.D
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Tgt Ion: 74 Resp: 27774
Ion Ratio Lower Upper
74 100
45 89.9 18.5 166.3





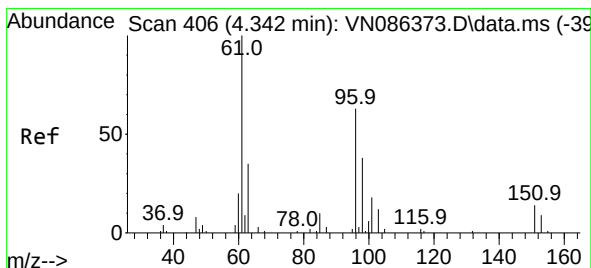
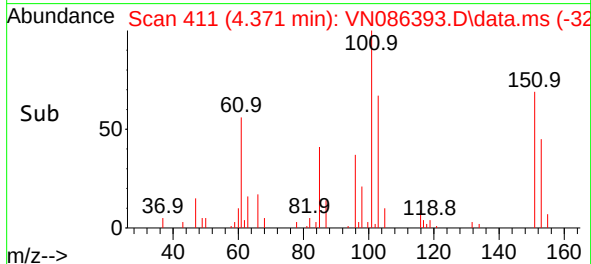
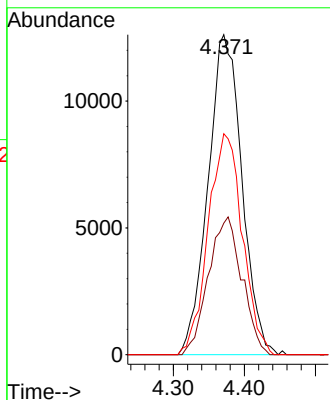
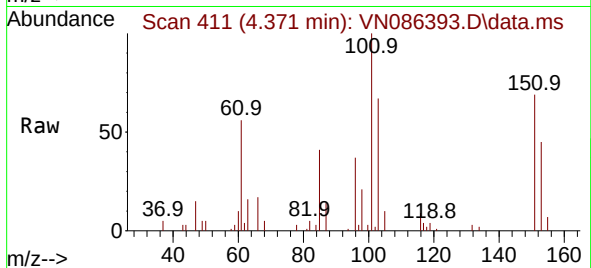
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.949 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN086393.D
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Instrument :
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Tgt Ion: 101 Resp: 4176
 Ion Ratio Lower Upper
 101 100
 85 42.7 0.0 84.4
 151 69.8 0.0 145.8

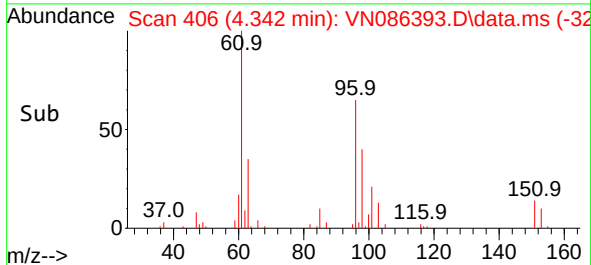
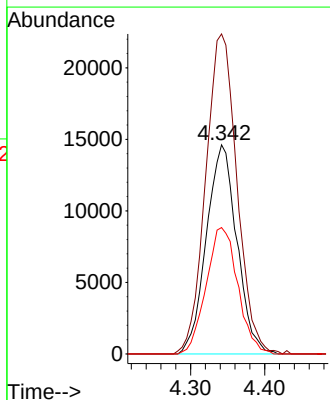
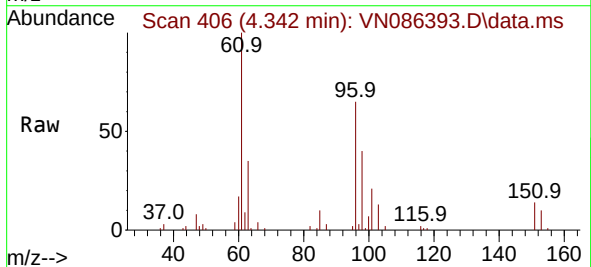
Manual Integrations
 APPROVED

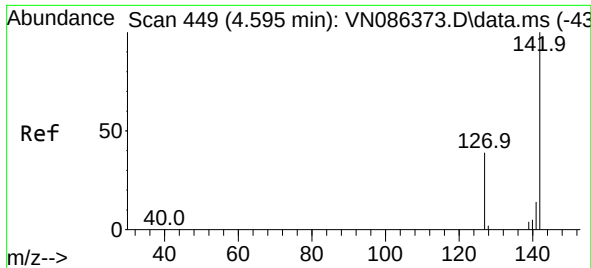
Reviewed By : John Carlone 04/25/2025
 Supervised By : Mahesh Dadoda 04/25/2025



#10
 1,1-Dichloroethene
 Concen: 19.513 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN086393.D
 Acq: 24 Apr 2025 11:46

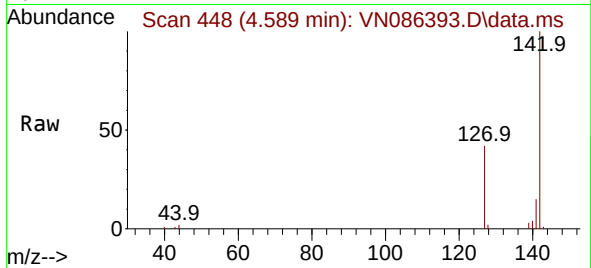
Tgt Ion: 96 Resp: 41813
 Ion Ratio Lower Upper
 96 100
 61 151.8 126.2 189.4
 98 60.5 48.5 72.7





#11
Methyl Iodide
Concen: 19.101 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

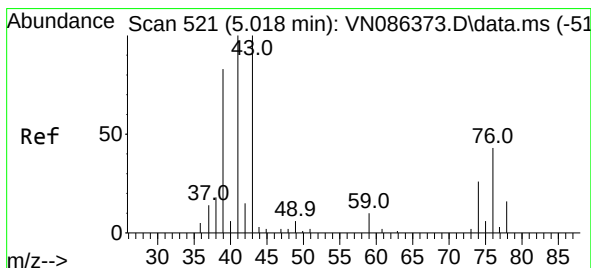
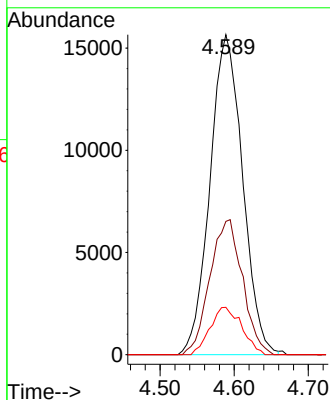
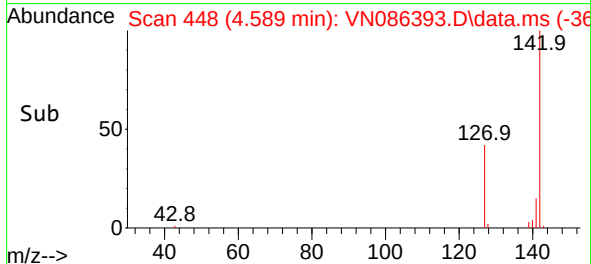
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



Tgt Ion:142 Resp: 47890
Ion Ratio Lower Upper
142 100
127 41.9 19.3 57.9
141 14.9 7.1 21.3

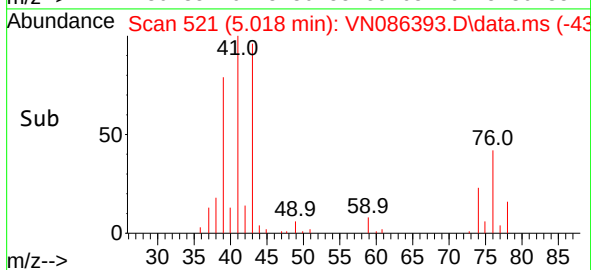
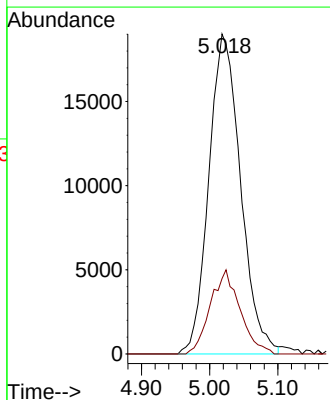
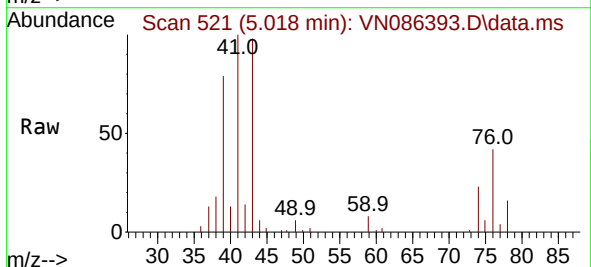
Manual Integrations
APPROVED

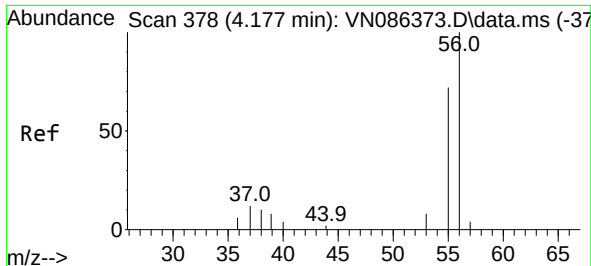
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#12
Methyl Acetate
Concen: 20.290 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

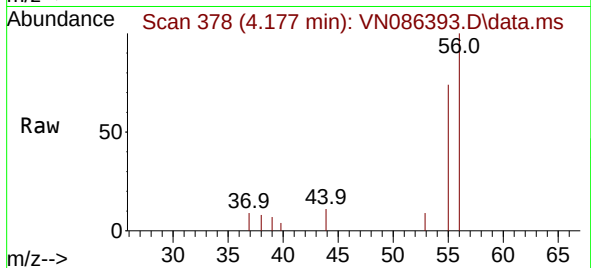
Tgt Ion: 43 Resp: 61625
Ion Ratio Lower Upper
43 100
74 23.8 20.8 31.2





#13
Acrolein
Concen: 66.412 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

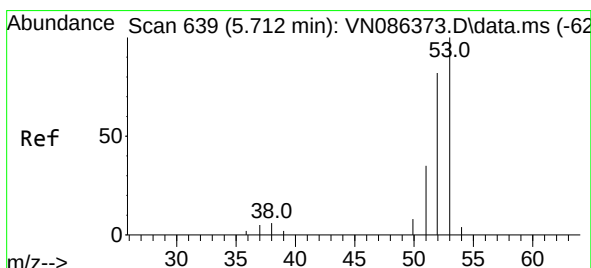
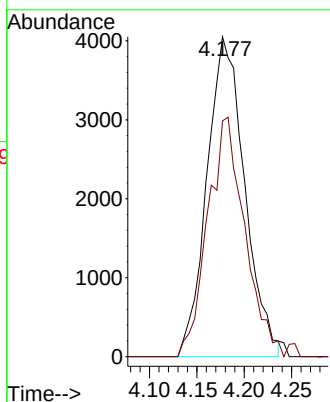
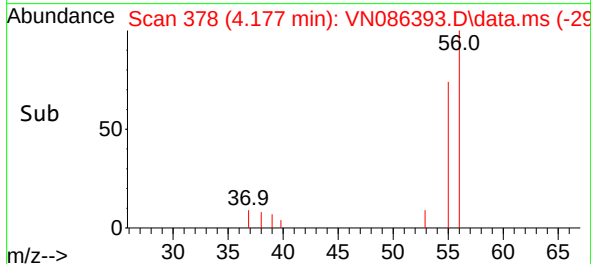
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



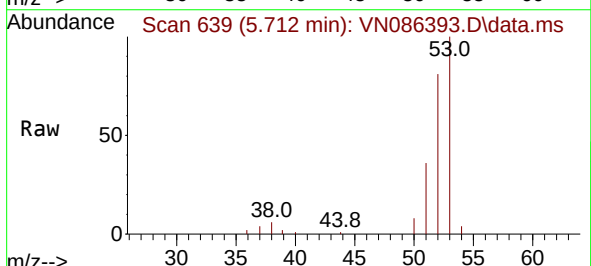
Tgt Ion: 56 Resp: 11204
Ion Ratio Lower Upper
56 100
55 73.4 56.1 84.1

Manual Integrations
APPROVED

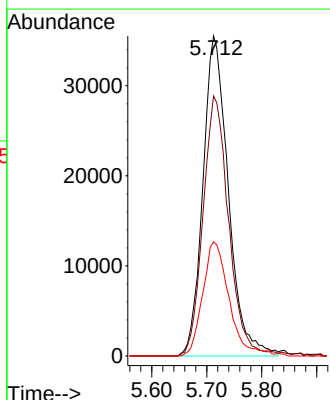
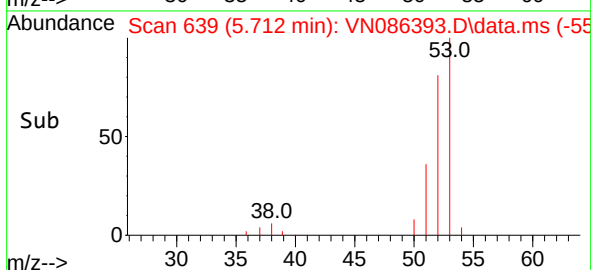
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

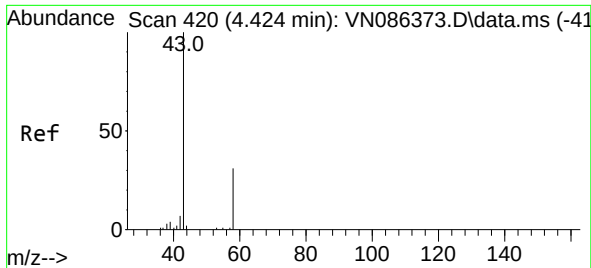


#14
Acrylonitrile
Concen: 101.112 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46



Tgt Ion: 53 Resp: 114298
Ion Ratio Lower Upper
53 100
52 81.3 41.2 123.6
51 36.5 17.6 52.8





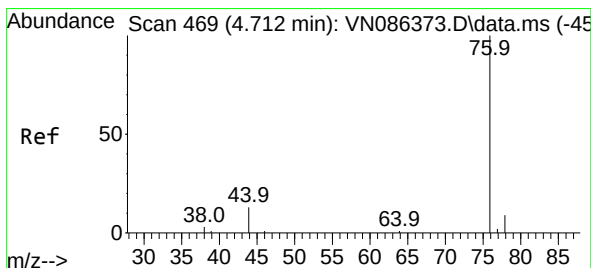
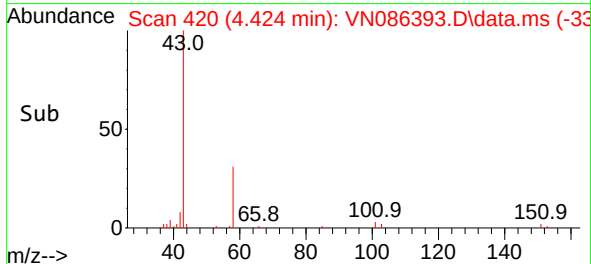
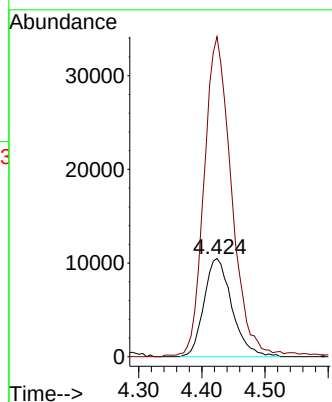
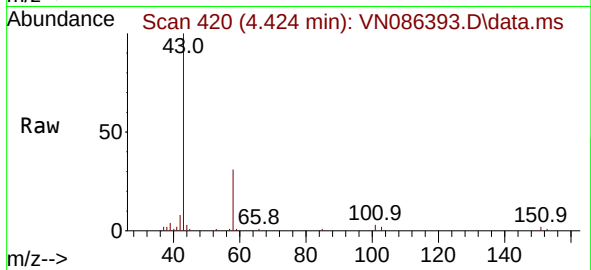
#15
Acetone
Concen: 103.413 ug/l
RT: 4.424 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01

Tgt Ion: 58 Resp: 3221
Ion Ratio Lower Upper
58 100
43 322.7 255.1 382.7

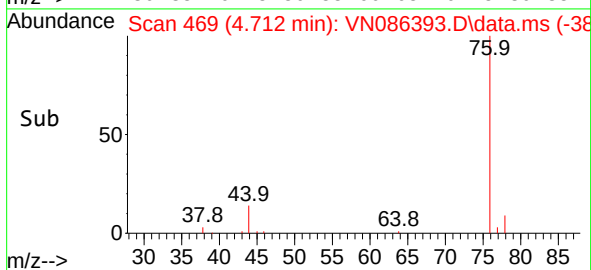
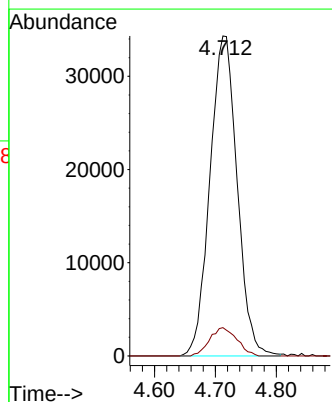
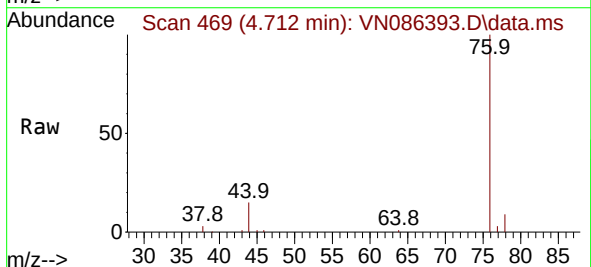
Manual Integrations
APPROVED

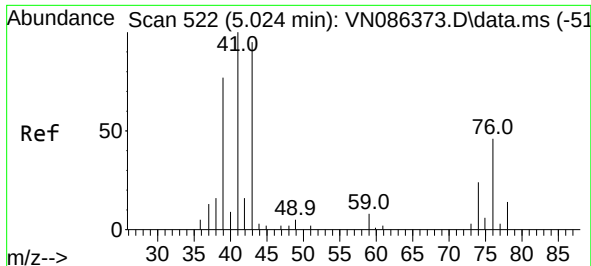
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#16
Carbon Disulfide
Concen: 18.891 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

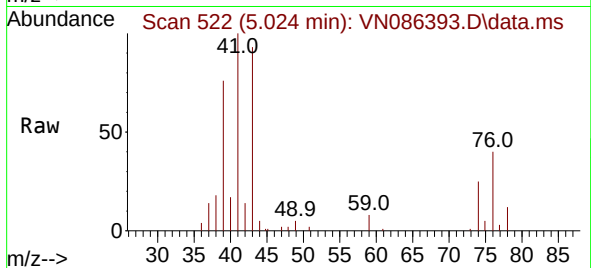
Tgt Ion: 76 Resp: 106670
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7





#17
 Allyl chloride
 Concen: 19.330 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN086393.D
 Acq: 24 Apr 2025 11:46

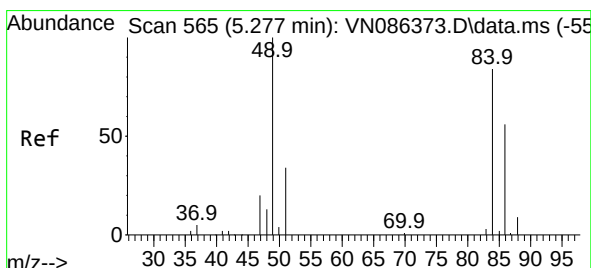
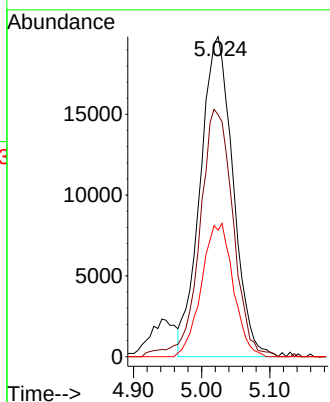
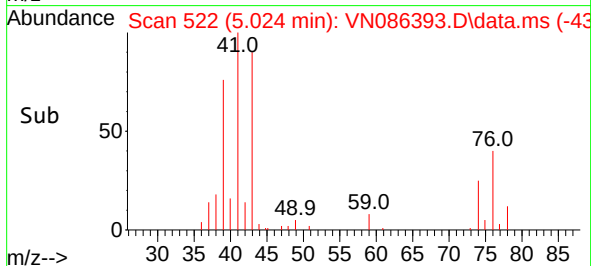
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBS01



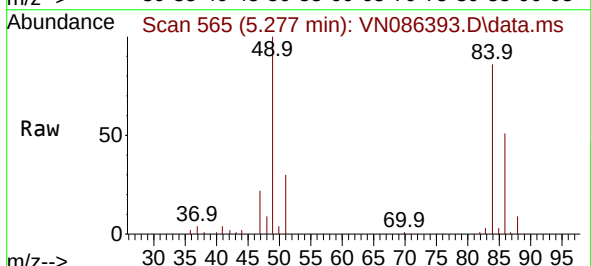
Tgt Ion: 41 Resp: 6623
 Ion Ratio Lower Upper
 41 100
 39 75.7 36.7 110.1
 76 39.6 21.8 65.4

Manual Integrations
 APPROVED

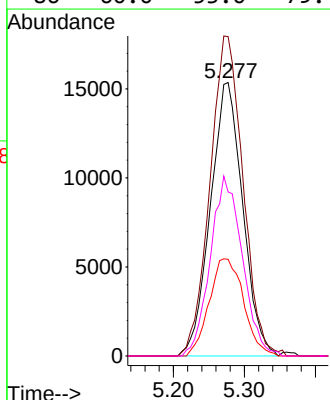
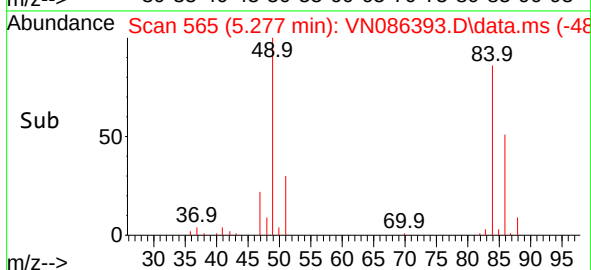
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025

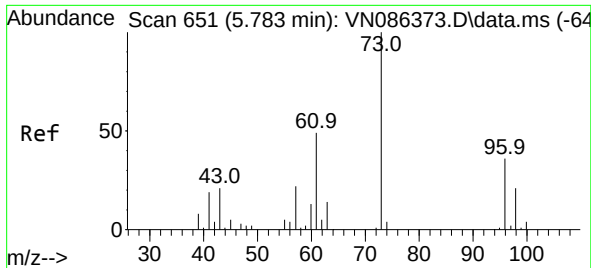


#18
 Methylene Chloride
 Concen: 19.883 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086393.D
 Acq: 24 Apr 2025 11:46



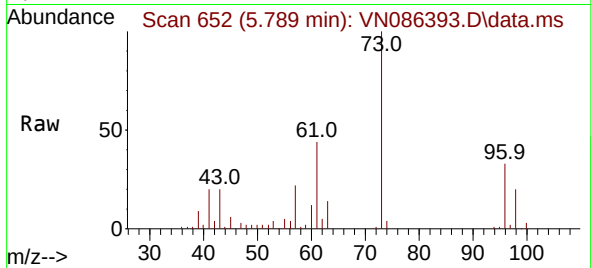
Tgt Ion: 84 Resp: 48521
 Ion Ratio Lower Upper
 84 100
 49 116.8 95.4 143.0
 51 35.4 32.8 49.2
 86 60.0 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 19.315 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

