

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086663.D
 Acq On : 16 May 2025 12:46
 Operator : JC\MD
 Sample : VN0516WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

05/19/2025
 Supervised By :Mahesh
 Dadoda

Quant Time: May 16 23:02:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	28926	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	168023	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	156348	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	81302	29.153	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.167%
60) 4-Bromofluorobenzene	12.847	95	88889	28.927	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.433%
63) Toluene-d8	10.565	98	254023	29.533	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.433%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38036	19.046	ug/l	94
3) Chloromethane	2.360	50	52153	18.385	ug/l	100
4) Vinyl Chloride	2.512	62	48184	17.735	ug/l	95
5) Bromomethane	2.959	94	28936	20.399	ug/l	95
6) Chloroethane	3.124	64	32947	18.190	ug/l	93
7) Trichlorofluoromethane	3.495	101	62450	19.473	ug/l	97
8) Diethyl Ether	3.959	74	27019	19.959	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	38445	19.500	ug/l	97
10) 1,1-Dichloroethene	4.336	96	39596	19.622	ug/l	93
11) Methyl Iodide	4.589	142	43465	18.409	ug/l	98
12) Methyl Acetate	5.024	43	63075	22.052	ug/l	96
13) Acrolein	4.177	56	16854	129.050	ug/l	100
14) Acrylonitrile	5.712	53	115846	108.824	ug/l	99
15) Acetone	4.424	58	30442	103.779	ug/l	77
16) Carbon Disulfide	4.712	76	95385	17.938	ug/l	98
17) Allyl chloride	5.024	41	60932	18.884	ug/l	94
18) Methylene Chloride	5.277	84	46968	20.438	ug/l	96
19) trans-1,2-Dichloroethene	5.789	96	41117	19.116	ug/l	96
20) Diisopropyl ether	6.671	45	145988	19.029	ug/l	96
21) 1,1-Dichloroethane	6.565	63	81445	19.394	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	52993	19.704	ug/l	94
23) tert-Butyl Alcohol	5.512	59	46769	113.412	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	147932	19.841	ug/l	97
25) Chloroform	7.965	83	84035	19.772	ug/l	94
26) Cyclohexane	8.253	56	64146	17.299	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	56468	19.063	ug/l	100
30) 2-Butanone	7.483	43	152288	105.923	ug/l	98
31) 2,2-Dichloropropane	7.489	77	71297	18.724	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	69934	19.757	ug/l	98
33) Carbon Tetrachloride	8.359	117	57211	19.634	ug/l	97
34) Benzene	8.600	78	189486	20.112	ug/l	96
35) Methacrylonitrile	7.771	41	35450	21.615	ug/l	99
36) 1,2-Dichloroethane	8.665	62	62391	20.397	ug/l	98
37) Trichloroethene	9.347	130	46337	19.646	ug/l	92
38) Methylcyclohexane	9.600	83	61208	17.892	ug/l	99
39) 1,2-Dichloropropane	9.618	63	46373	19.924	ug/l	93
40) Dibromomethane	9.706	93	32378	20.802	ug/l	97
41) Bromodichloromethane	9.888	83	66477	20.182	ug/l	96
42) Vinyl Acetate	6.600	43	501487	100.692	ug/l	98

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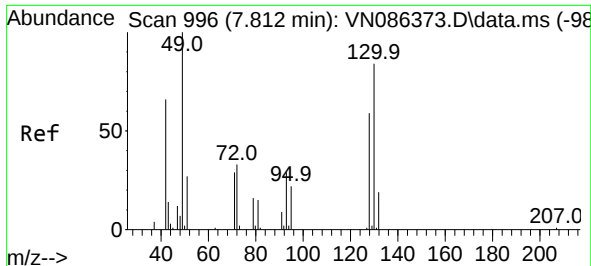
Reviewed By :John
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Quant Time: May 16 23:02:20 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	57430	20.185	ug/l	96
44) Isopropyl Acetate	8.689	43	110043	20.378	ug/l	100
45) 1,4-Dioxane	9.694	88	20269	481.083	ug/l	97
46) Methyl methacrylate	9.677	41	48285	19.385	ug/l	94
47) n-amyl Acetate	12.494	43	89706	19.491	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	70769	19.218	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	74796	19.261	ug/l	91
50) 1,1,2-Trichloroethane	11.018	97	45950	21.135	ug/l	97
51) Ethyl methacrylate	10.871	69	74477	19.669	ug/l	95
52) 1,3-Dichloropropane	11.159	76	78765	20.499	ug/l	99
53) Dibromochloromethane	11.353	129	49021	20.080	ug/l	99
54) 1,2-Dibromoethane	11.465	107	45566	20.613	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	167035	93.829	ug/l	99
56) Bromoform	12.577	173	31950	20.168	ug/l #	99
58) 4-Methyl-2-Pentanone	10.441	43	315116	104.151	ug/l	99
59) 2-Hexanone	11.194	43	232893	104.454	ug/l	98
61) Tetrachloroethene	11.100	164	47402	19.878	ug/l	94
62) Toluene	10.630	91	206502	19.732	ug/l	99
64) Chlorobenzene	11.888	112	131310	20.137	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	44211	20.277	ug/l	100
66) Ethyl Benzene	11.959	91	226147	19.198	ug/l	99
67) m/p-Xylenes	12.065	106	173274	38.767	ug/l	99
68) o-Xylene	12.394	106	85228	19.475	ug/l	96
69) Styrene	12.406	104	143664	19.368	ug/l	100
70) Isopropylbenzene	12.694	105	207805	19.022	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	65762	22.862	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	53982m	21.526	ug/l	
73) Bromobenzene	12.976	156	51411	20.470	ug/l	97
74) n-propylbenzene	13.029	91	241796	18.626	ug/l	99
75) 2-Chlorotoluene	13.124	91	156263	19.283	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	166994	18.630	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	23291	18.300	ug/l	98
78) 4-Chlorotoluene	13.218	91	155443	19.184	ug/l	100
79) tert-butylbenzene	13.435	119	143723	18.722	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	172040	18.793	ug/l	98
81) sec-Butylbenzene	13.612	105	200667	18.312	ug/l	98
82) p-Isopropyltoluene	13.724	119	167166	18.231	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	91169	19.203	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	90263	19.243	ug/l	100
85) n-Butylbenzene	14.053	91	140656	17.191	ug/l	99
86) Hexachloroethane	14.329	117	27359	18.247	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	90456	20.024	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	11214	19.180	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	38535	18.716	ug/l	97
90) Hexachlorobutadiene	15.500	225	16749	20.196	ug/l	98
91) Naphthalene	15.635	128	136046	18.457	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	38535	18.716	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

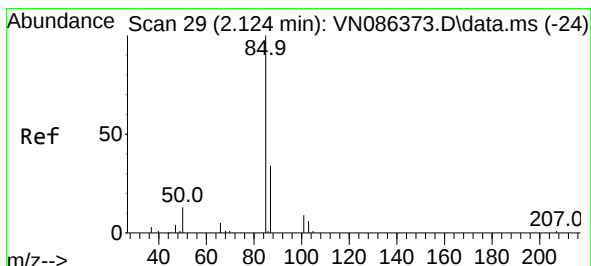
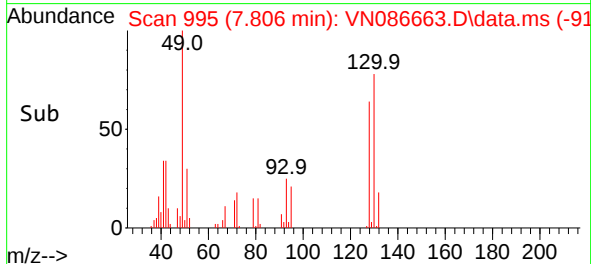
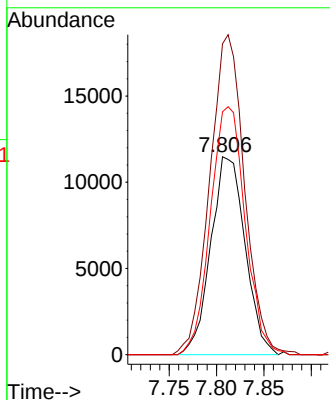
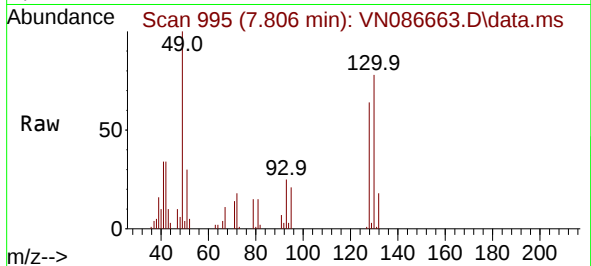
Tgt Ion:128 Resp: 28920
Ion Ratio Lower Upper
128 100
49 164.0 0.0 433.8
130 127.2 0.0 325.0