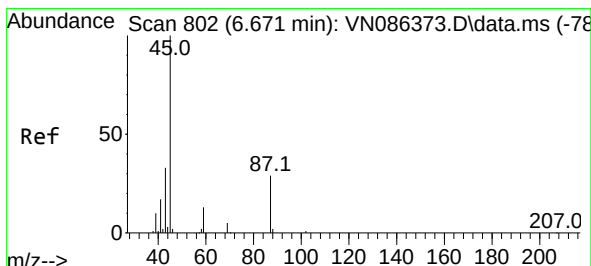
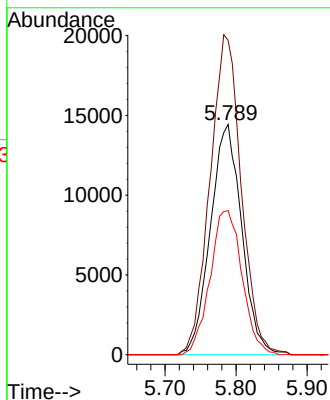
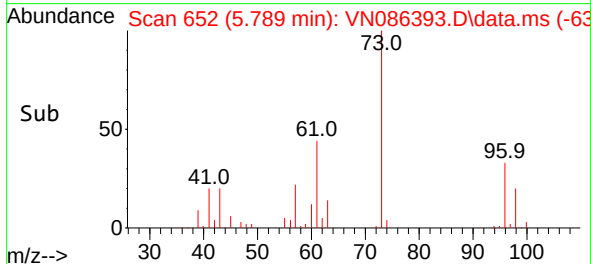
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



Tgt Ion: 96 Resp: 44110
Ion Ratio Lower Upper
96 100
61 136.6 107.3 160.9
98 62.6 46.7 70.1

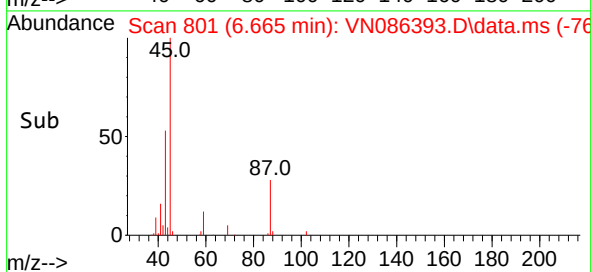
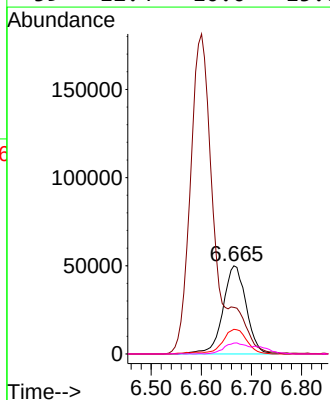
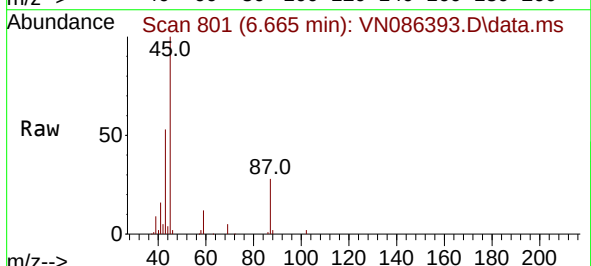
Manual Integrations
APPROVED

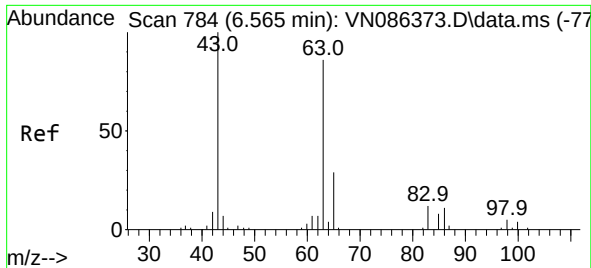
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Diisopropyl ether
Concen: 19.666 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Tgt Ion: 45 Resp: 160213
Ion Ratio Lower Upper
45 100
43 51.0 38.8 58.2
87 28.0 23.5 35.3
59 12.4 10.0 15.0





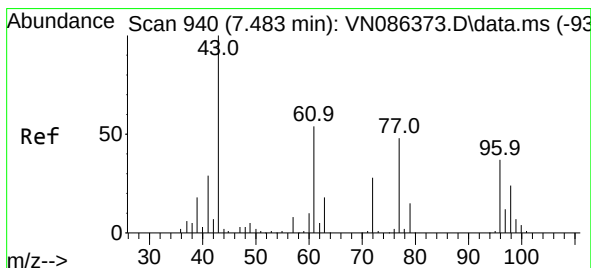
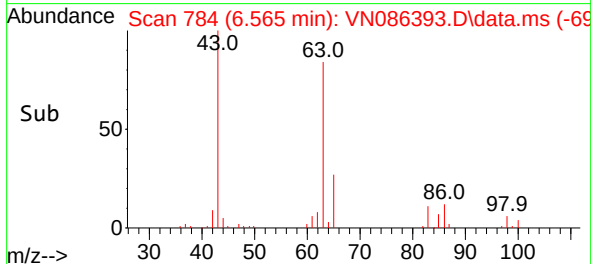
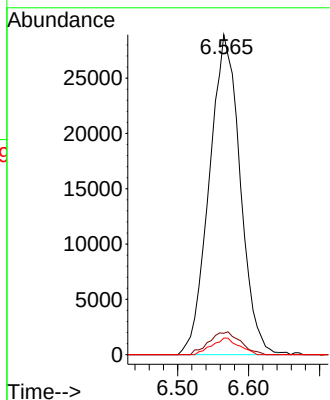
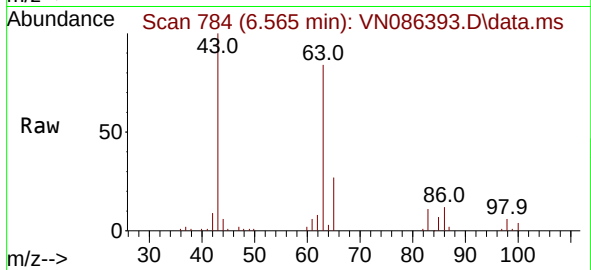
#21
1,1-Dichloroethane
Concen: 19.567 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01

Tgt Ion: 63 Resp: 87250
Ion Ratio Lower Upper
63 100
98 6.7 3.0 9.2
100 5.2 2.3 6.8

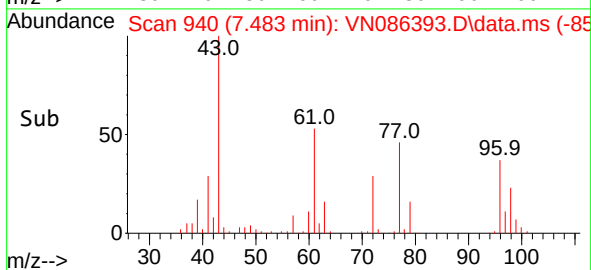
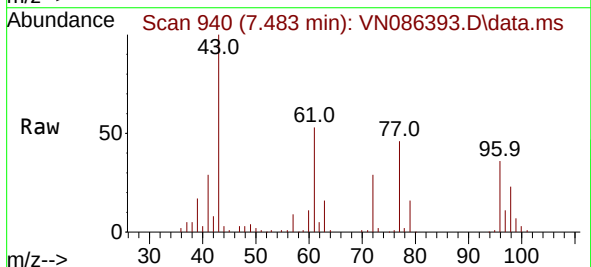
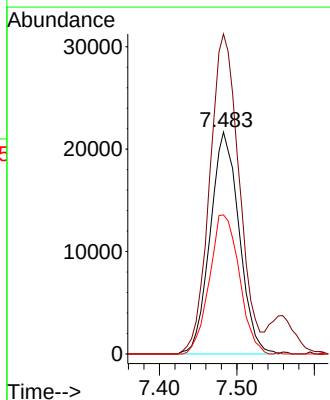
Manual Integrations
APPROVED

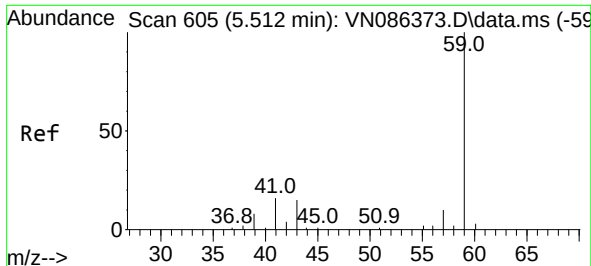
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#22
cis-1,2-Dichloroethene
Concen: 19.649 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

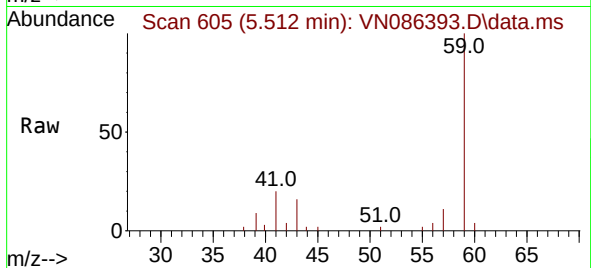
Tgt Ion: 96 Resp: 56115
Ion Ratio Lower Upper
96 100
61 146.6 120.6 181.0
98 64.8 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 106.389 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

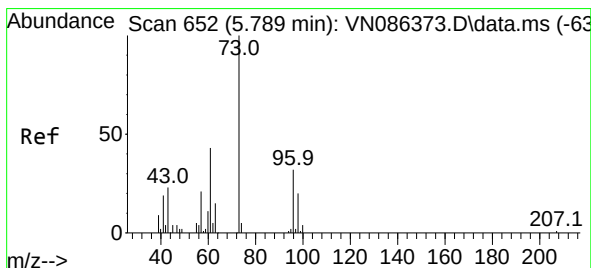
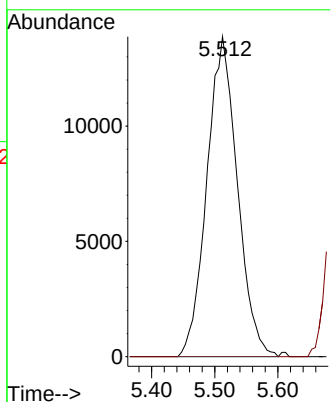
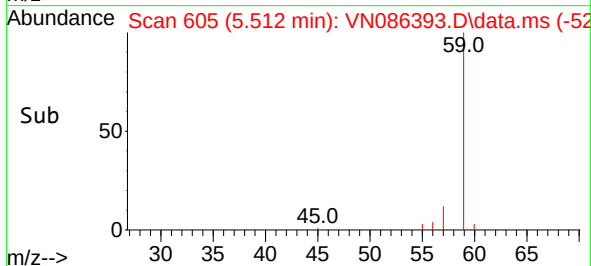
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



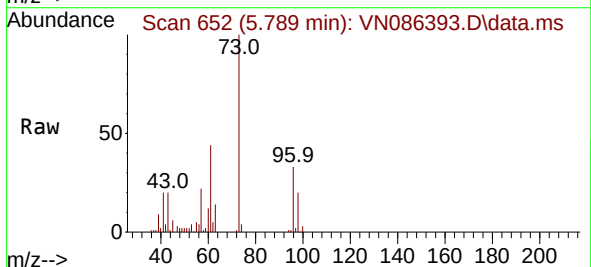
Tgt Ion: 59 Resp: 46588
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

Manual Integrations
APPROVED

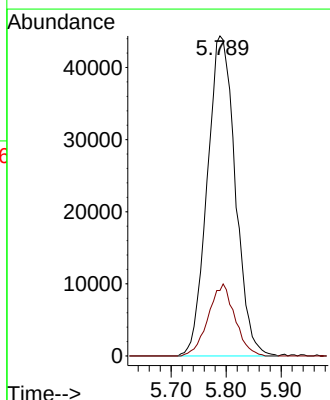
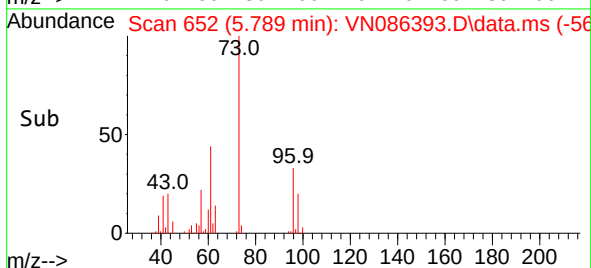
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

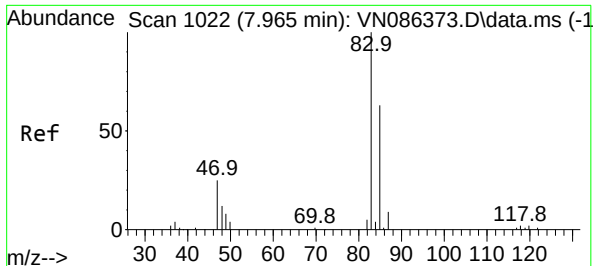


#24
Methyl tert-Butyl Ether
Concen: 19.878 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46



Tgt Ion: 73 Resp: 157378
Ion Ratio Lower Upper
73 100
43 21.3 17.1 25.7





#25

Chloroform

Concen: 19.851 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086393.D

Acq: 24 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBS01

Tgt Ion: 83 Resp: 8959

Ion Ratio Lower Upper

83 100

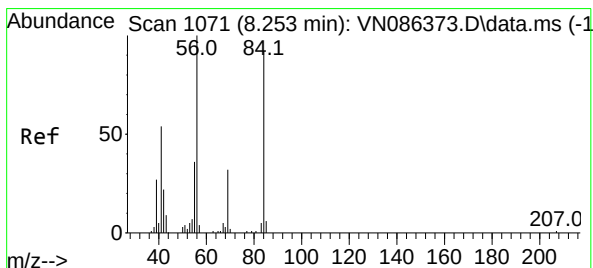
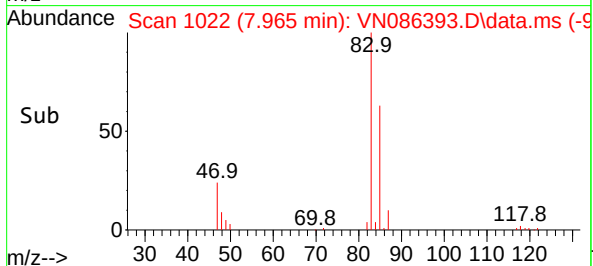
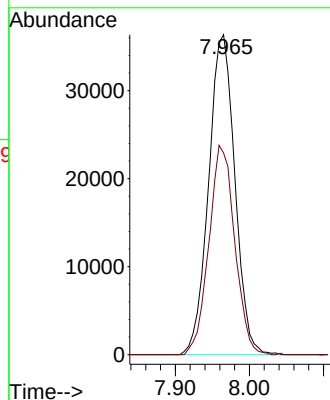
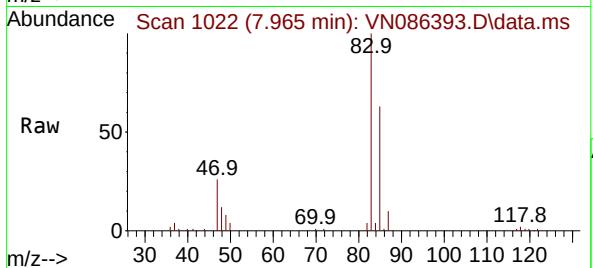
85 63.0 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#26

Cyclohexane

Concen: 18.845 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086393.D

Acq: 24 Apr 2025 11:46

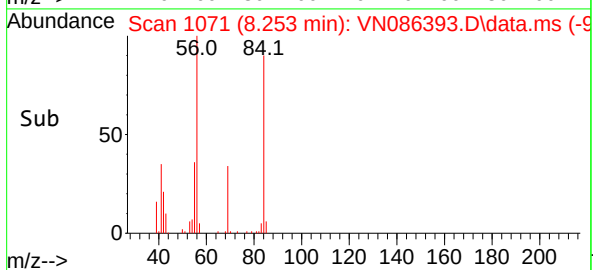
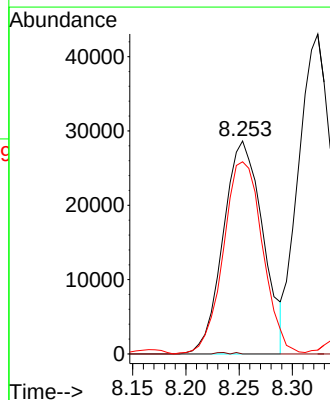
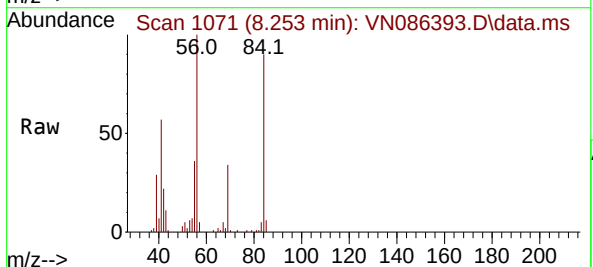
Tgt Ion: 56 Resp: 74201

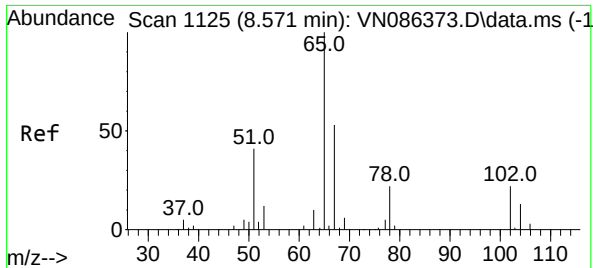
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

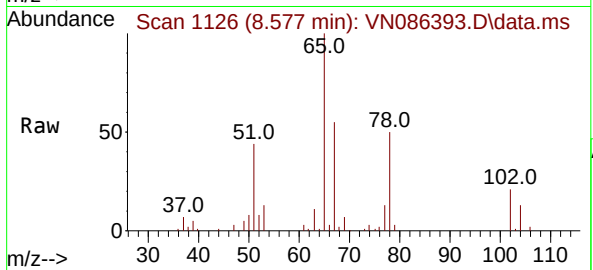
84 89.5 71.5 107.3





#27
 1,2-Dichloroethane-d4
 Concen: 30.603 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN086393.D
 Acq: 24 Apr 2025 11:46

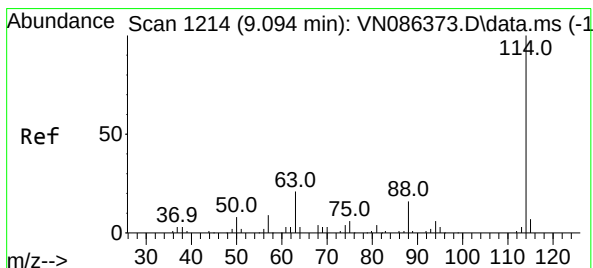
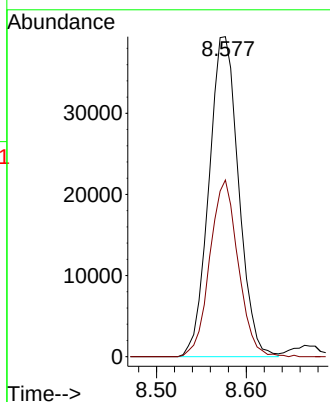
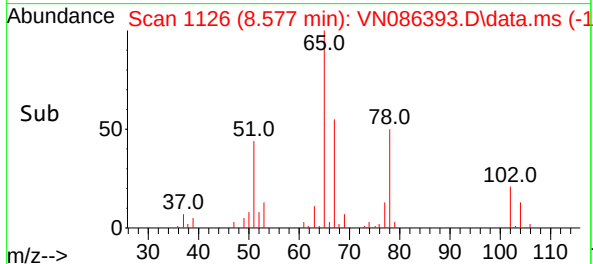
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBS01



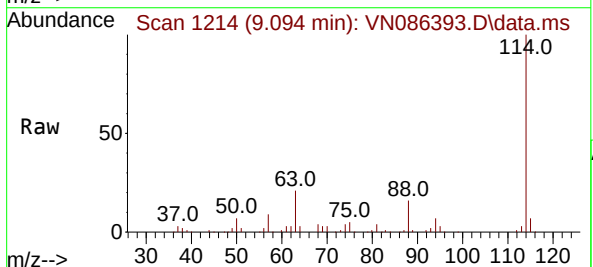
Tgt Ion: 65 Resp: 9062
 Ion Ratio Lower Upper
 65 100
 67 52.6 42.5 63.7

Manual Integrations
 APPROVED

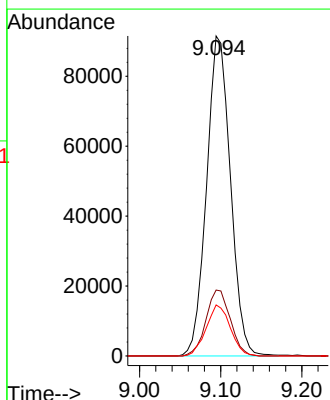
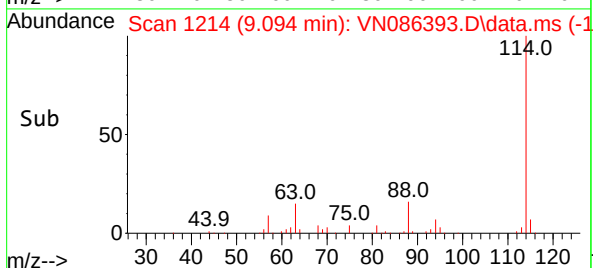
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025

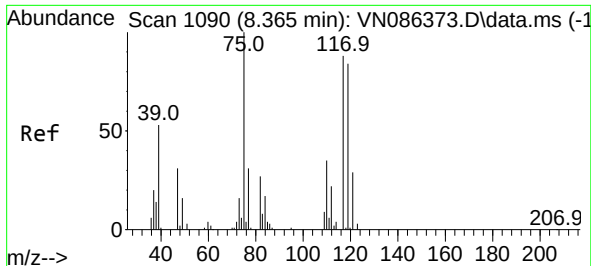


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN086393.D
 Acq: 24 Apr 2025 11:46



Tgt Ion:114 Resp: 187066
 Ion Ratio Lower Upper
 114 100
 63 20.9 16.7 25.1
 88 16.1 12.6 19.0





#29

1,1-Dichloropropene

Concen: 18.905 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086393.D

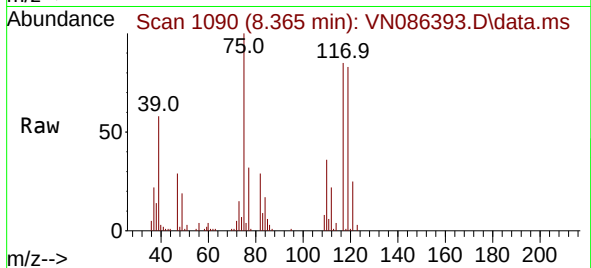
Acq: 24 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBS01