Manual Integrations
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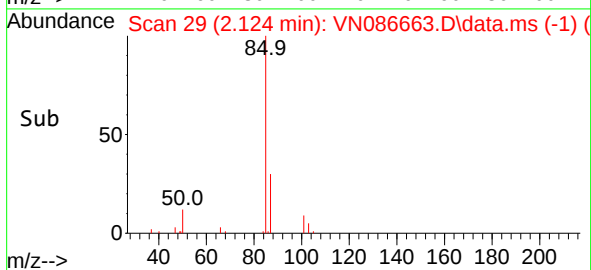
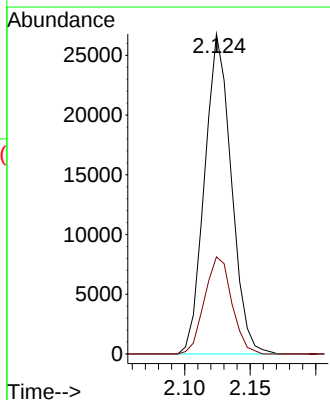
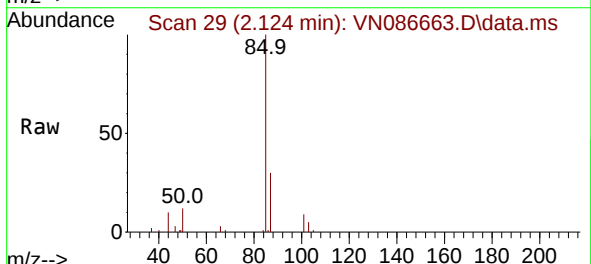
05/19/2025
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Dadoda

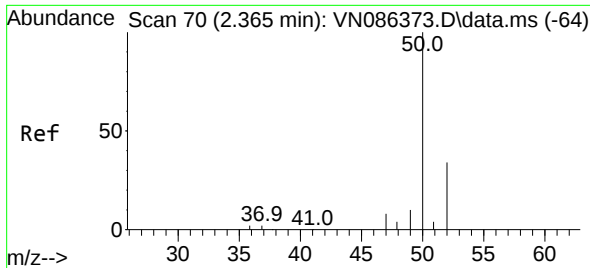
05/19/2025



#2
Dichlorodifluoromethane
Concen: 19.046 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 85 Resp: 38036
Ion Ratio Lower Upper
85 100
87 30.4 17.0 50.9





#3
Chloromethane
Concen: 18.385 ug/l
RT: 2.360 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