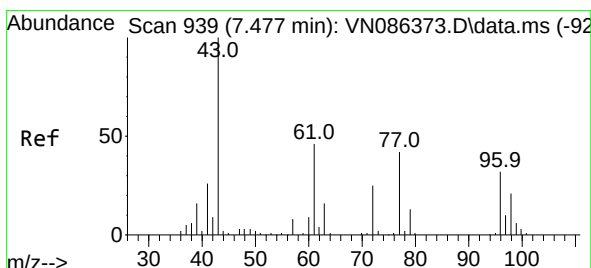
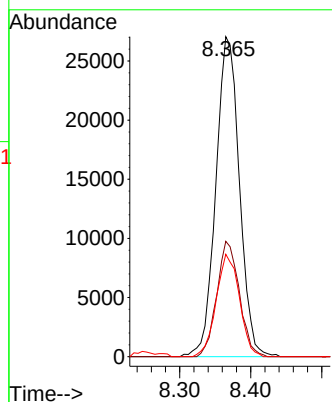
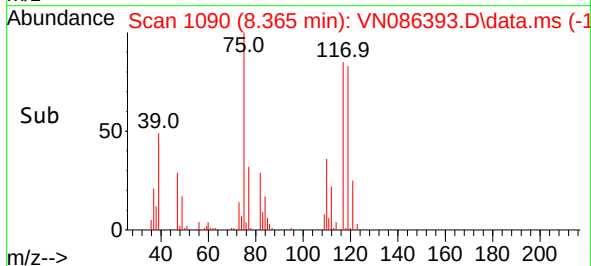
Tgt Ion:	75	Resp:	62340
Ion Ratio	100	Lower	Upper
75	100		
110	34.4	0.0	68.0
77	31.5	0.0	61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#30

2-Butanone

Concen: 99.612 ug/l

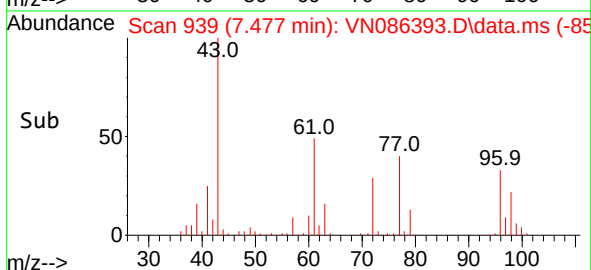
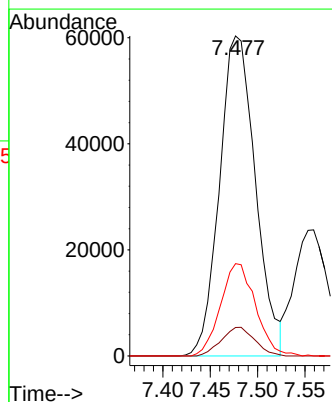
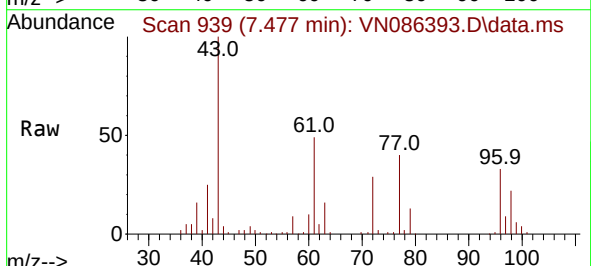
RT: 7.477 min Scan# 939

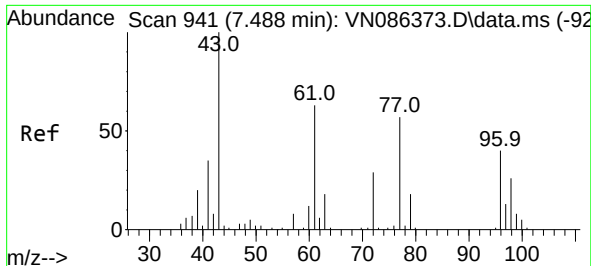
Delta R.T. 0.000 min

Lab File: VN086393.D

Acq: 24 Apr 2025 11:46

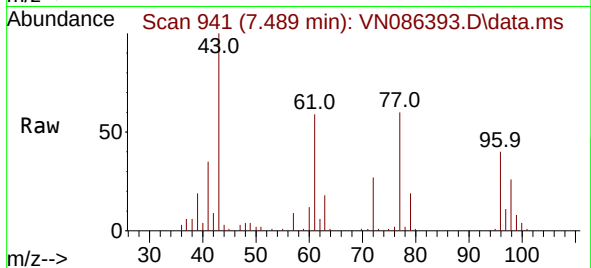
Tgt Ion:	43	Resp:	159446
Ion Ratio	100	Lower	Upper
43	100		
57	8.3	6.6	10.0
72	28.0	22.2	33.4





#31
2,2-Dichloropropane
Concen: 19.321 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

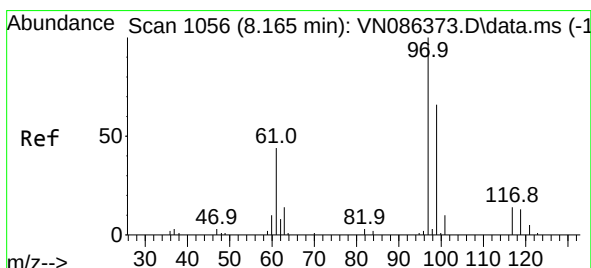
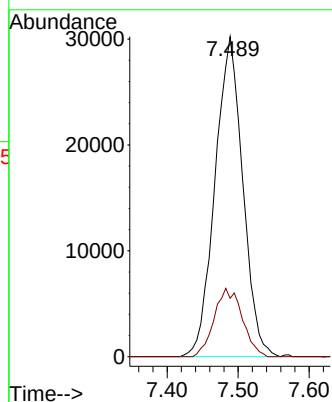
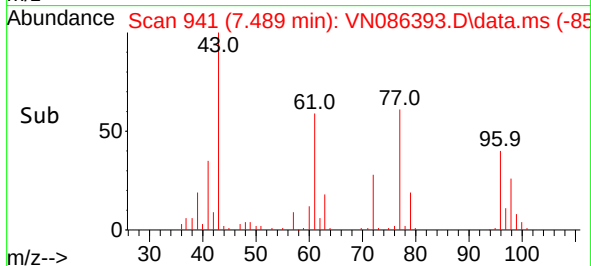
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



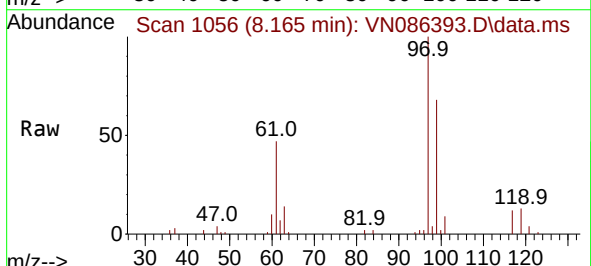
Tgt Ion: 77 Resp: 81909
Ion Ratio Lower Upper
77 100
97 21.6 18.2 27.2

Manual Integrations
APPROVED

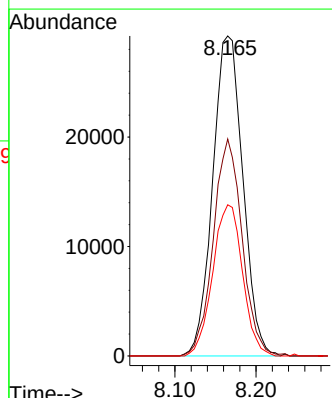
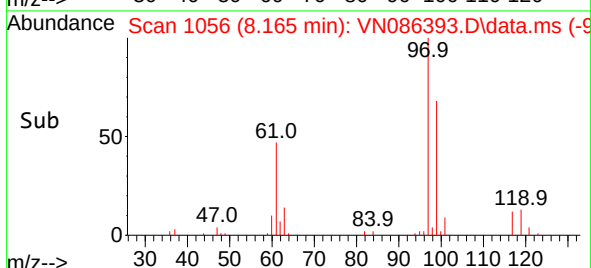
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

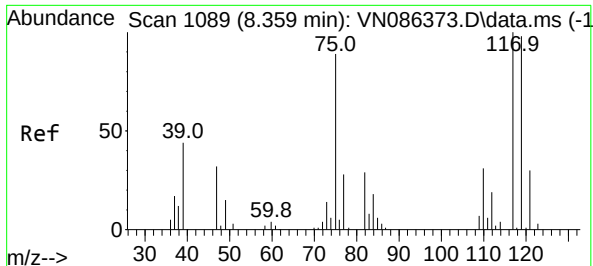


#32
1,1,1-Trichloroethane
Concen: 19.168 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46



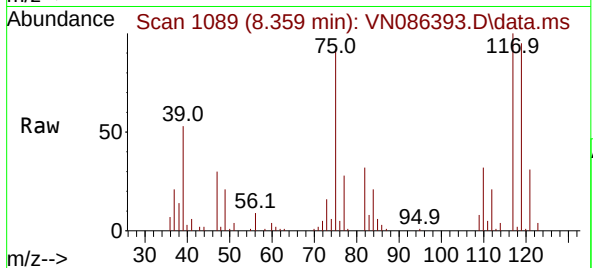
Tgt Ion: 97 Resp: 75539
Ion Ratio Lower Upper
97 100
99 64.9 52.6 79.0
61 46.7 36.4 54.6





#33
Carbon Tetrachloride
Concen: 18.978 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

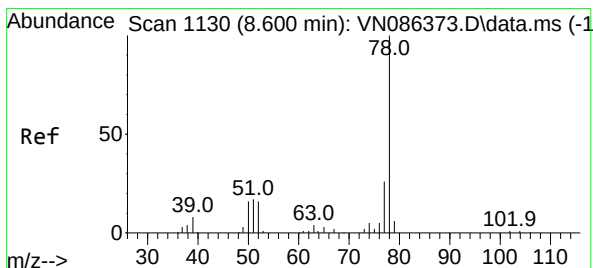
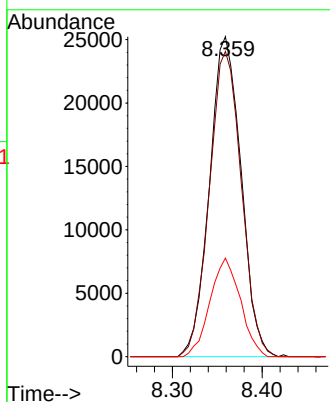
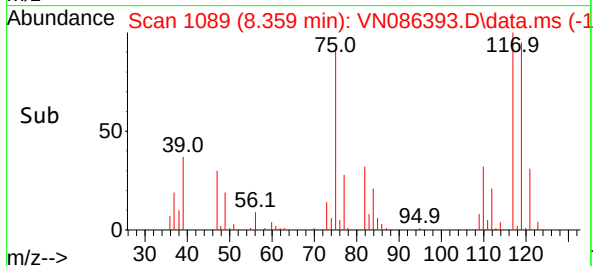
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



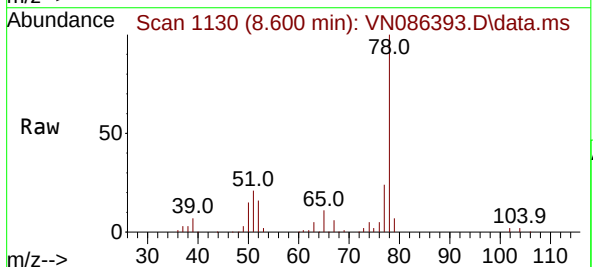
Tgt Ion: 117 Resp: 61560
Ion Ratio Lower Upper
117 100
119 95.4 78.6 117.8
121 30.8 24.0 36.0

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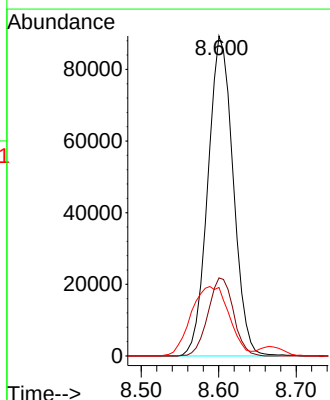
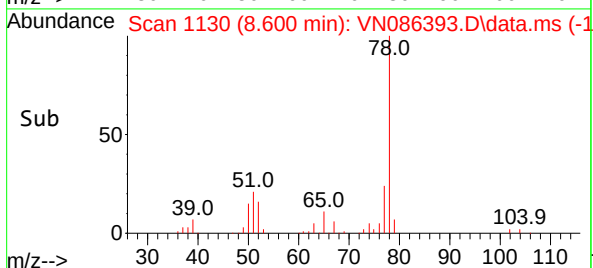
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

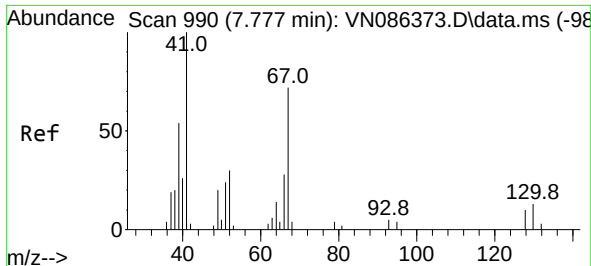


#34
Benzene
Concen: 19.332 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46



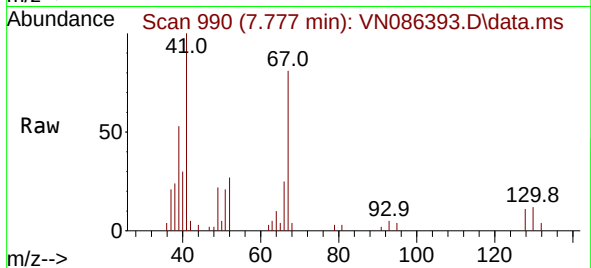
Tgt Ion: 78 Resp: 202777
Ion Ratio Lower Upper
78 100
77 24.4 20.8 31.2
51 18.9 14.0 21.0





#35
Methacrylonitrile
Concen: 18.869 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

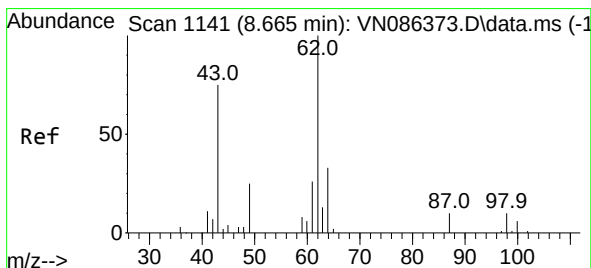
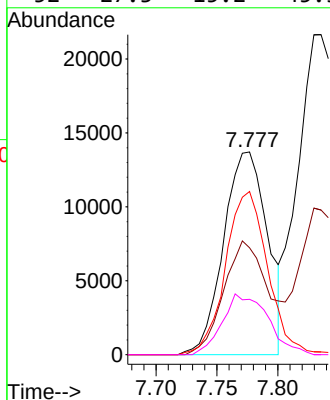
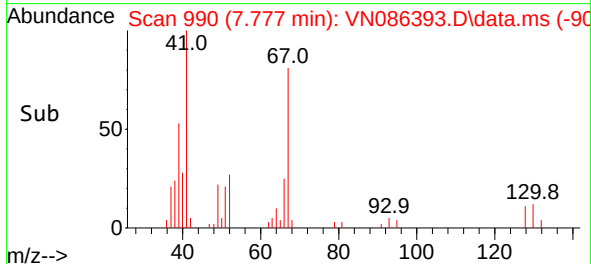
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



Tgt Ion: 41 Resp: 3445
Ion Ratio Lower Upper
41 100
39 52.8 27.0 80.8
67 80.5 35.8 107.3
52 27.3 15.2 45.5

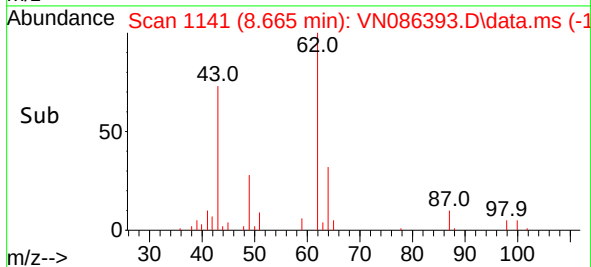
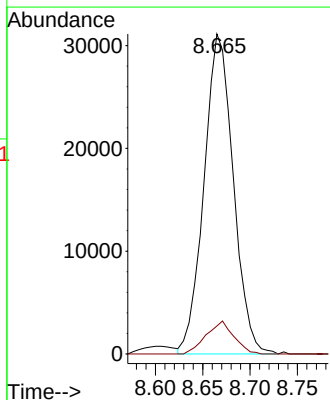
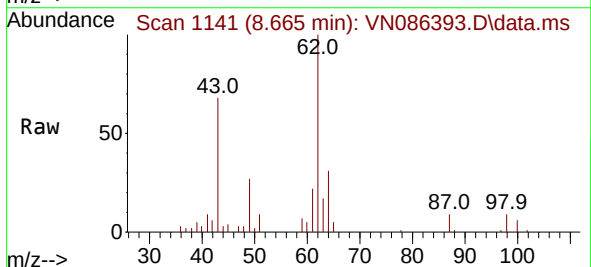
Manual Integrations
APPROVED

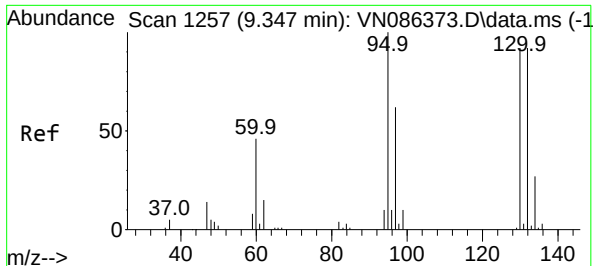
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#36
1,2-Dichloroethane
Concen: 19.694 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Tgt Ion: 62 Resp: 67069
Ion Ratio Lower Upper
62 100
98 9.7 7.6 11.4





#37

Trichloroethene

Concen: 18.850 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN086393.D

Acq: 24 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBS01

Tgt Ion:130 Resp: 49498

Ion Ratio Lower Upper

130 100

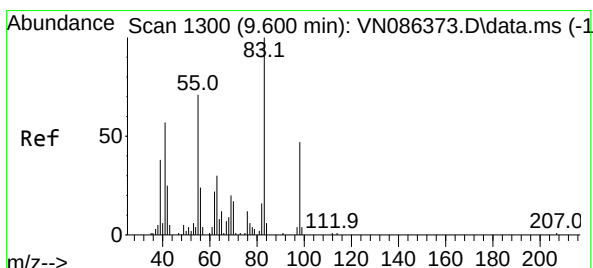
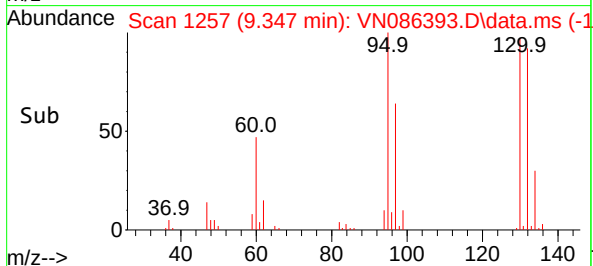
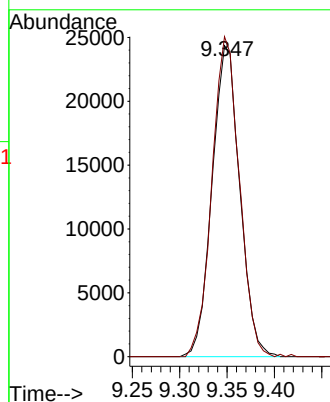
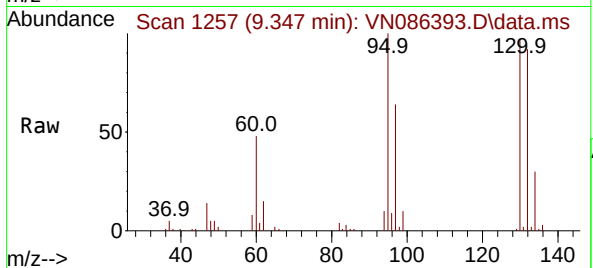
95 102.9 86.6 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#38

Methylcyclohexane

Concen: 18.615 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086393.D

Acq: 24 Apr 2025 11:46

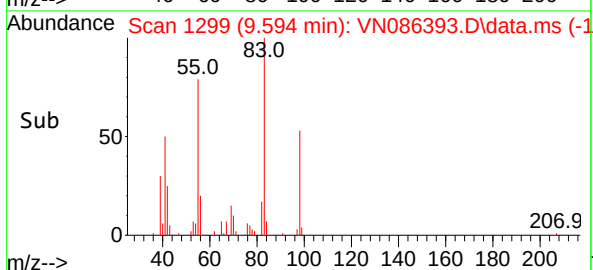
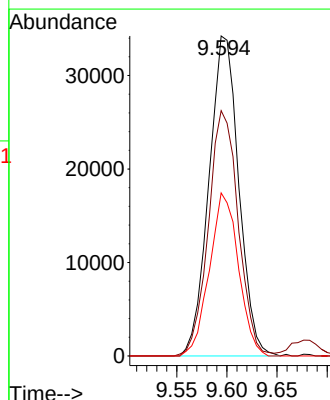
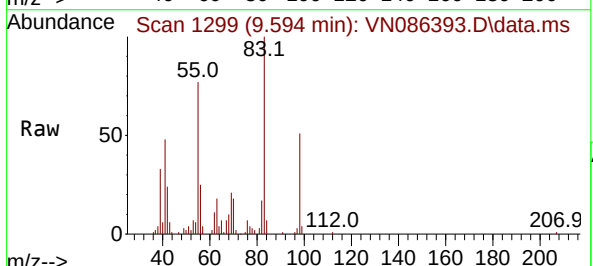
Tgt Ion: 83 Resp: 70900

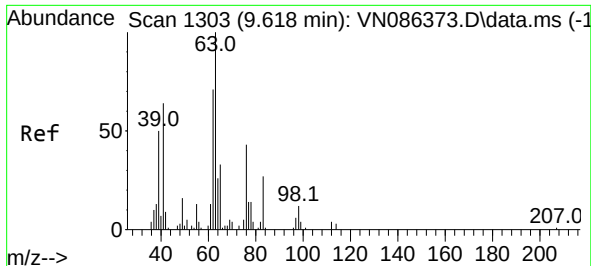
Ion Ratio Lower Upper

83 100

55 76.8 37.3 111.9

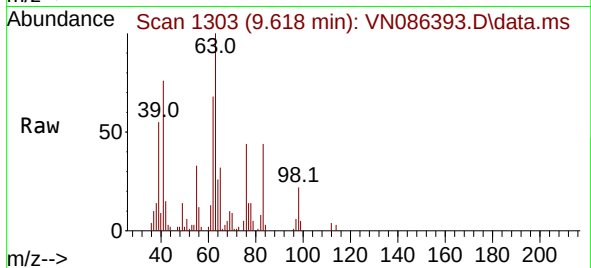
98 49.5 23.8 71.5





#39
1,2-Dichloropropane
Concen: 19.167 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

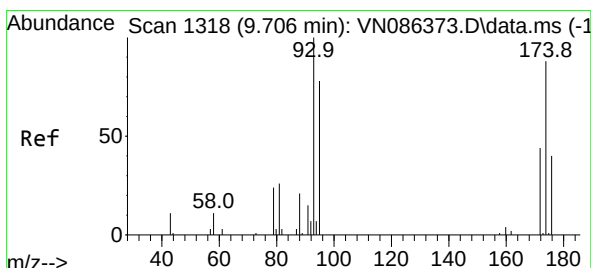
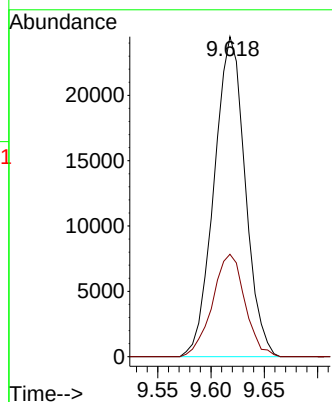
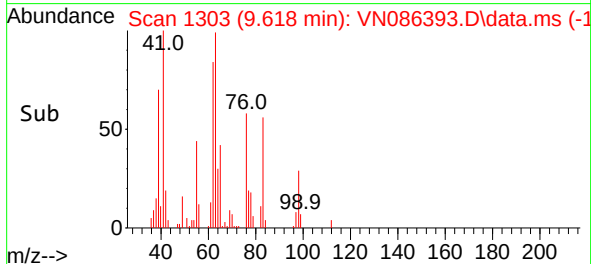
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