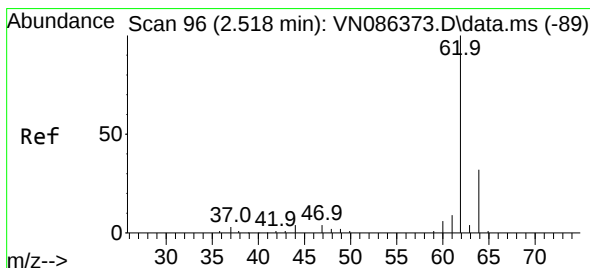
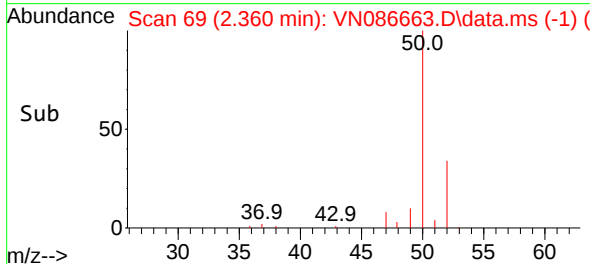
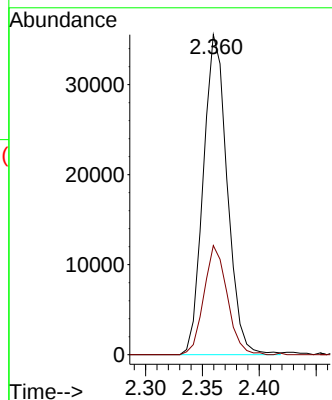
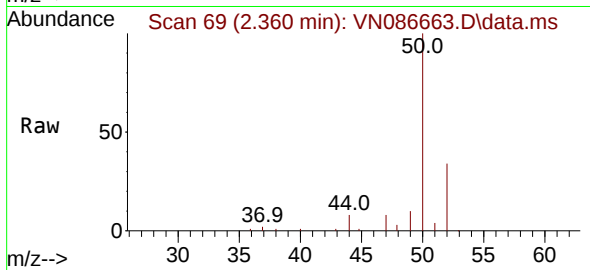
Tgt Ion: 50 Resp: 5215
Ion Ratio Lower Upper
50 100
52 34.1 27.3 40.9

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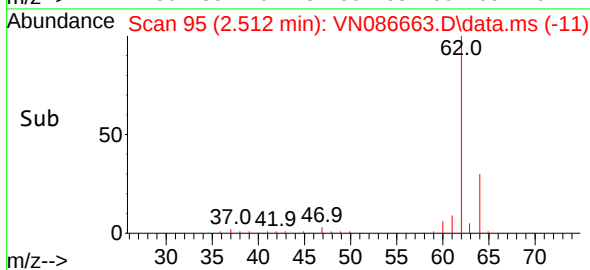
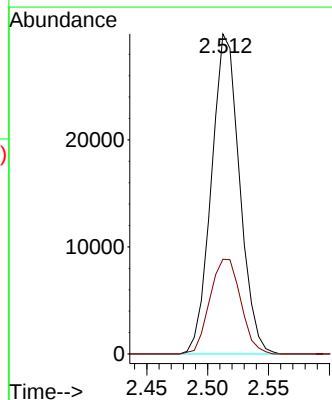
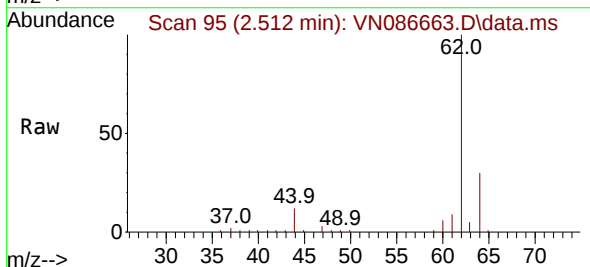
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Dadoda

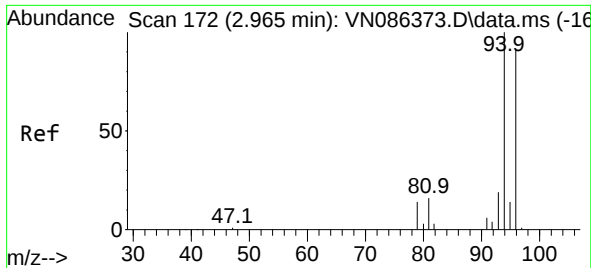
05/19/2025



#4
Vinyl Chloride
Concen: 17.735 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 62 Resp: 48184
Ion Ratio Lower Upper
62 100
64 29.6 25.8 38.8





#5
Bromomethane
Concen: 20.399 ug/l
RT: 2.959 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