Tgt Ion: 63 Resp: 4966
Ion Ratio Lower Upper
63 100
65 32.0 26.7 40.1

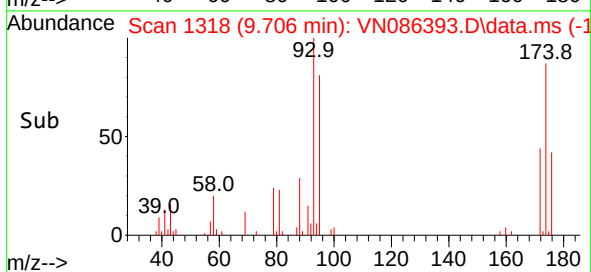
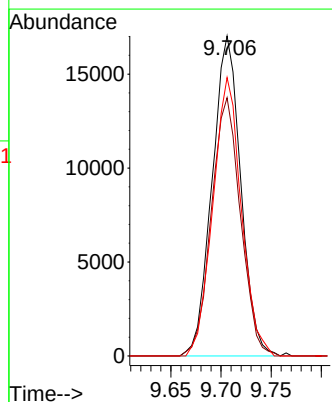
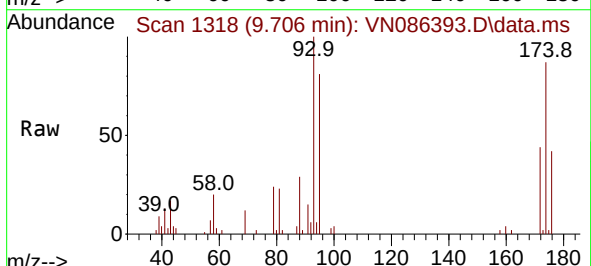
Manual Integrations
APPROVED

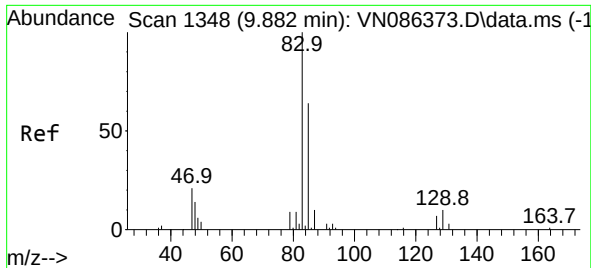
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#40
Dibromomethane
Concen: 19.486 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

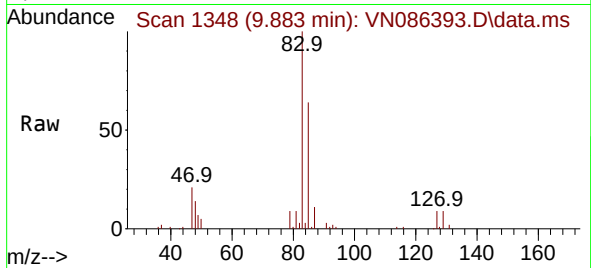
Tgt Ion: 93 Resp: 33767
Ion Ratio Lower Upper
93 100
95 82.1 0.0 159.2
174 86.4 0.0 171.4





#41
Bromodichloromethane
Concen: 19.343 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

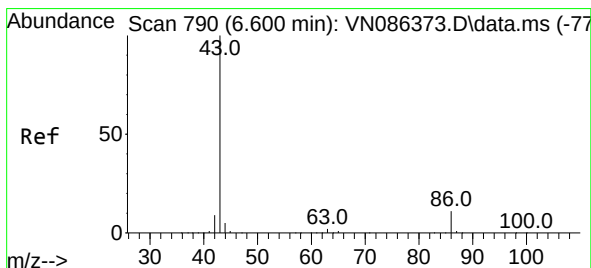
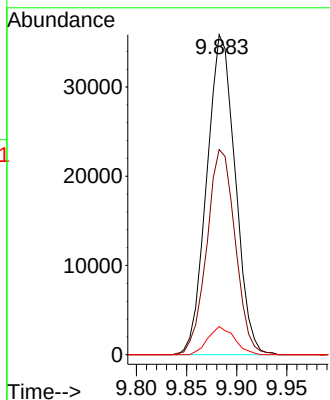
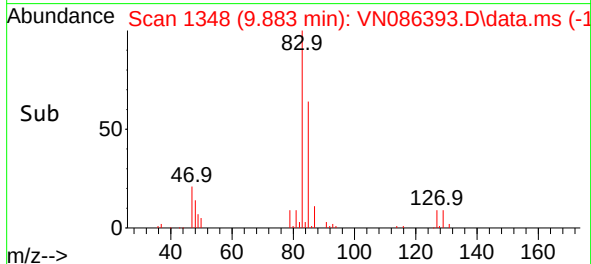
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



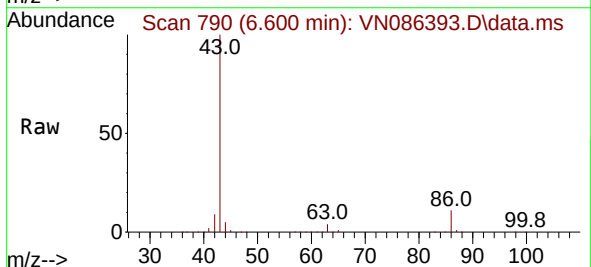
Tgt Ion: 83 Resp: 7093
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7
127 8.8 5.9 8.9

Manual Integrations
APPROVED

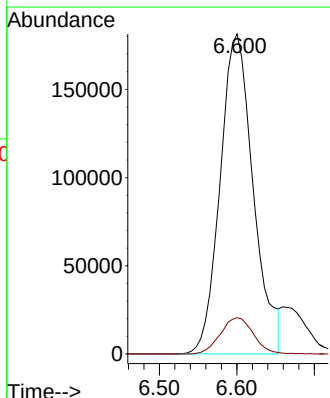
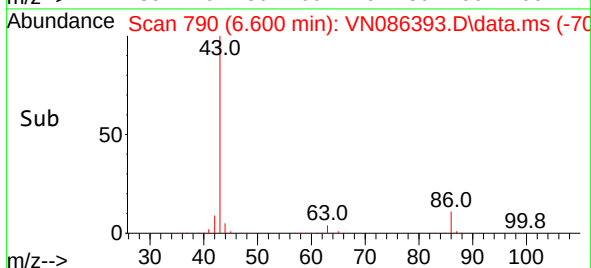
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

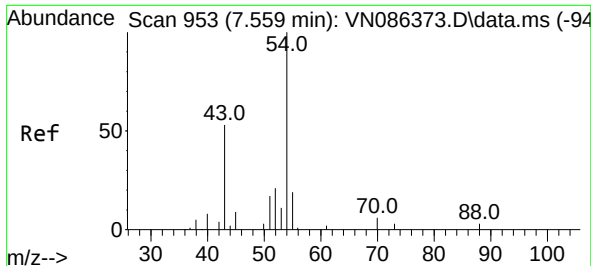


#42
Vinyl Acetate
Concen: 97.602 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46



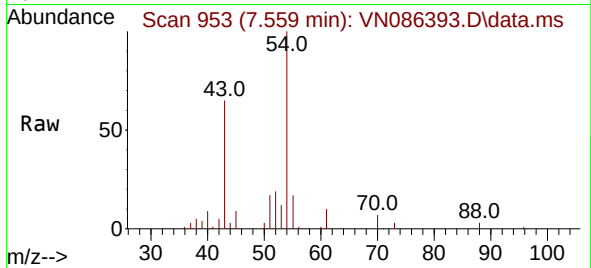
Tgt Ion: 43 Resp: 541188
Ion Ratio Lower Upper
43 100
86 11.3 8.9 13.3





#43
Ethyl Acetate
Concen: 19.749 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

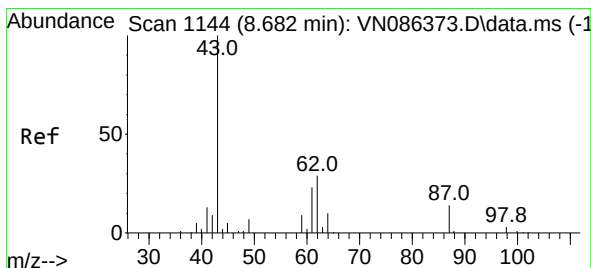
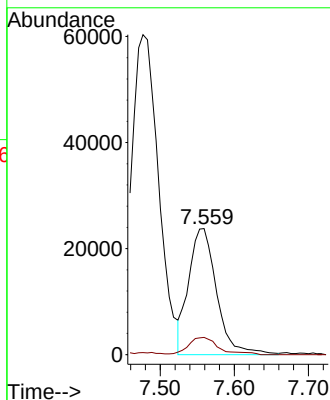
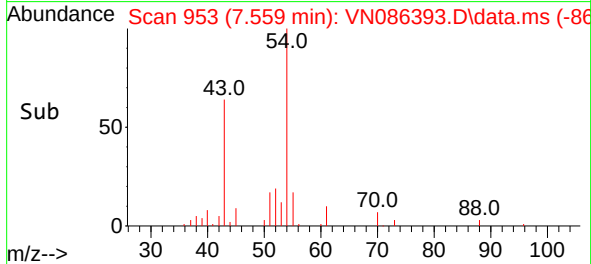
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



Tgt Ion: 43 Resp: 62559
Ion Ratio Lower Upper
43 100
45 14.8 11.4 17.2

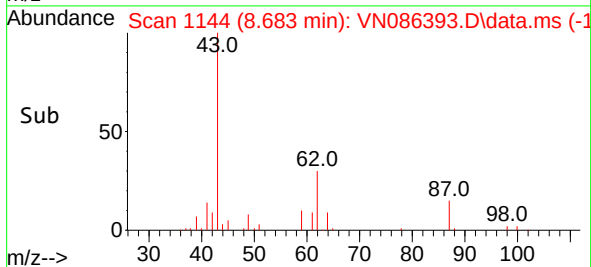
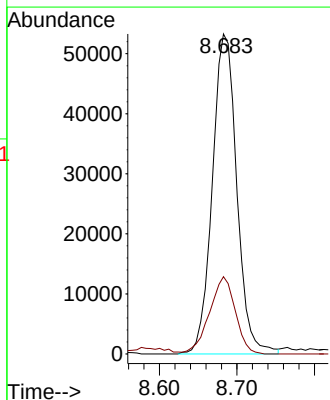
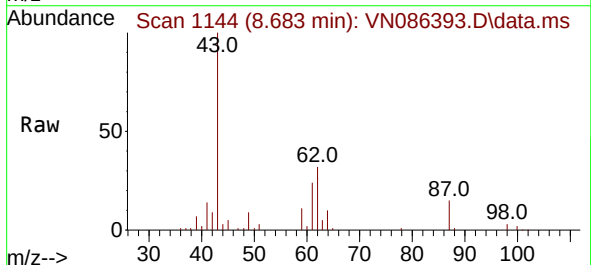
Manual Integrations
APPROVED

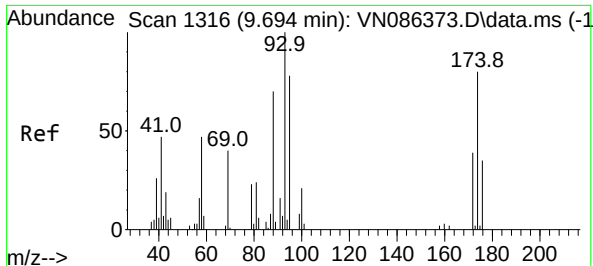
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#44
Isopropyl Acetate
Concen: 19.459 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Tgt Ion: 43 Resp: 116989
Ion Ratio Lower Upper
43 100
61 25.5 21.0 31.4





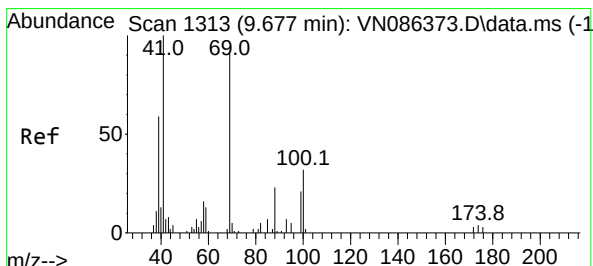
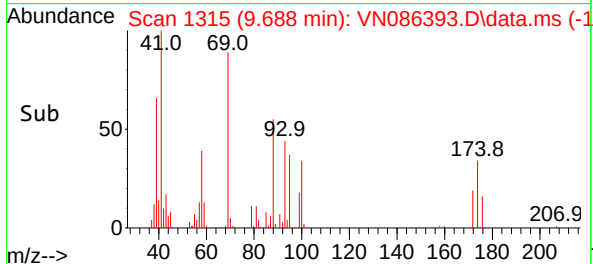
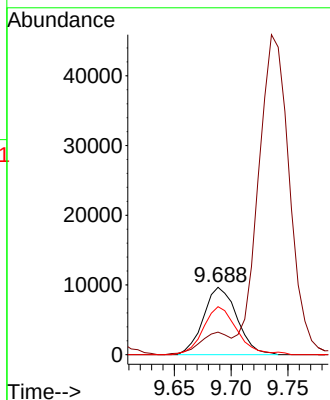
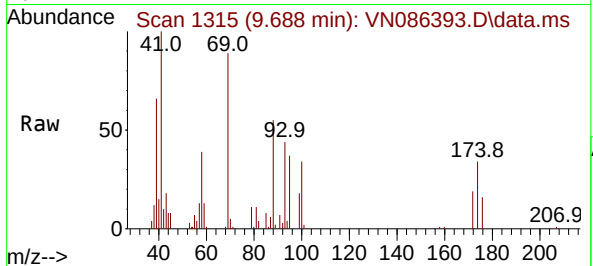
#45
1,4-Dioxane
Concen: 423.219 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01

Tgt Ion: 88 Resp: 1985
Ion Ratio Lower Upper
88 100
43 30.0 24.9 37.3
58 70.6 57.8 86.8

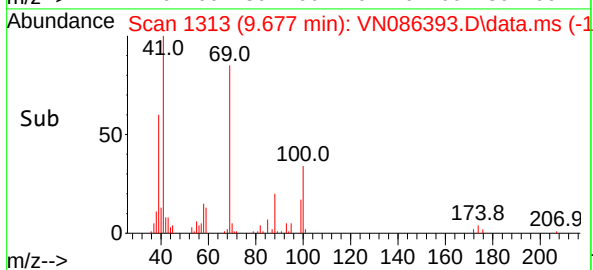
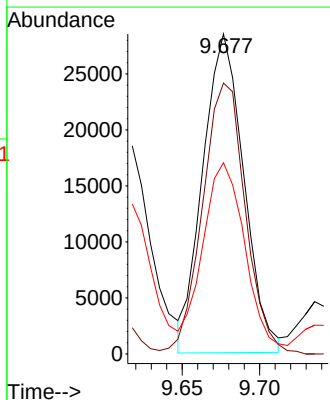
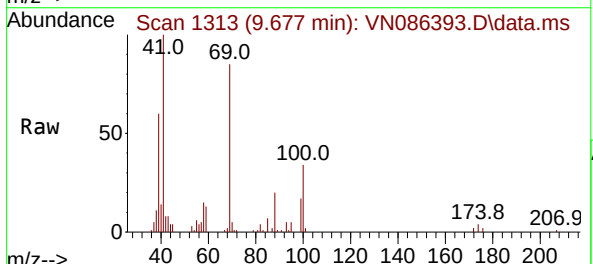
Manual Integrations
APPROVED

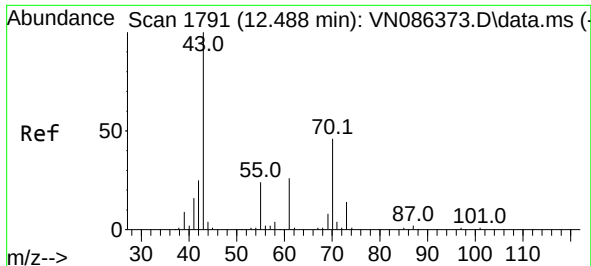
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#46
Methyl methacrylate
Concen: 18.840 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Tgt Ion: 41 Resp: 52246
Ion Ratio Lower Upper
41 100
69 86.0 44.1 132.3
39 59.6 30.0 90.1





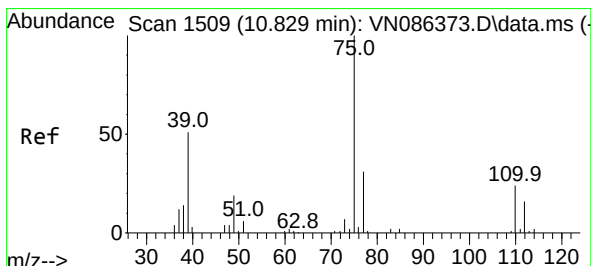
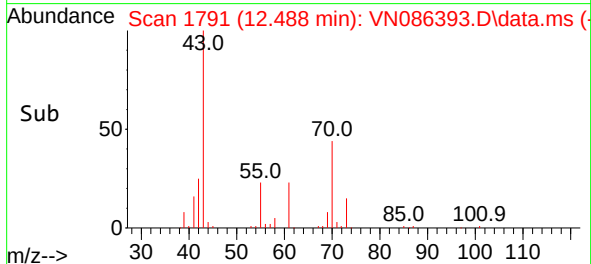
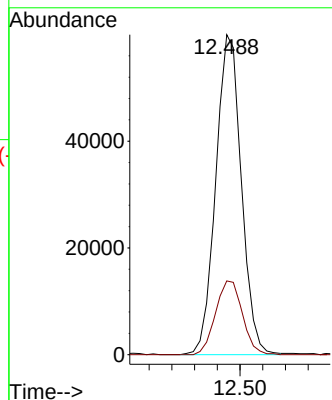
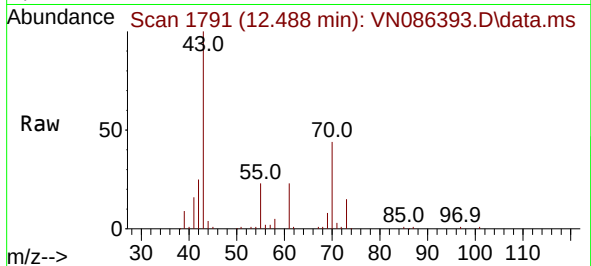
#47
n-amyl acetate
Concen: 18.291 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01

Tgt Ion: 43 Resp: 93724
Ion Ratio Lower Upper
43 100
55 24.2 19.4 29.0

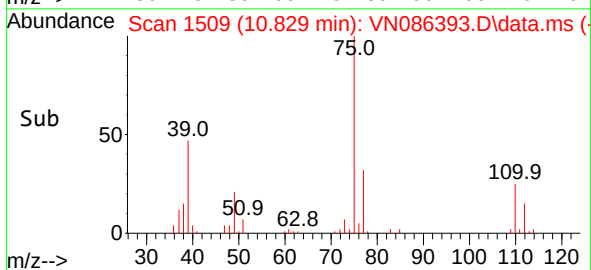
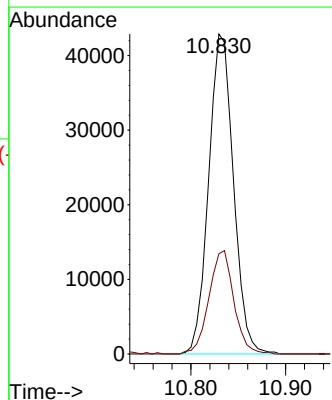
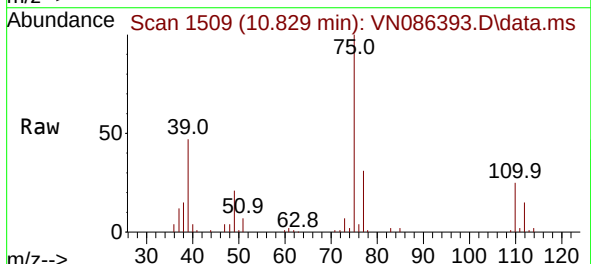
Manual Integrations
APPROVED

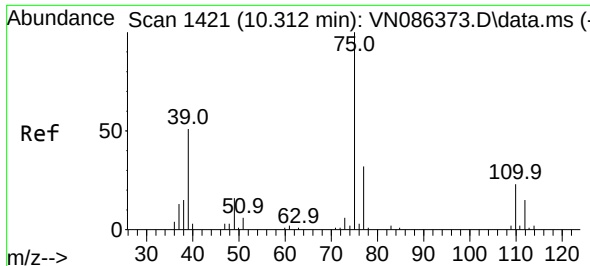
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#48
t-1,3-Dichloropropene
Concen: 19.066 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

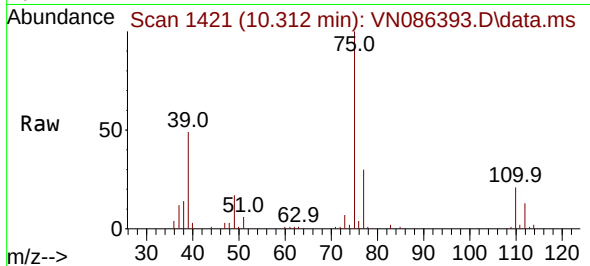
Tgt Ion: 75 Resp: 78168
Ion Ratio Lower Upper
75 100
77 31.4 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.173 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN086393.D
 Acq: 24 Apr 2025 11:46

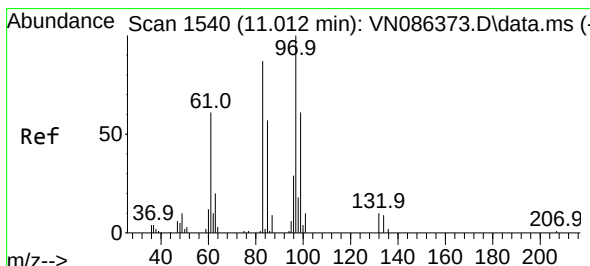
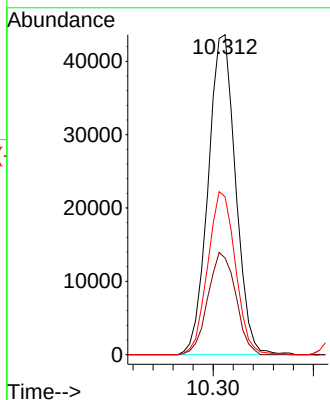
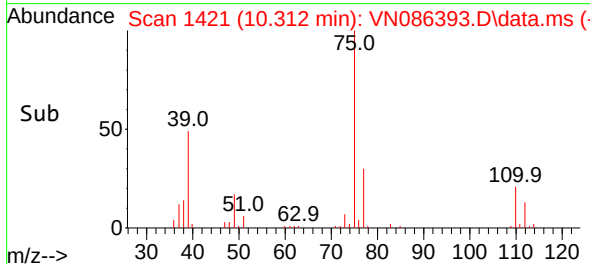
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBS01



Tgt Ion: 75 Resp: 82890
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.6 38.4
 39 49.3 40.6 60.8