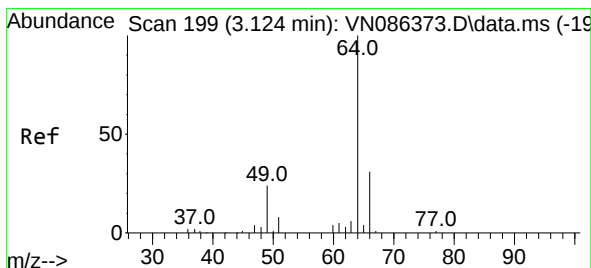
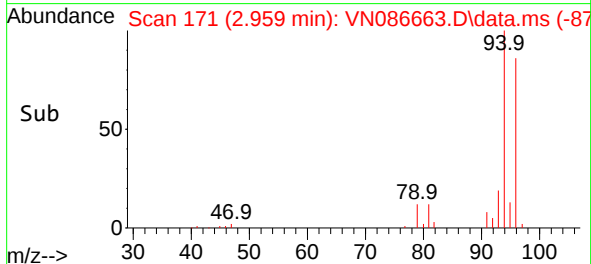
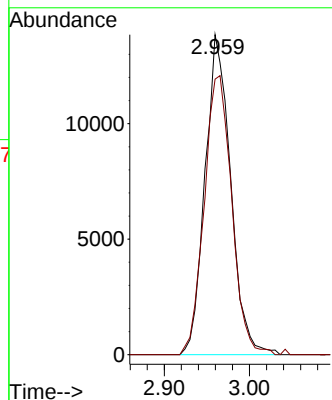
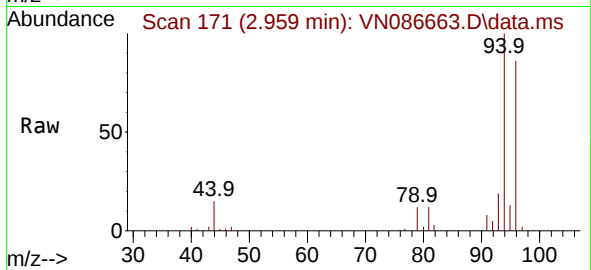
Tgt Ion: 94 Resp: 28930
Ion Ratio Lower Upper
94 100
96 86.1 72.4 108.6

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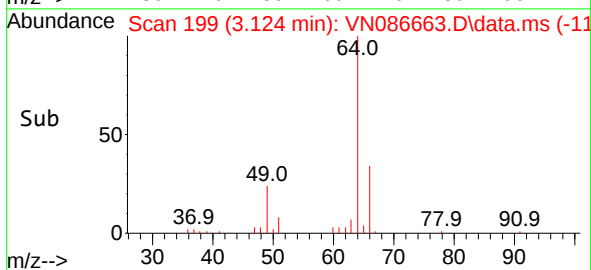
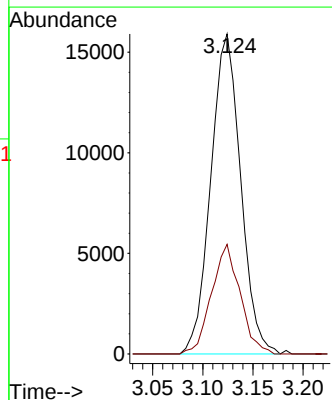
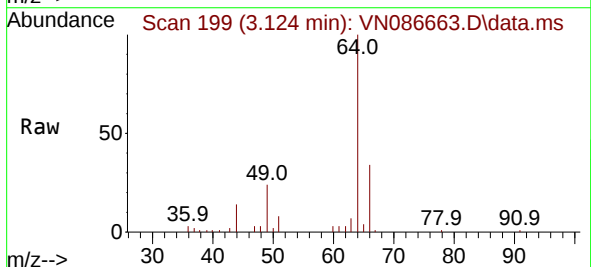
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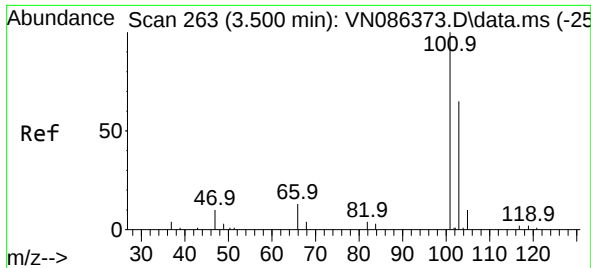
05/19/2025



#6
Chloroethane
Concen: 18.190 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

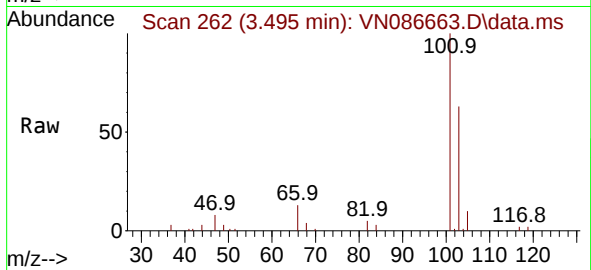
Tgt Ion: 64 Resp: 32947
Ion Ratio Lower Upper
64 100
66 34.2 24.5 36.7





#7
Trichlorofluoromethane
Concen: 19.473 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

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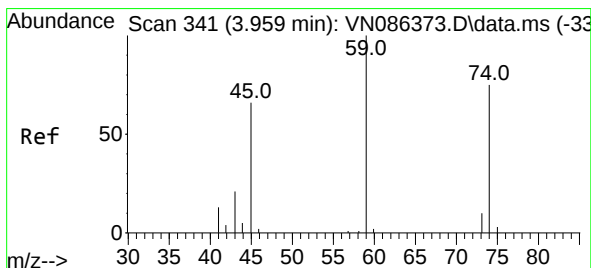
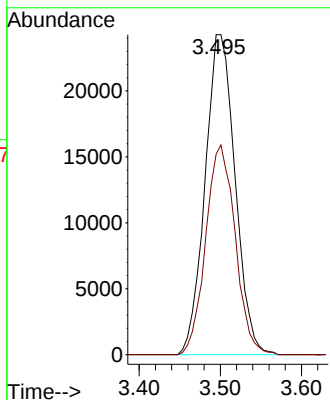
Tgt Ion:101 Resp: 62450
Ion Ratio Lower Upper
101 100
103 62.7 51.8 77.6

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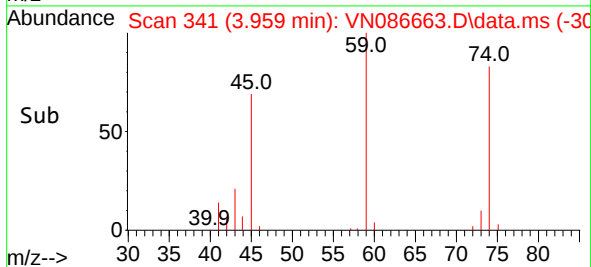
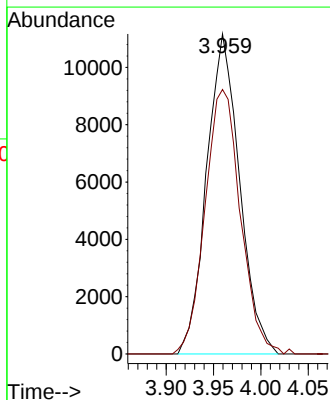
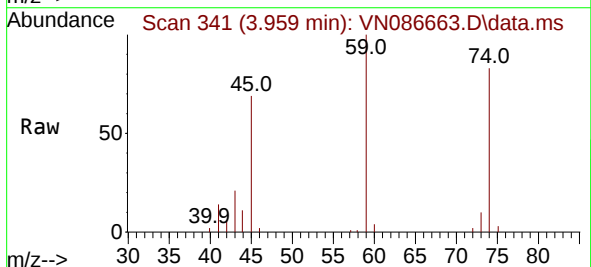
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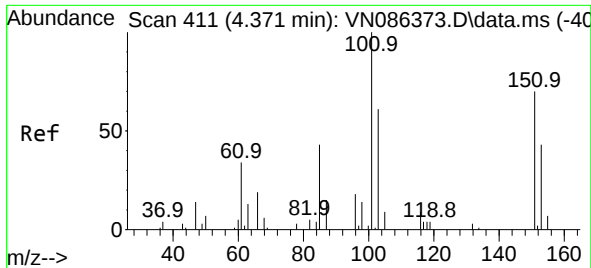
05/19/2025