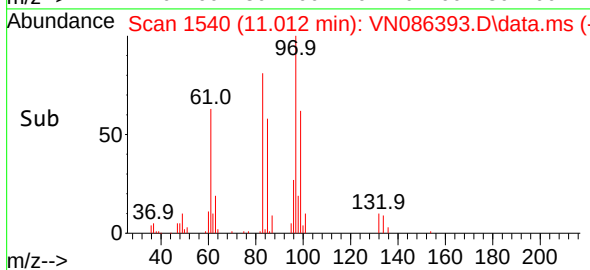
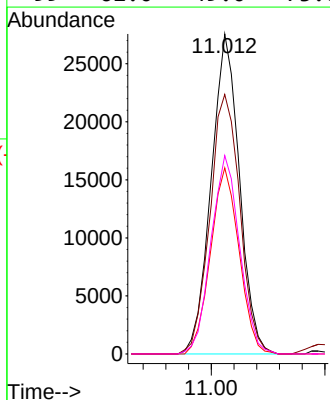
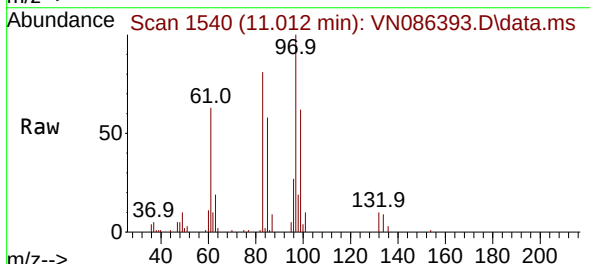
Manual Integrations
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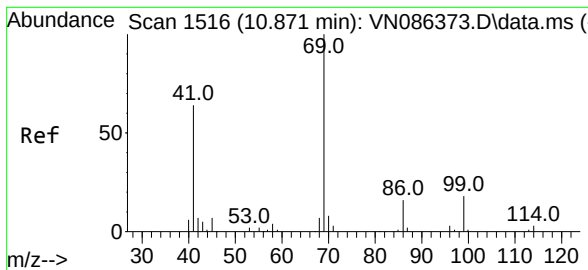
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.662 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086393.D
 Acq: 24 Apr 2025 11:46

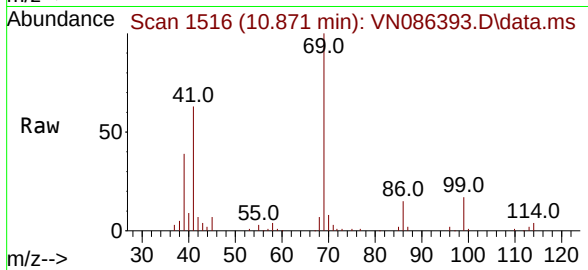
Tgt Ion: 97 Resp: 47593
 Ion Ratio Lower Upper
 97 100
 83 81.1 69.3 103.9
 85 58.2 45.5 68.3
 99 62.0 49.0 73.6





#51
Ethyl methacrylate
Concen: 19.171 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

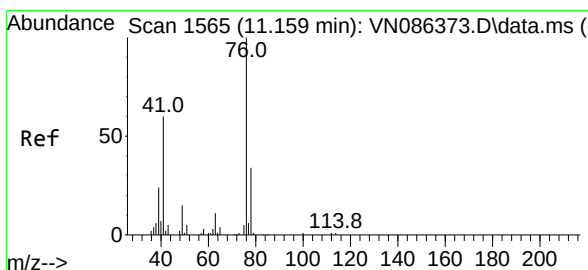
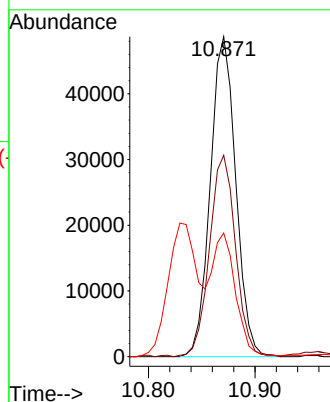
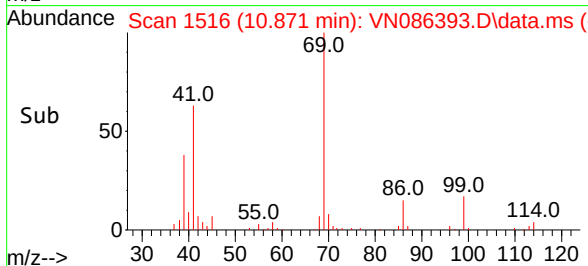
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



Tgt Ion: 69 Resp: 8081
Ion Ratio Lower Upper
69 100
41 63.0 32.3 96.8
39 38.3 19.1 57.1

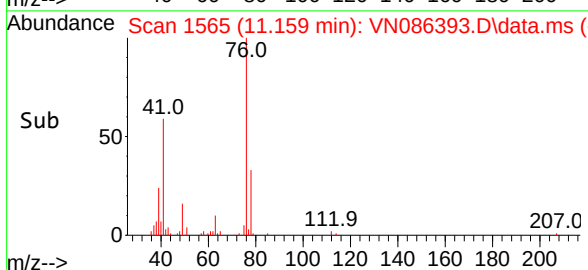
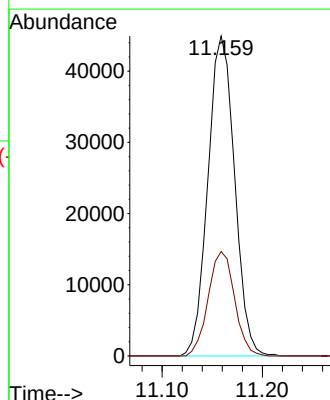
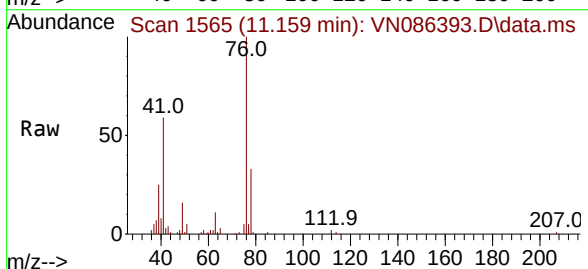
Manual Integrations
APPROVED

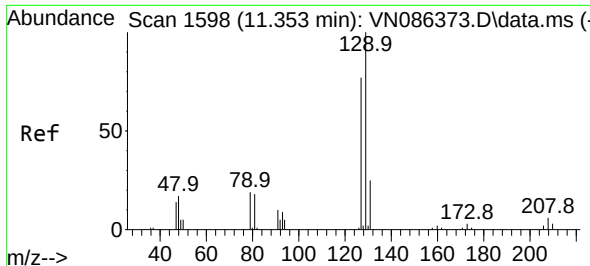
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
1,3-Dichloropropane
Concen: 19.460 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Tgt Ion: 76 Resp: 83250
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.6





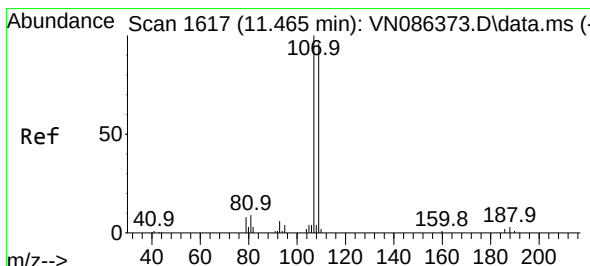
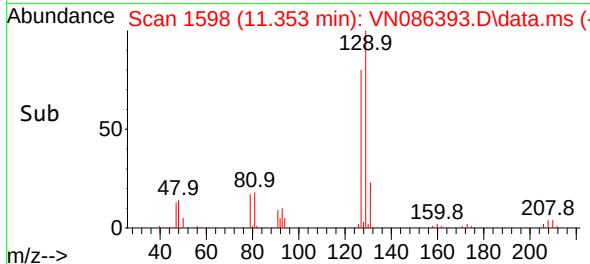
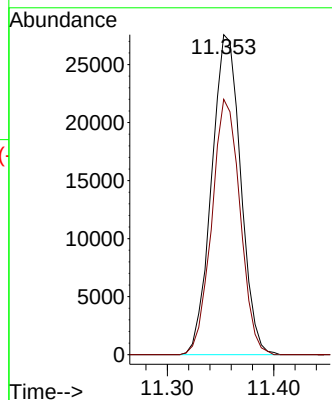
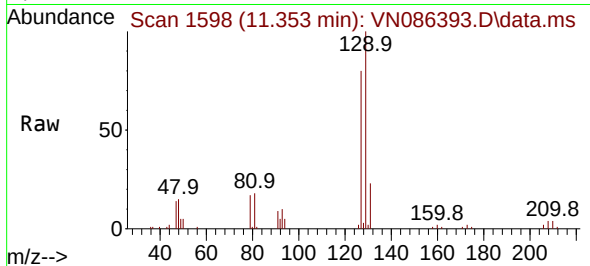
#53
Dibromochloromethane
Concen: 19.229 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01

Tgt Ion:129 Resp: 52262
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3

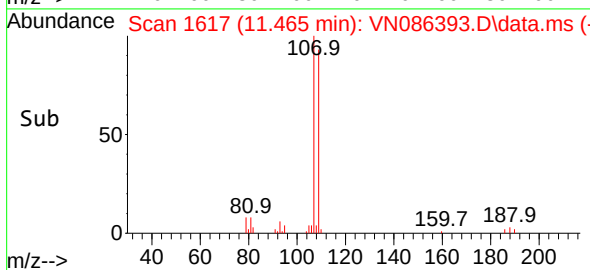
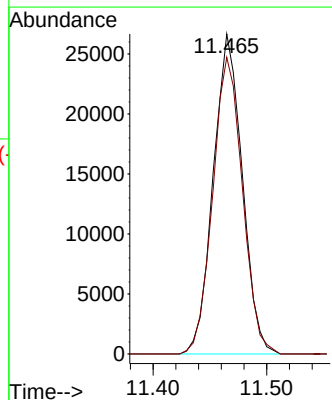
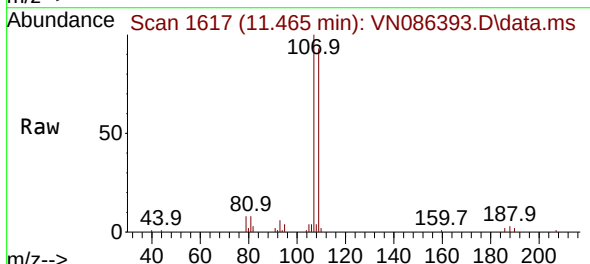
Manual Integrations
APPROVED

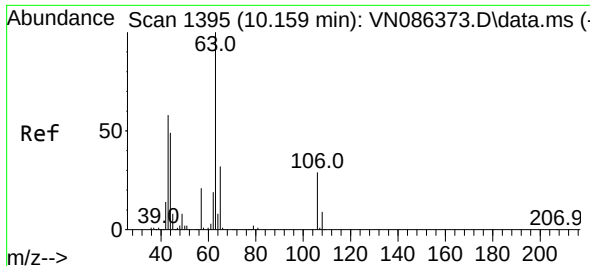
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#54
1,2-Dibromoethane
Concen: 19.189 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

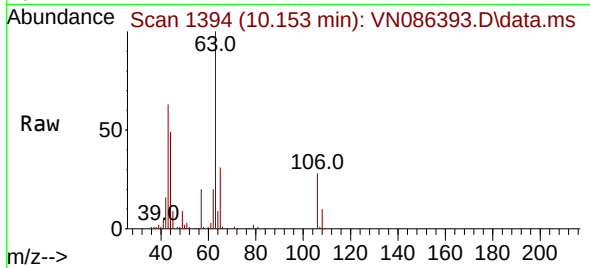
Tgt Ion:107 Resp: 47225
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 60.151 ug/l
RT: 10.153 min Scan# 119218
Delta R.T. -0.006 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

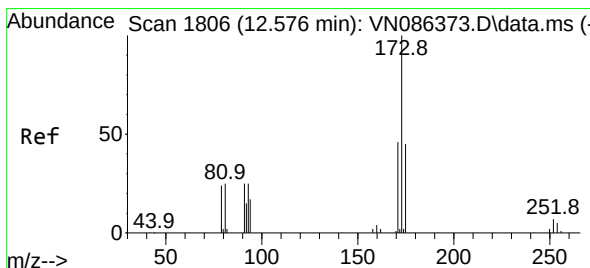
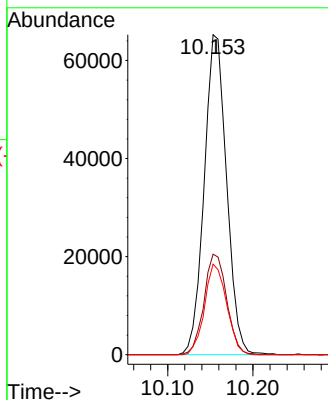
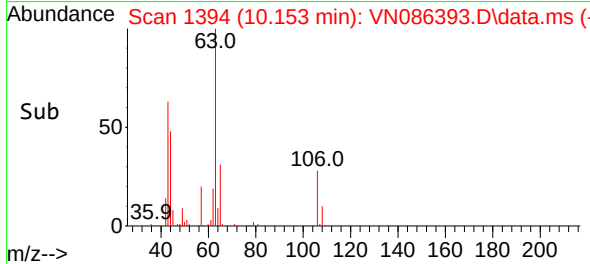
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



Tgt Ion: 63 Resp: 119218
Ion Ratio Lower Upper
63 100
65 31.8 25.7 38.5
106 27.8 22.3 33.5

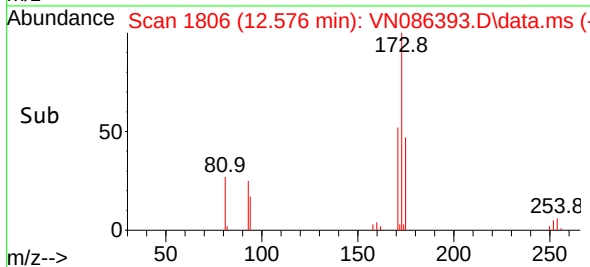
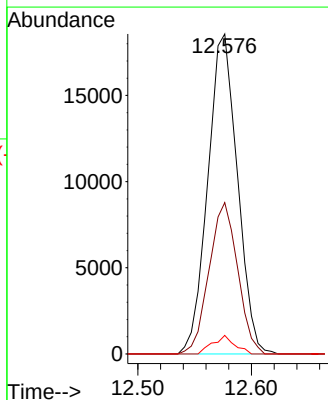
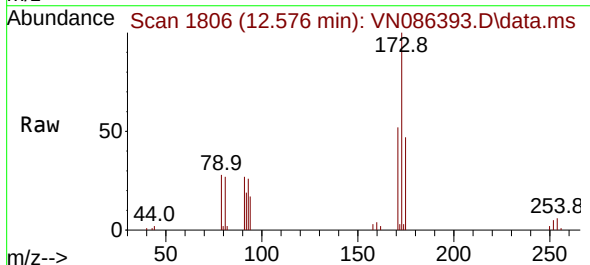
Manual Integrations
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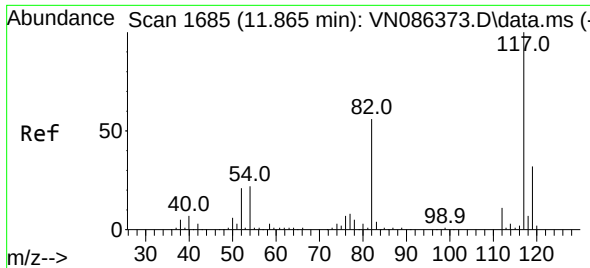
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#56
Bromoform
Concen: 19.076 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Tgt Ion:173 Resp: 33645
Ion Ratio Lower Upper
173 100
175 45.6 39.0 58.6
254 4.3 3.8 5.6





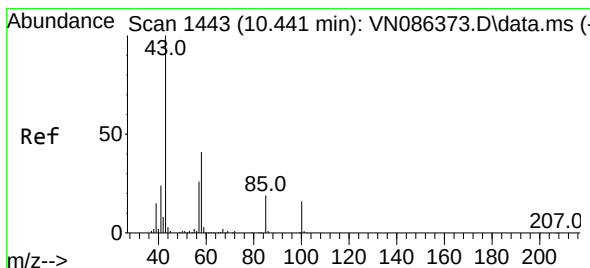
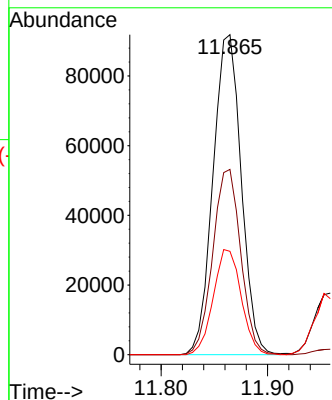
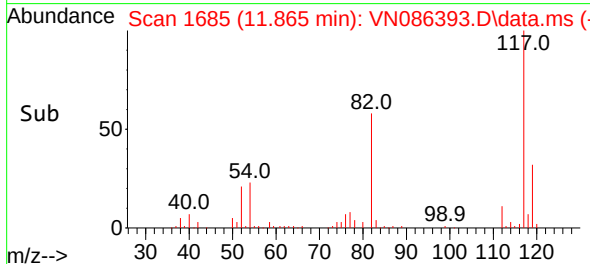
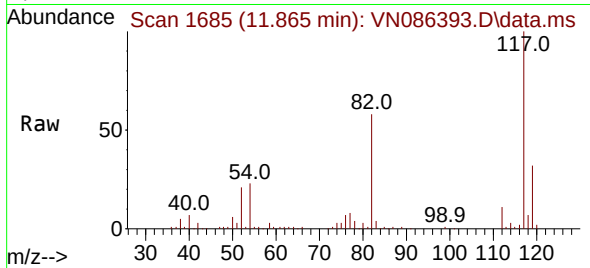
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01

Tgt Ion:117 Resp: 169214
Ion Ratio Lower Upper
117 100
82 57.4 45.5 68.3
119 32.5 25.9 38.9

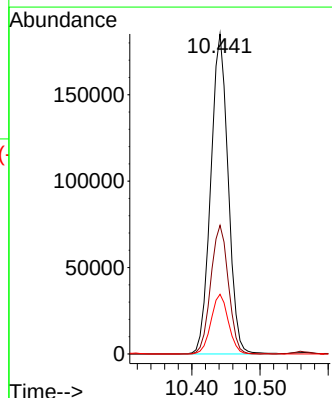
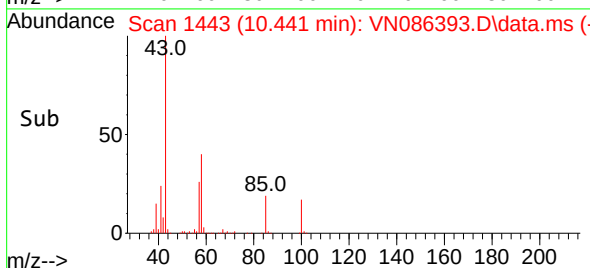
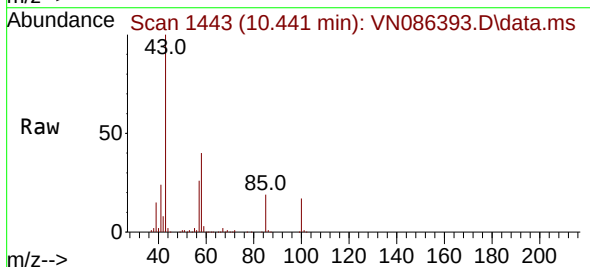
Manual Integrations
APPROVED

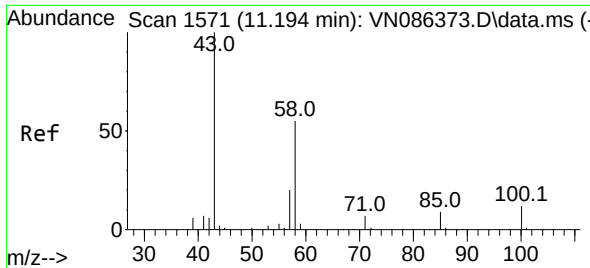
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#58
4-Methyl-2-Pentanone
Concen: 100.296 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

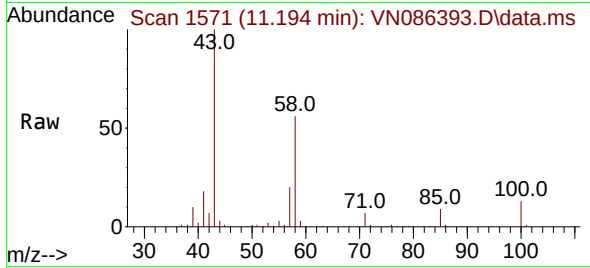
Tgt Ion: 43 Resp: 328424
Ion Ratio Lower Upper
43 100
58 40.8 33.0 49.6
85 18.5 14.9 22.3





#59
2-Hexanone
Concen: 100.190 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

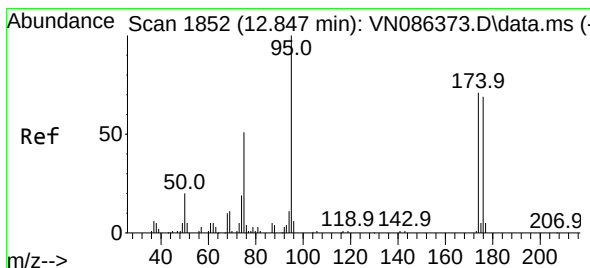
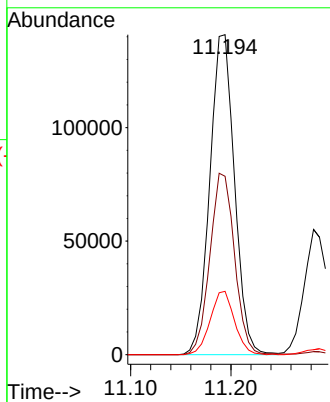
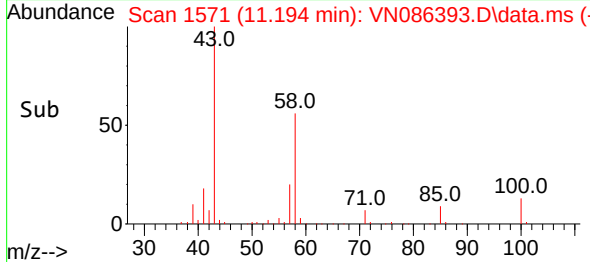
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



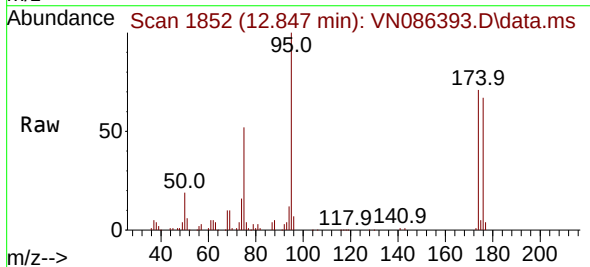
Tgt Ion: 43 Resp: 241768
Ion Ratio Lower Upper
43 100
58 56.7 45.0 67.6
57 19.5 15.5 23.3

Manual Integrations
APPROVED

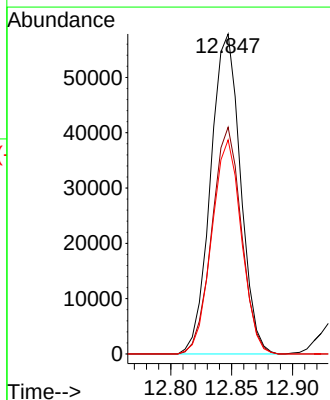
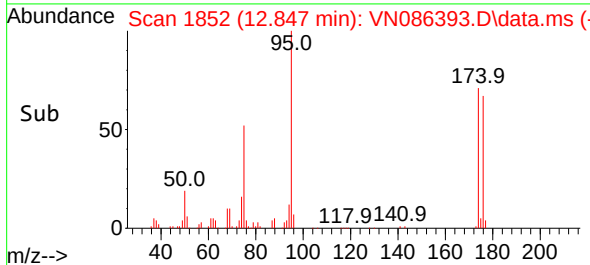
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

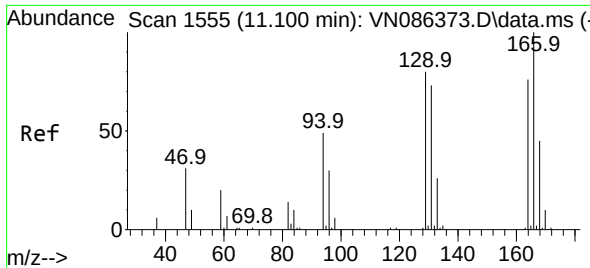


#60
4-Bromofluorobenzene
Concen: 29.704 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46



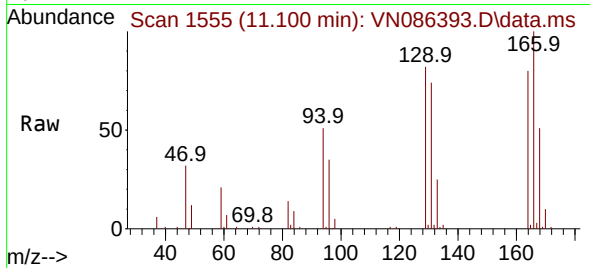
Tgt Ion: 95 Resp: 98790
Ion Ratio Lower Upper
95 100
174 70.0 56.6 84.8
176 66.5 53.3 79.9





#61
Tetrachloroethene
Concen: 19.195 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

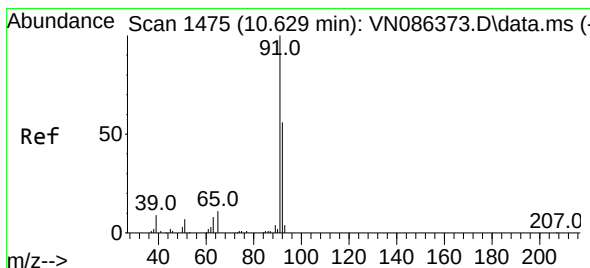
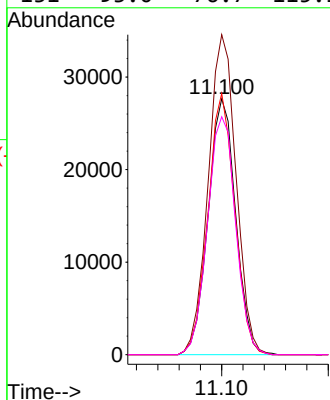
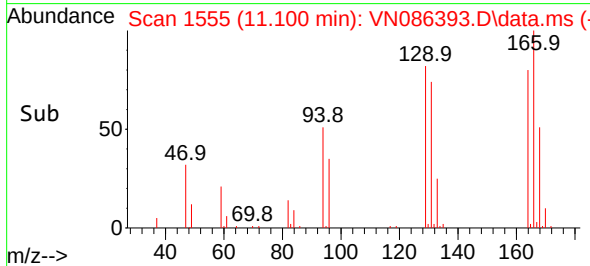
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



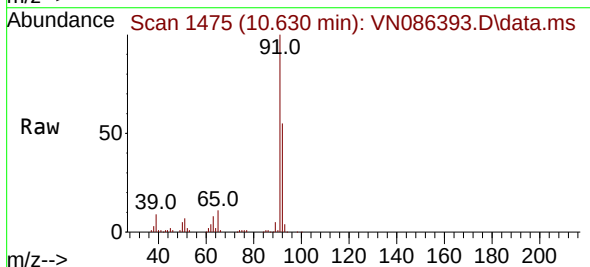
Tgt Ion:164 Resp: 49539
Ion Ratio Lower Upper
164 100
166 125.1 105.0 157.4
129 102.1 83.9 125.9
131 93.0 76.7 115.1

Manual Integrations
APPROVED

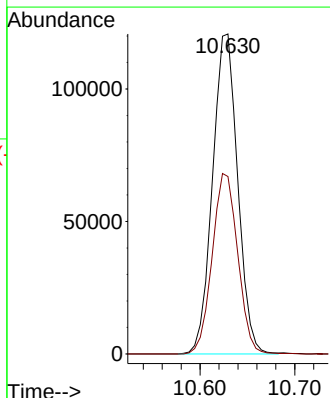
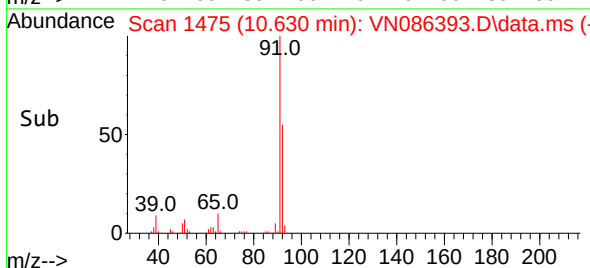
Reviewed By :John Carbone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

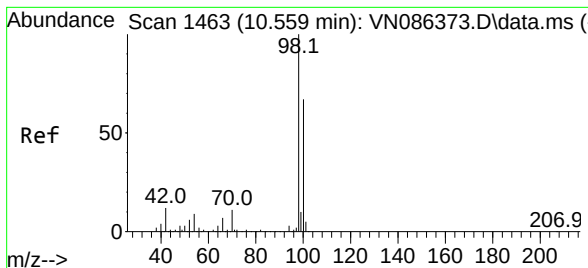


#62
Toluene
Concen: 19.686 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46



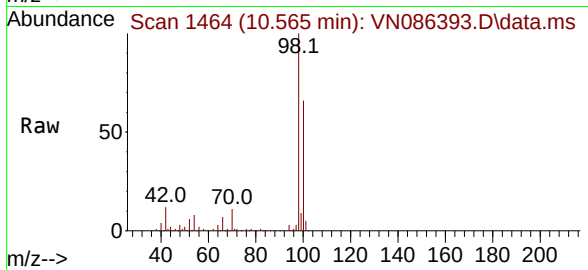
Tgt Ion: 91 Resp: 222975
Ion Ratio Lower Upper
91 100
92 57.2 45.7 68.5





#63
Toluene-d8
Concen: 30.316 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

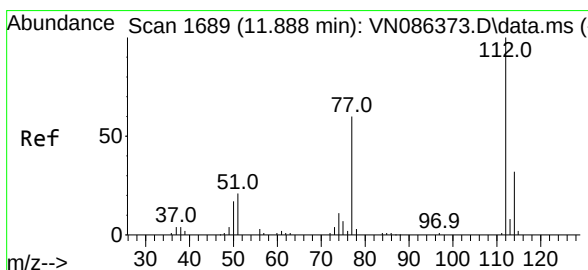
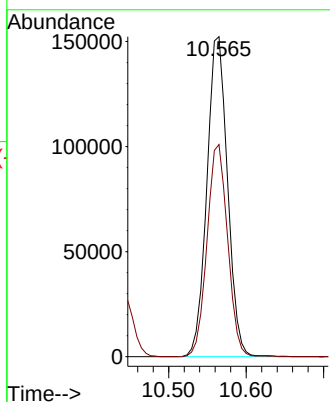
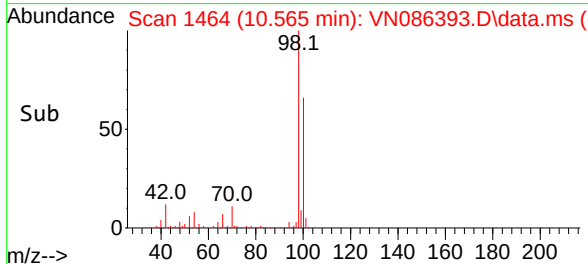
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



Tgt Ion: 98 Resp: 282210
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

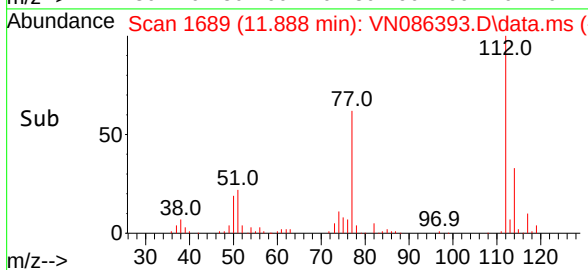
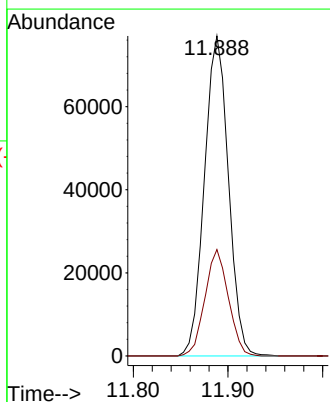
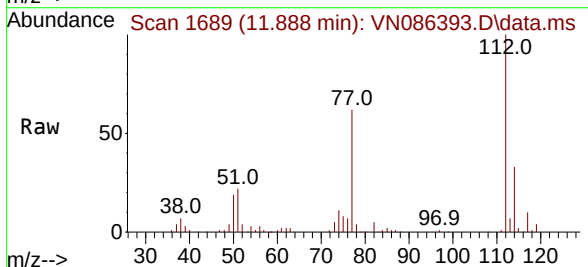
Manual Integrations
APPROVED

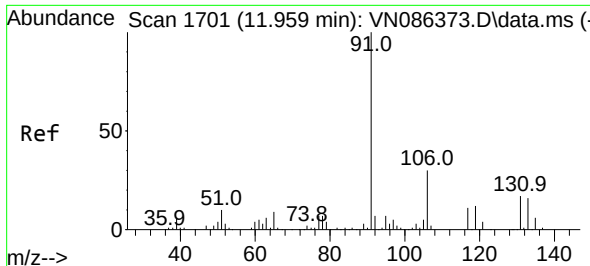
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Chlorobenzene
Concen: 19.239 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

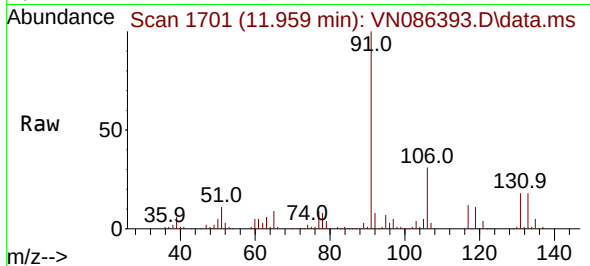
Tgt Ion:112 Resp: 135782
Ion Ratio Lower Upper
112 100
114 33.3 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.708 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

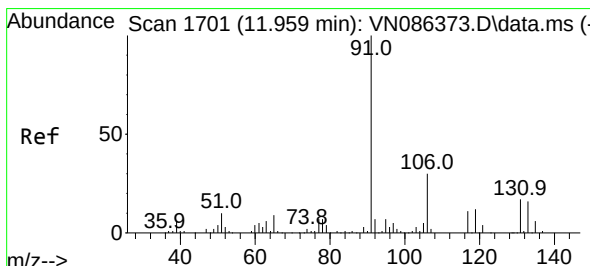
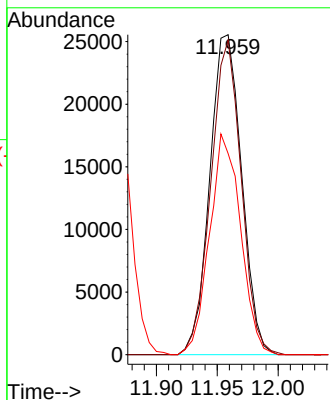
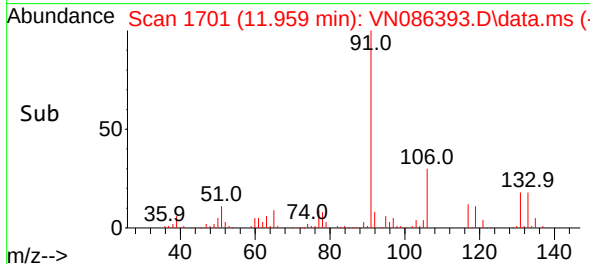
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



Tgt Ion:131 Resp: 4650
Ion Ratio Lower Upper
131 100
133 93.9 0.0 191.4
119 67.2 0.0 133.6

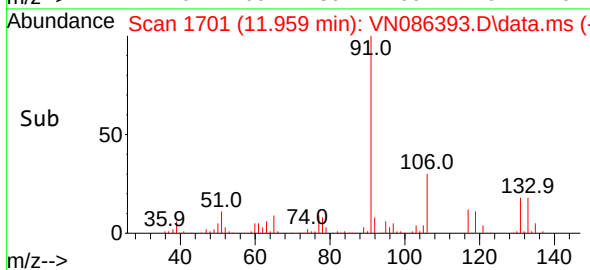
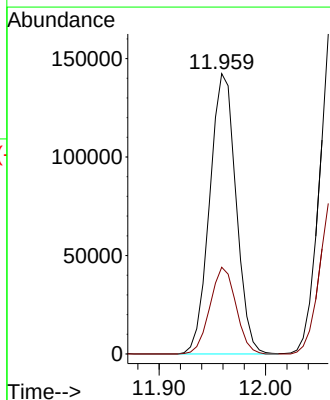
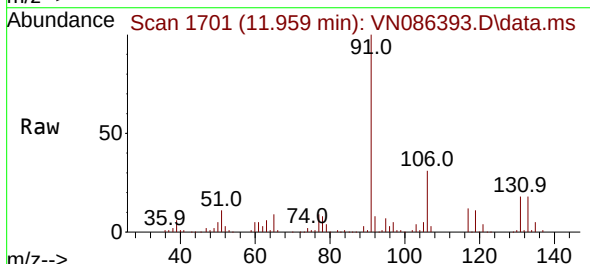
Manual Integrations
APPROVED

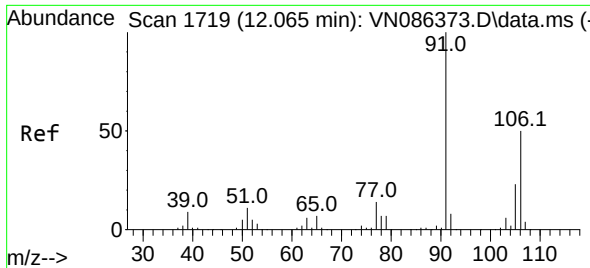
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#66
Ethyl Benzene
Concen: 19.216 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Tgt Ion: 91 Resp: 244984
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5





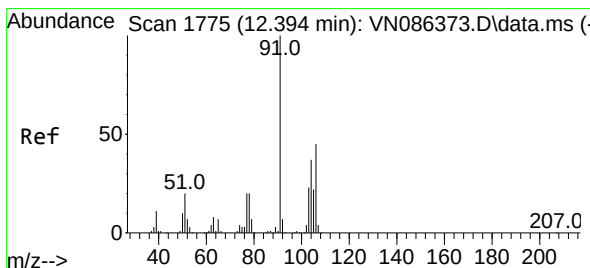
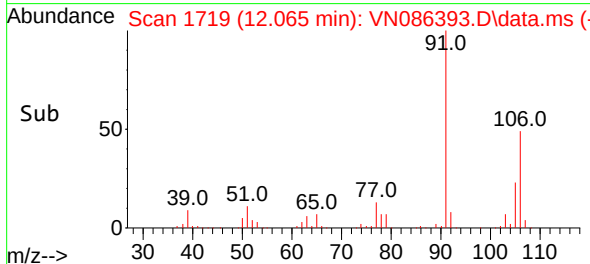
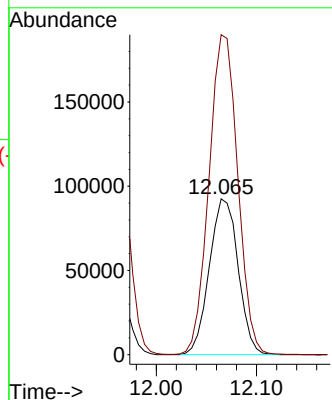
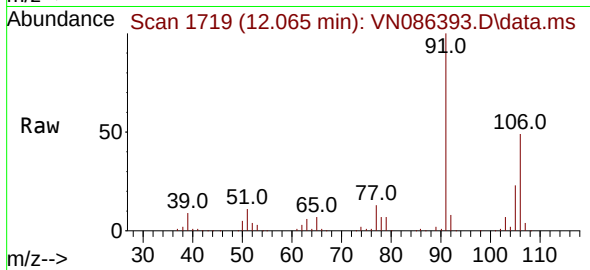
#67
m/p-Xylenes
Concen: 38.204 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01

Tgt Ion:106 Resp: 184808
Ion Ratio Lower Upper
106 100
91 205.2 162.6 243.8

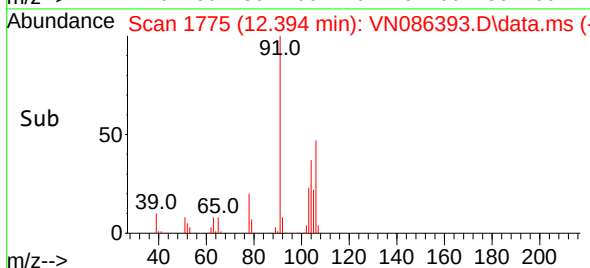
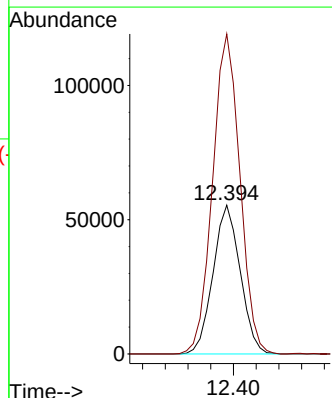
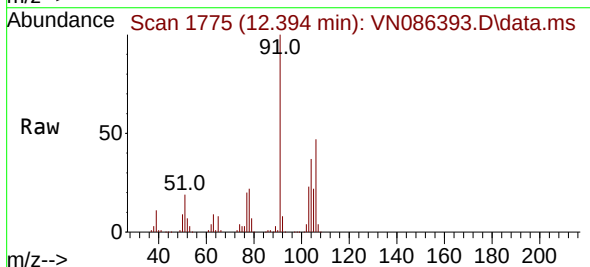
Manual Integrations
APPROVED

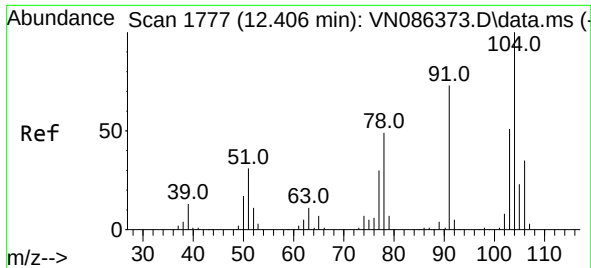
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#68
o-Xylene
Concen: 19.438 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Tgt Ion:106 Resp: 92067
Ion Ratio Lower Upper
106 100
91 215.8 110.6 331.6





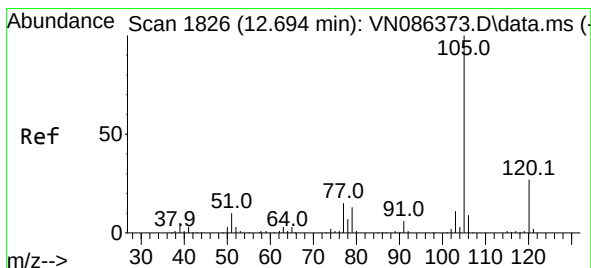
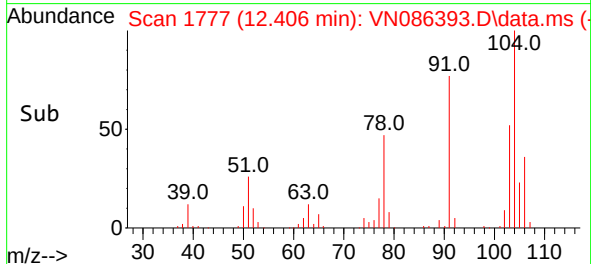
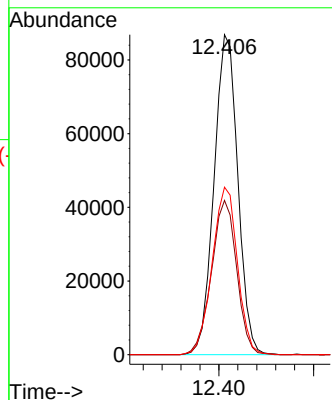
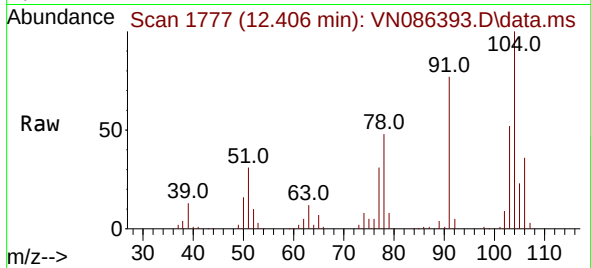
#69
Styrene
Concen: 18.869 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01

Tgt Ion:104 Resp: 15148
Ion Ratio Lower Upper
104 100
78 51.1 40.2 60.4
103 55.5 43.8 65.8

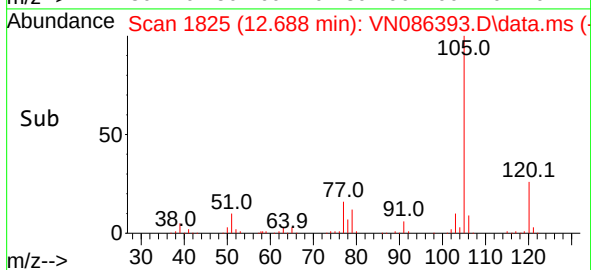
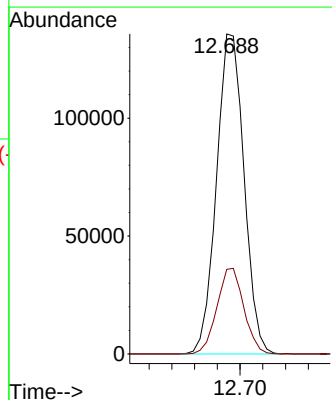
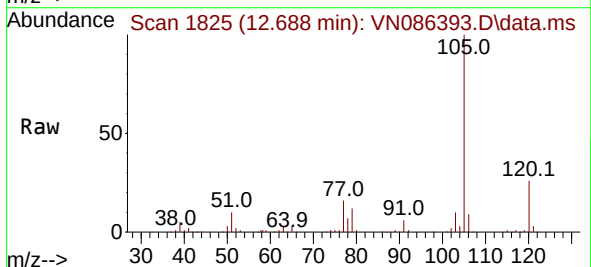
Manual Integrations
APPROVED

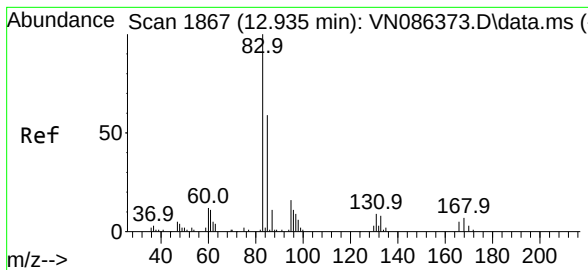
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#70
Isopropylbenzene
Concen: 19.339 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Tgt Ion:105 Resp: 228650
Ion Ratio Lower Upper
105 100
120 26.1 18.2 33.8





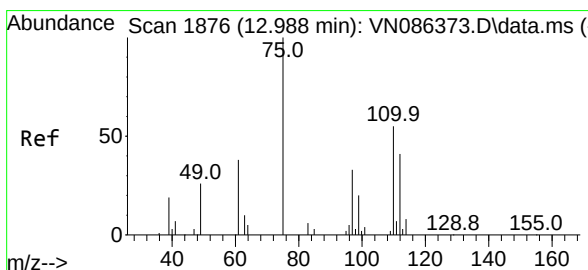
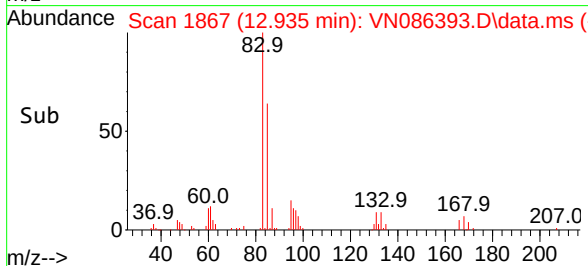
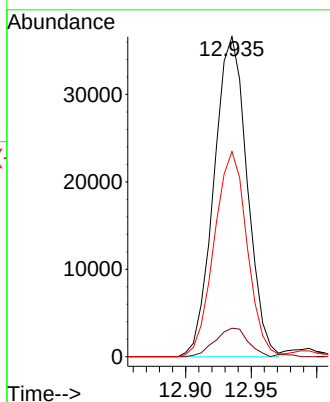
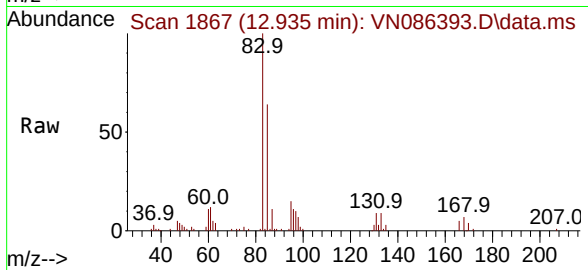
#71
1,1,2,2-Tetrachloroethane
Concen: 20.730 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01

Tgt Ion: 83 Resp: 6453
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.7
85 63.4 31.7 95.1

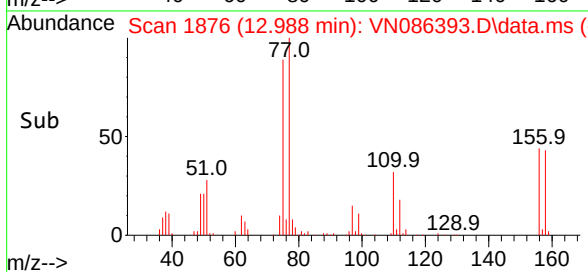
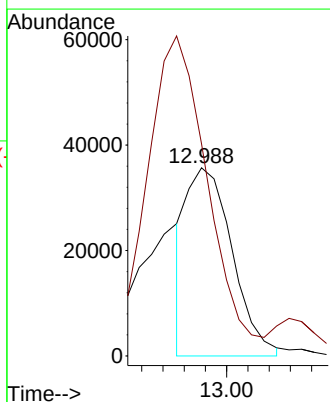
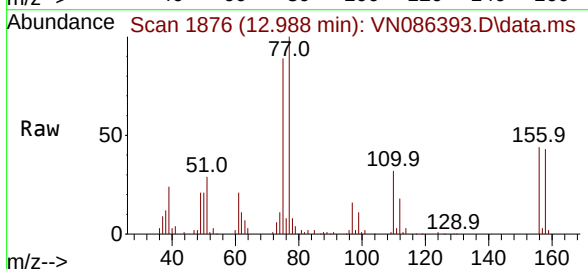
Manual Integrations
APPROVED

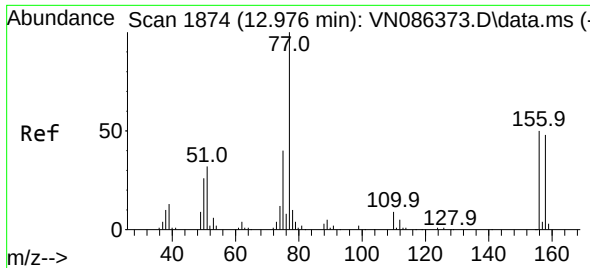
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#72
1,2,3-Trichloropropane
Concen: 19.637 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

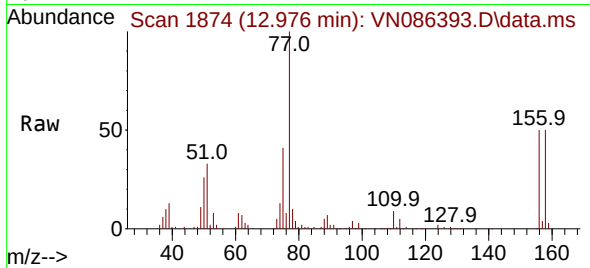
Tgt Ion: 75 Resp: 53299
Ion Ratio Lower Upper
75 100
77 228.3 0.0 464.4





#73
Bromobenzene
Concen: 19.164 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

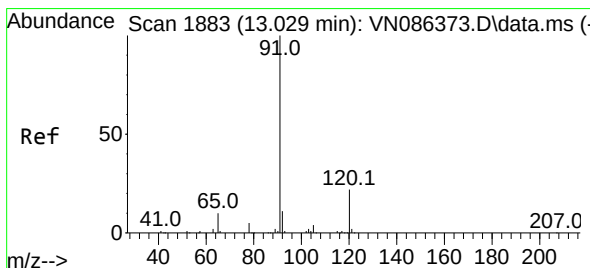
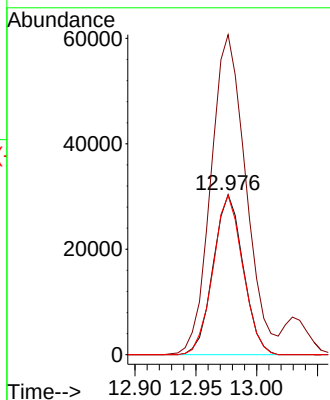
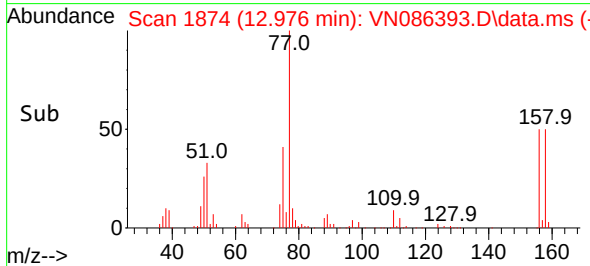
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



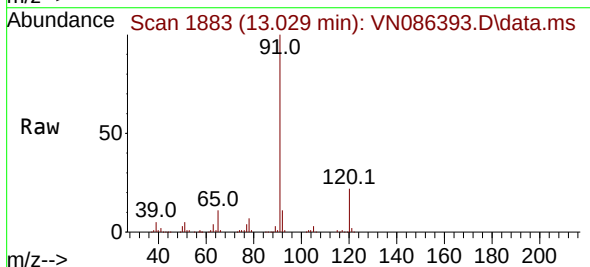
Tgt Ion:156 Resp: 52092
Ion Ratio Lower Upper
156 100
77 233.5 0.0 463.4
158 99.0 0.0 191.8

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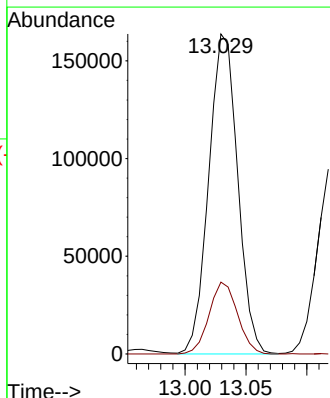
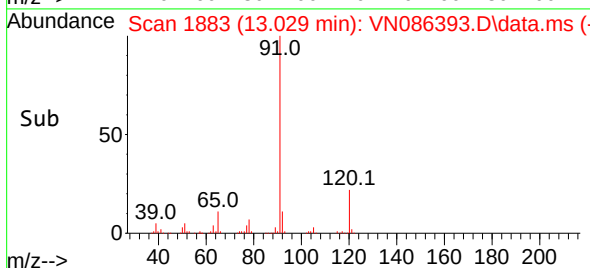
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

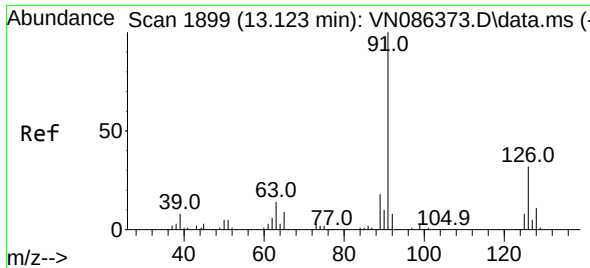


#74
n-propylbenzene
Concen: 19.250 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46



Tgt Ion: 91 Resp: 270460
Ion Ratio Lower Upper
91 100
120 22.0 0.0 43.8





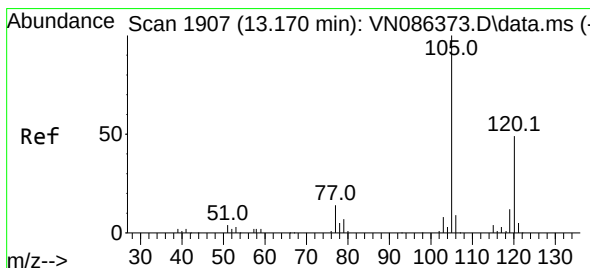
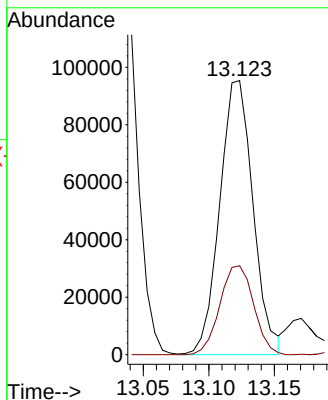
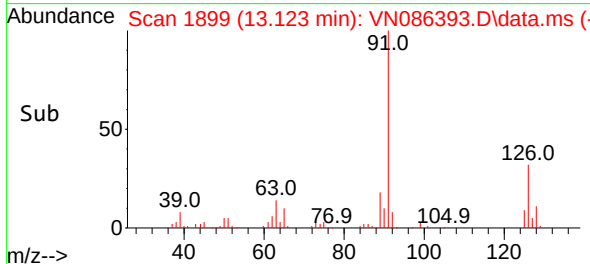
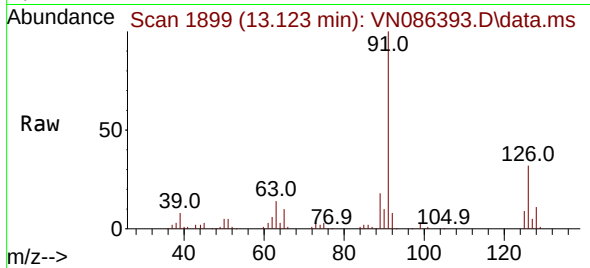
#75
2-Chlorotoluene
Concen: 19.252 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01

Tgt Ion: 91 Resp: 16884
Ion Ratio Lower Upper
91 100
126 32.8 0.0 65.0

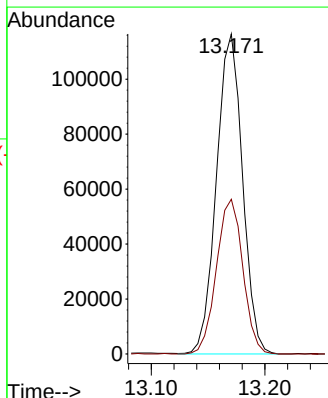
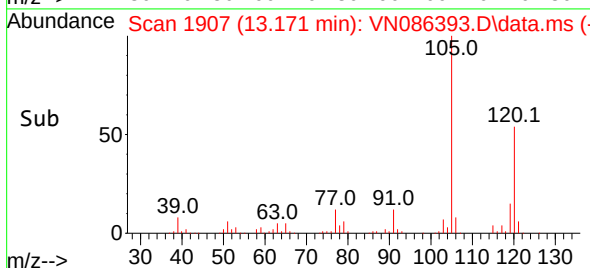
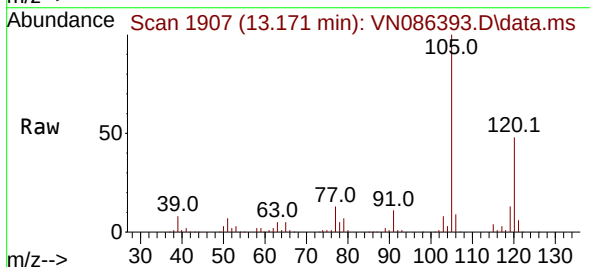
Manual Integrations
APPROVED

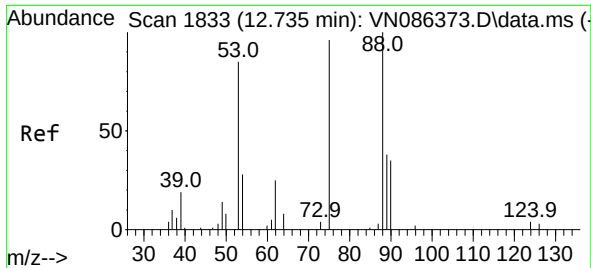
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.137 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

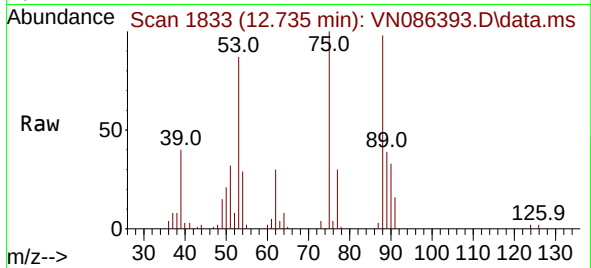
Tgt Ion:105 Resp: 185652
Ion Ratio Lower Upper
105 100
120 48.9 0.0 97.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.791 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

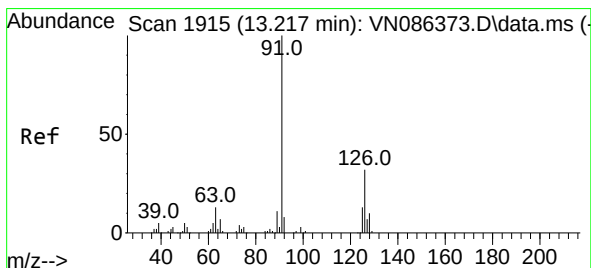
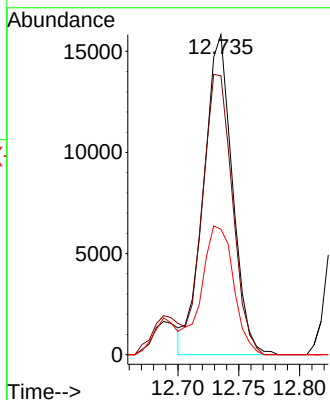
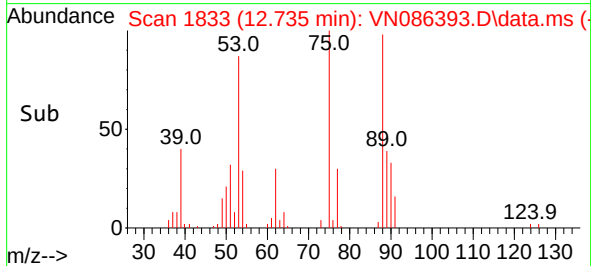
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



Tgt Ion: 75 Resp: 2588
Ion Ratio Lower Upper
75 100
53 87.2 46.0 138.0
89 39.2 21.6 64.6

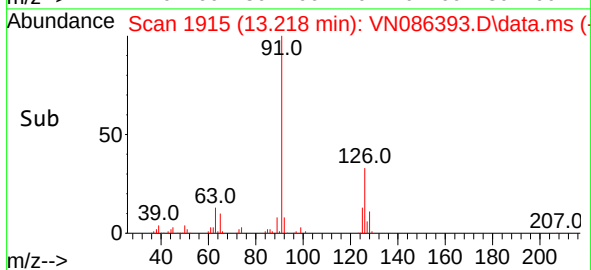
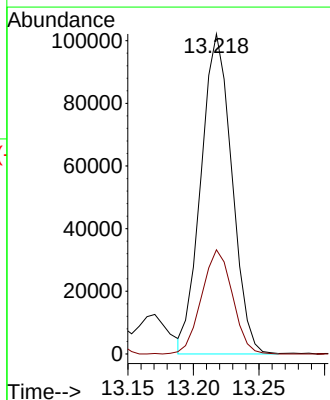
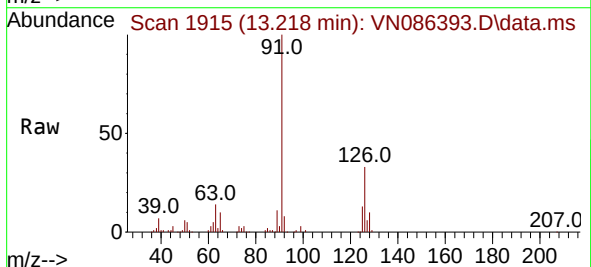
Manual Integrations
APPROVED

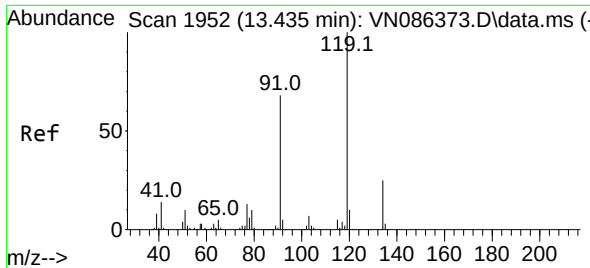
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#78
4-Chlorotoluene
Concen: 19.121 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

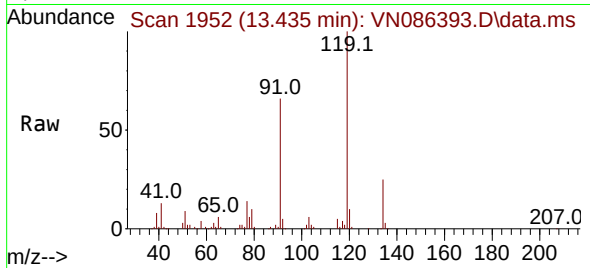
Tgt Ion: 91 Resp: 167685
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.4





#79
tert-butylbenzene
Concen: 19.361 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

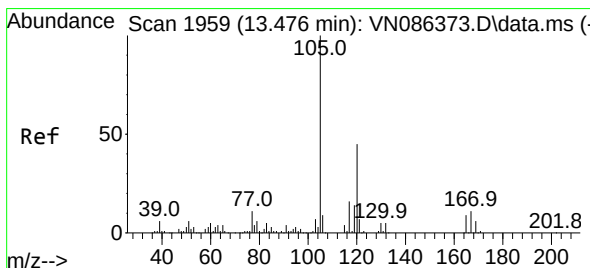
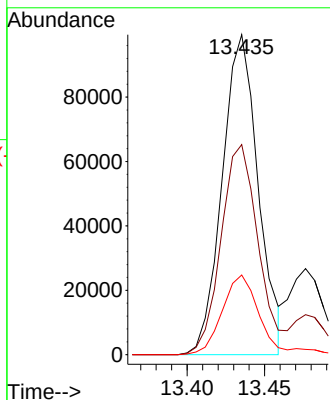
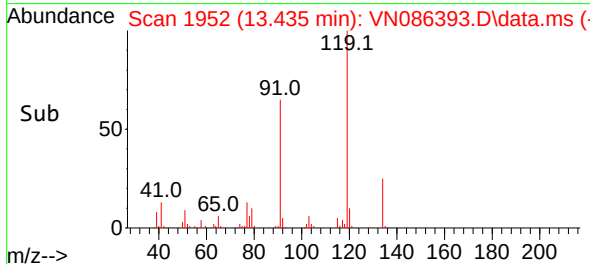
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



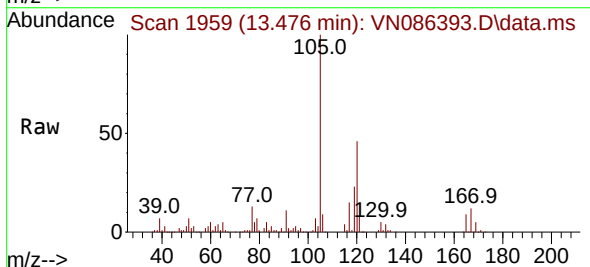
Tgt Ion:119 Resp: 160864
Ion Ratio Lower Upper
119 100
91 68.5 0.0 137.4
134 24.8 0.0 49.2

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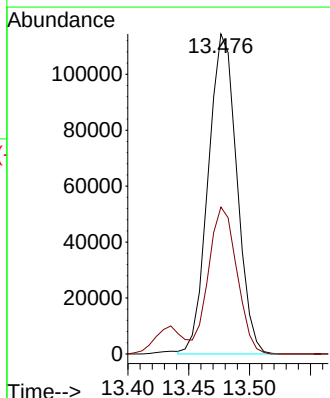
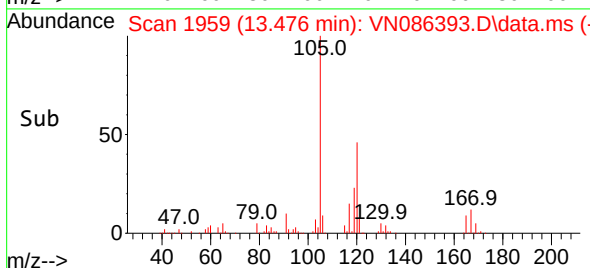
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

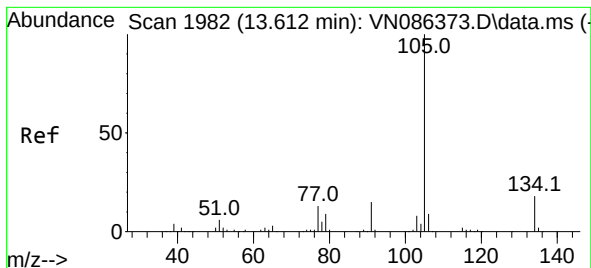


#80
1,2,4-Trimethylbenzene
Concen: 18.885 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46



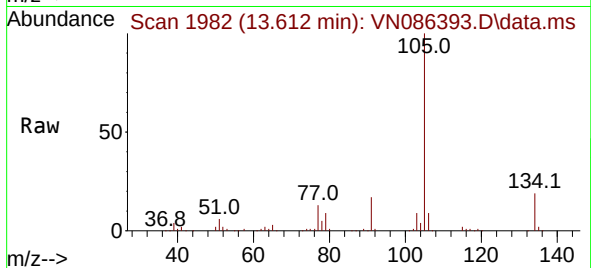
Tgt Ion:105 Resp: 187103
Ion Ratio Lower Upper
105 100
120 45.4 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 19.365 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086393.D
 Acq: 24 Apr 2025 11:46

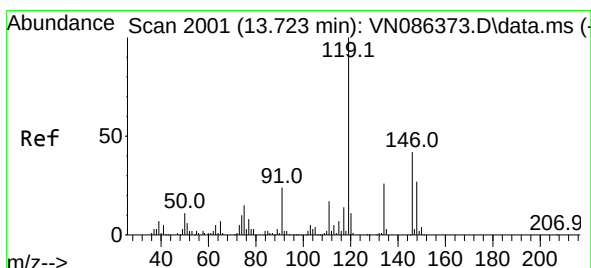
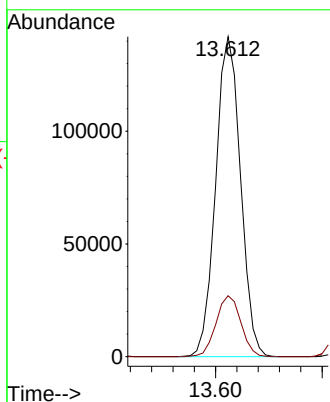
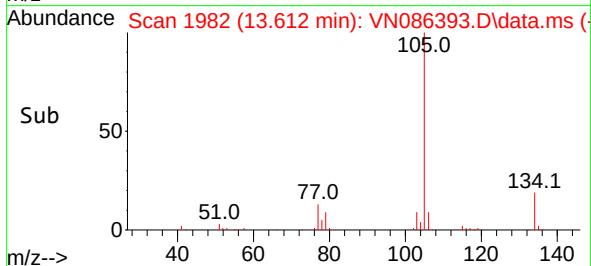
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBS01



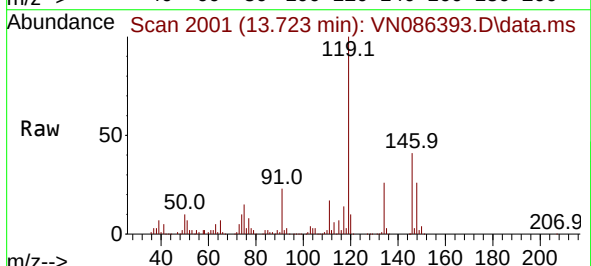
Tgt Ion:105 Resp: 229662
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.4

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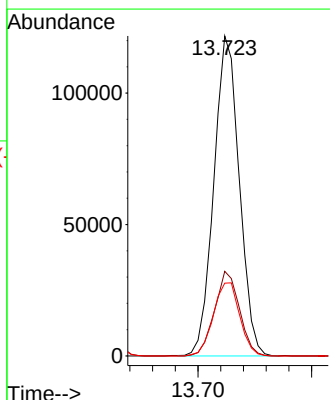
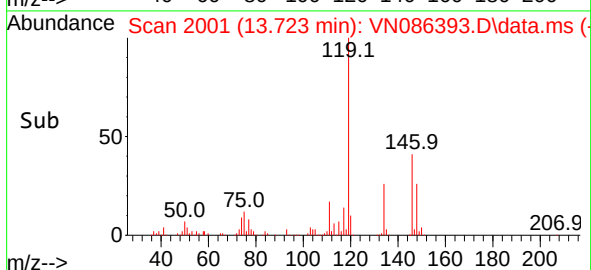
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025

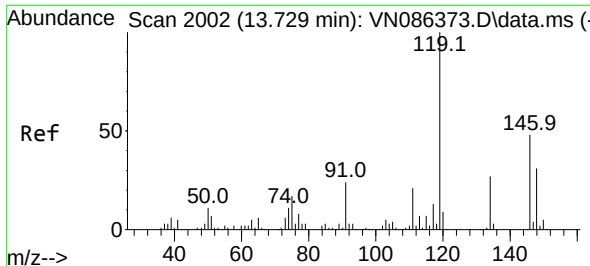


#82
 p-Isopropyltoluene
 Concen: 19.091 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086393.D
 Acq: 24 Apr 2025 11:46



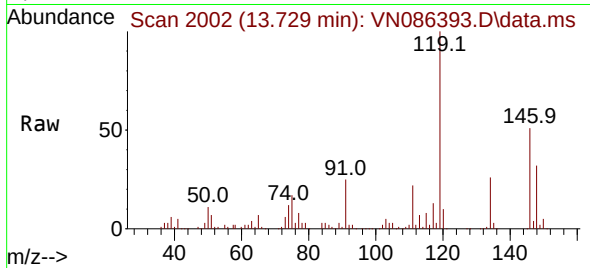
Tgt Ion:119 Resp: 189462
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.2
 91 23.8 0.0 47.6





#83
1,3-Dichlorobenzene
Concen: 19.166 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

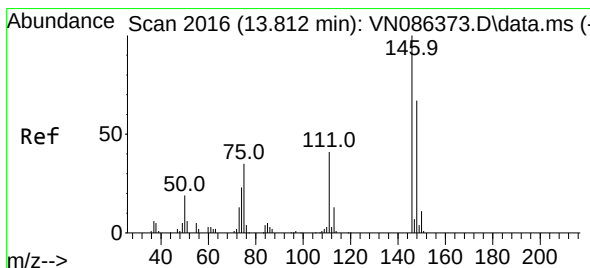
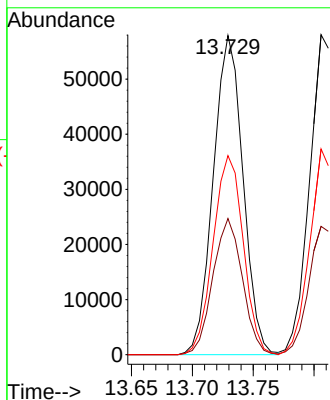
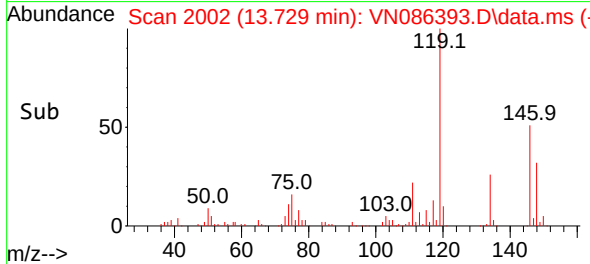
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



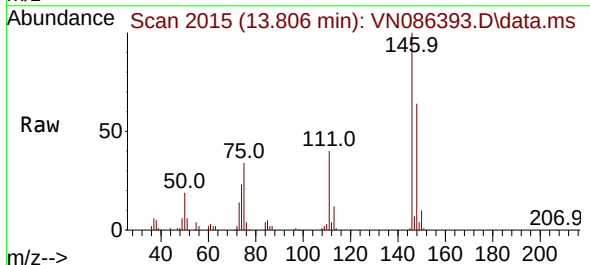
Tgt Ion:146 Resp: 98479
Ion Ratio Lower Upper
146 100
111 42.4 20.7 62.1
148 63.2 32.3 96.8

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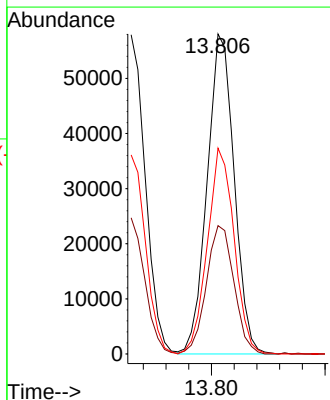
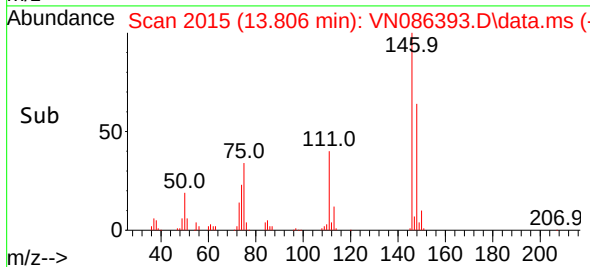
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

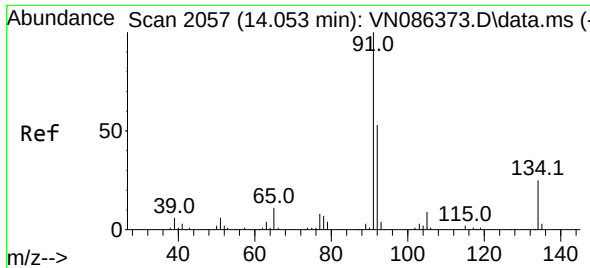


#84
1,4-Dichlorobenzene
Concen: 18.901 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46



Tgt Ion:146 Resp: 95957
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.8
148 63.7 32.4 97.2





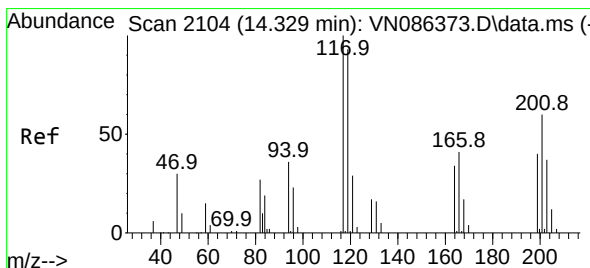
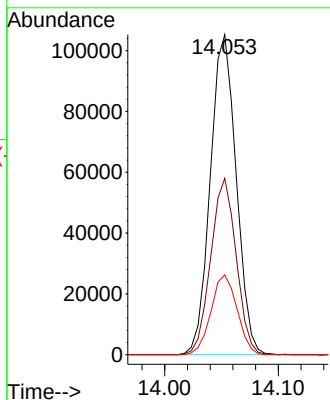
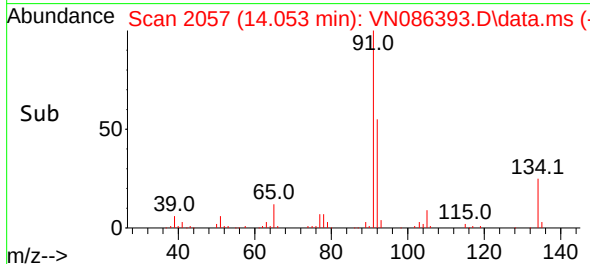
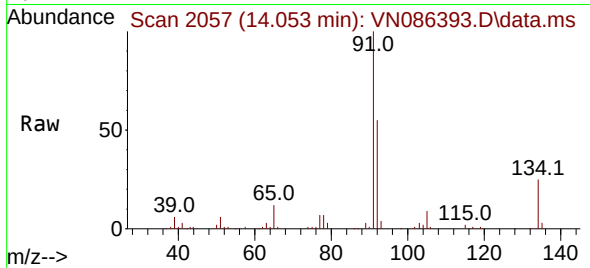
#85
n-Butylbenzene
Concen: 18.838 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01

Tgt Ion: 91 Resp: 16681
Ion Ratio Lower Upper
91 100
92 54.2 0.0 107.2
134 25.0 0.0 48.2

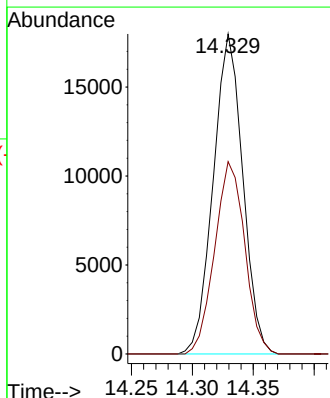
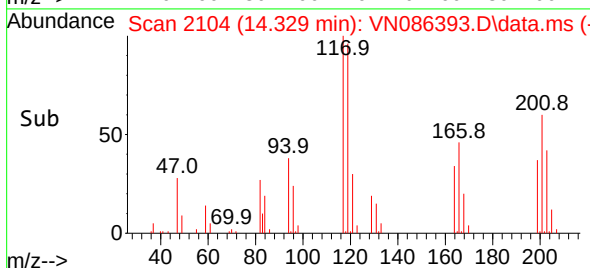
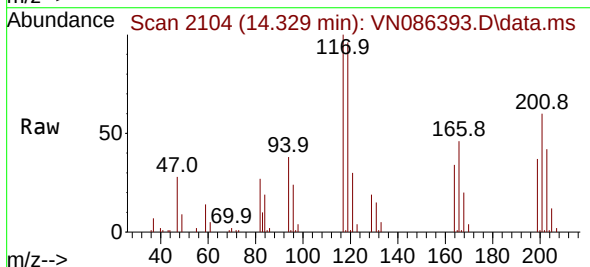
Manual Integrations
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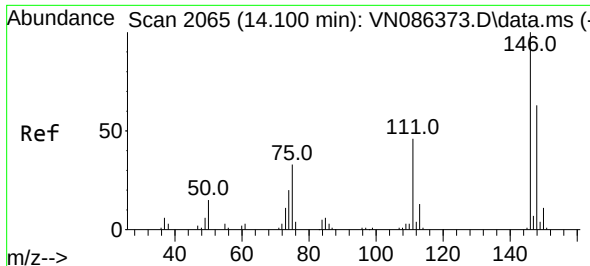
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#86
Hexachloroethane
Concen: 18.684 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

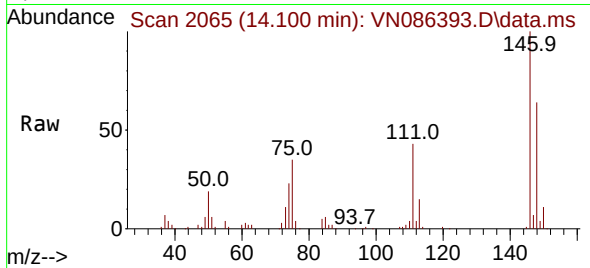
Tgt Ion:117 Resp: 30320
Ion Ratio Lower Upper
117 100
201 61.2 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 19.394 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

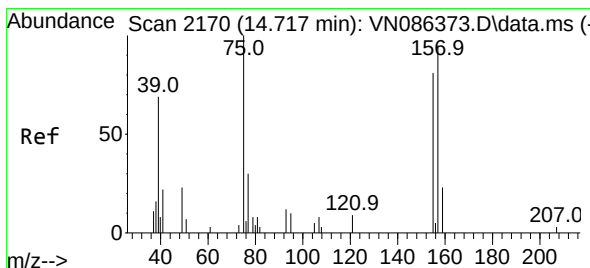
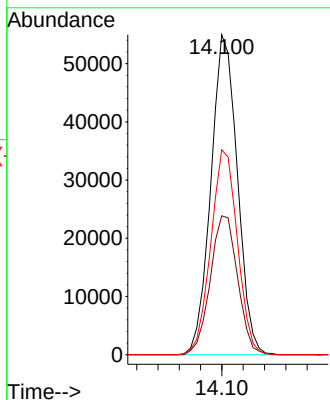
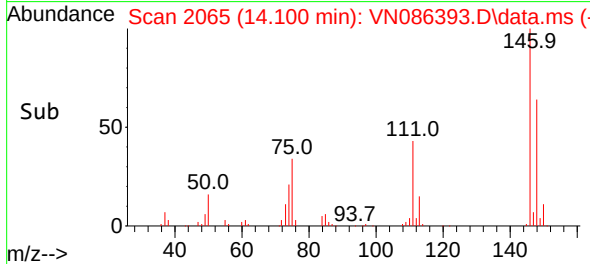
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



Tgt Ion:146 Resp: 94819
Ion Ratio Lower Upper
146 100
111 44.8 22.1 66.3
148 64.3 32.0 96.0

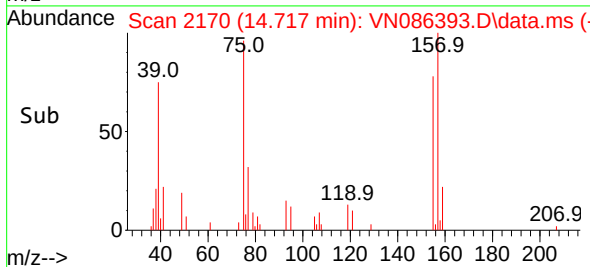
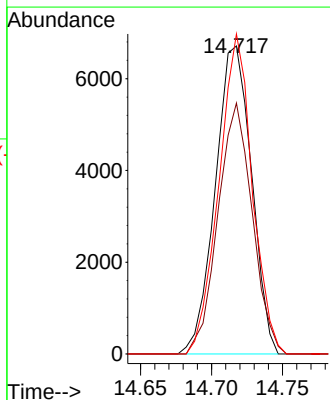
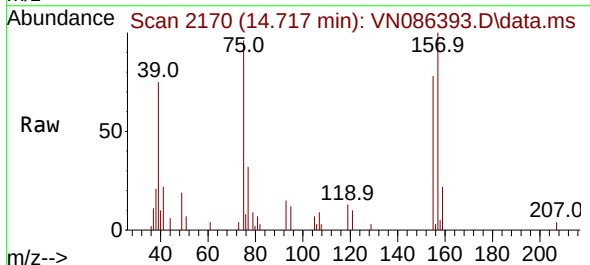
Manual Integrations
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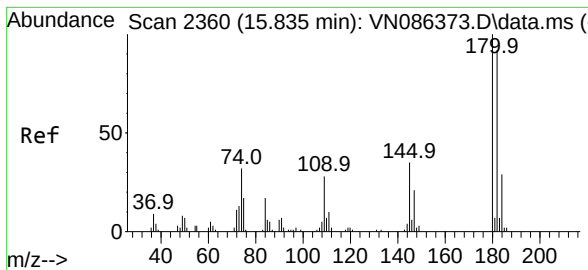
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.825 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

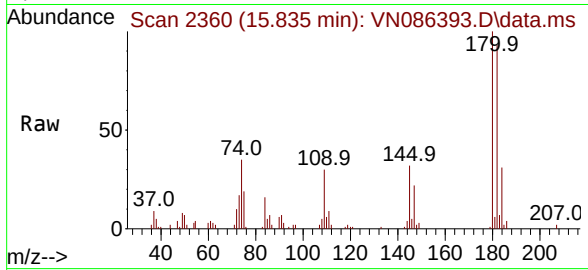
Tgt Ion: 75 Resp: 11912
Ion Ratio Lower Upper
75 100
155 77.1 64.0 96.0
157 95.5 78.2 117.4





#89
1,2,4-Trichlorobenzene
Concen: 19.185 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

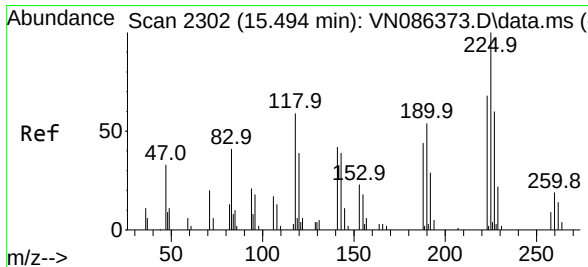
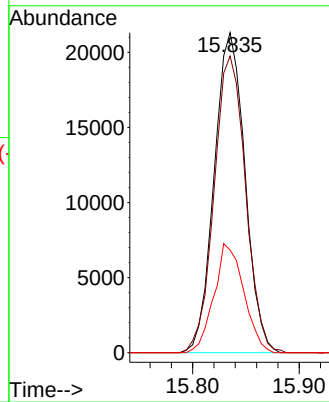
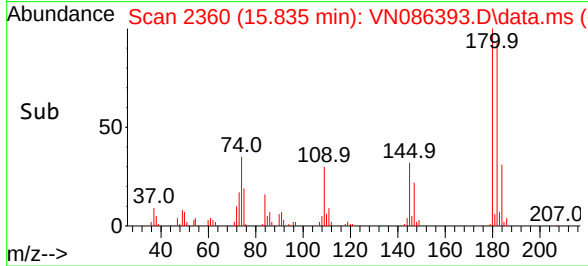
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



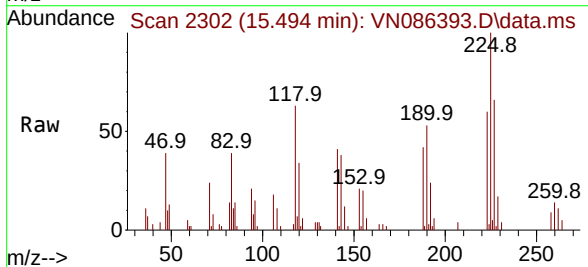
Tgt Ion:180 Resp: 42750
Ion Ratio Lower Upper
180 100
182 94.4 74.8 112.2
145 32.9 26.9 40.3

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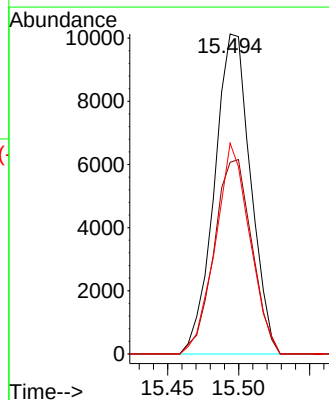
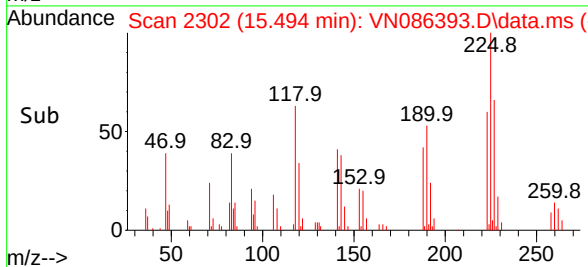
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

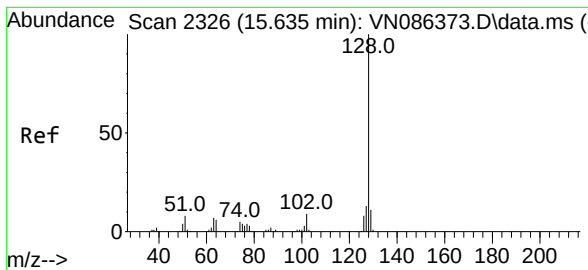


#90
Hexachlorobutadiene
Concen: 20.005 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46



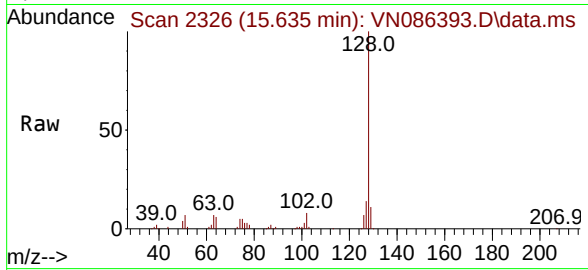
Tgt Ion:225 Resp: 17956
Ion Ratio Lower Upper
225 100
223 63.6 0.0 128.8
227 62.9 0.0 120.2





#91
Naphthalene
Concen: 18.353 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

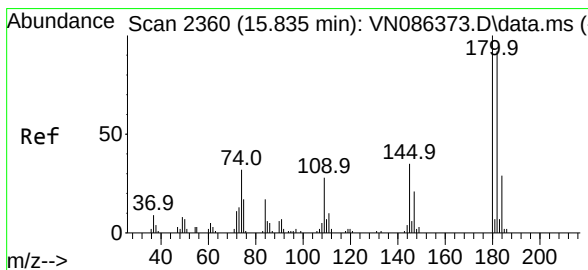
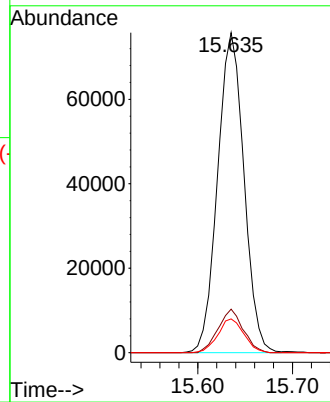
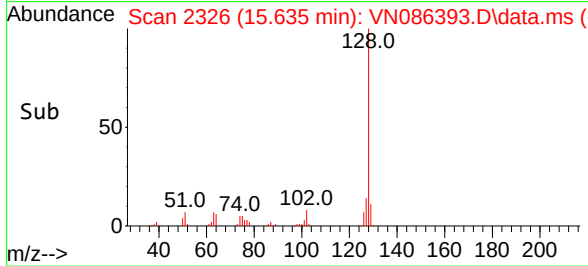
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBS01



Tgt Ion:128 Resp: 146410
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.4 8.7 13.1

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



#92
1,2,3-Trichlorobenzene
Concen: 19.185 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086393.D
Acq: 24 Apr 2025 11:46

Tgt Ion:180 Resp: 42750
Ion Ratio Lower Upper
180 100
182 94.4 0.0 187.0
145 32.9 0.0 67.2