#8
Diethyl Ether
Concen: 19.959 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

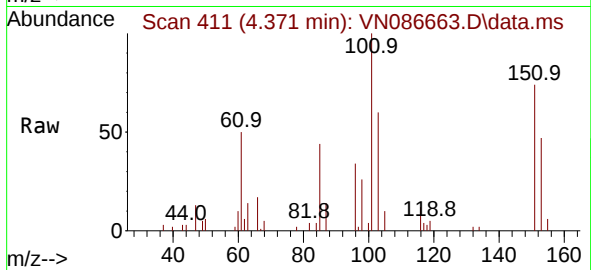
Tgt Ion: 74 Resp: 27019
Ion Ratio Lower Upper
74 100
45 88.6 18.5 166.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.500 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



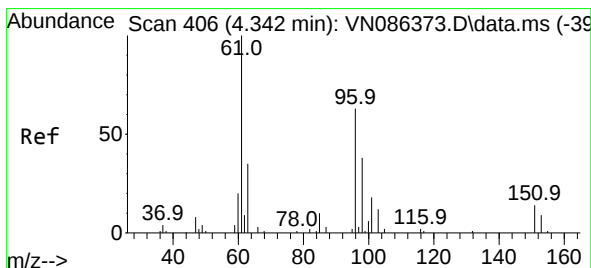
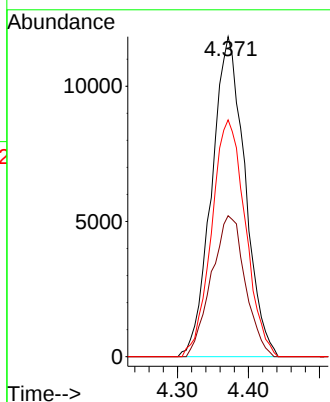
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Ion Ratio Lower Upper
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151 75.3 0.0 145.8

Manual Integrations
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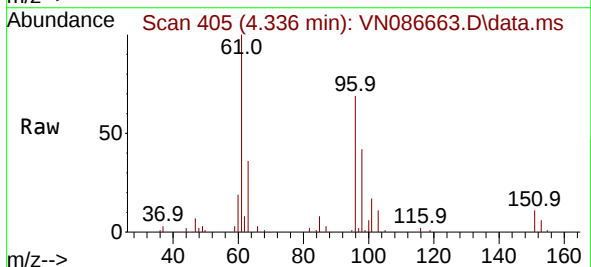
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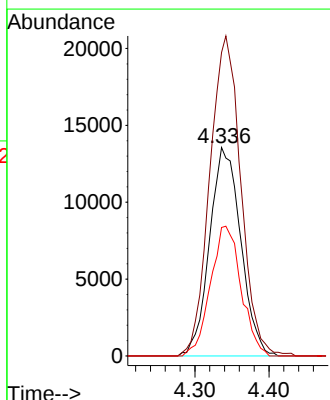
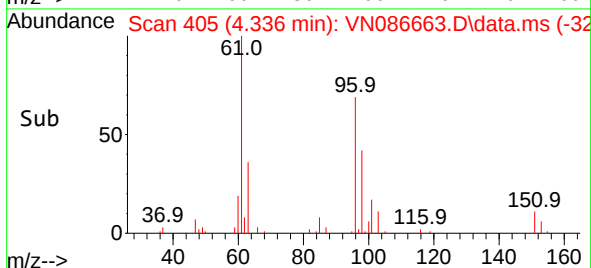
05/19/2025

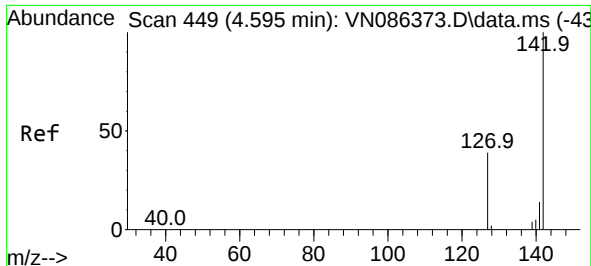


#10
1,1-Dichloroethene
Concen: 19.622 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46



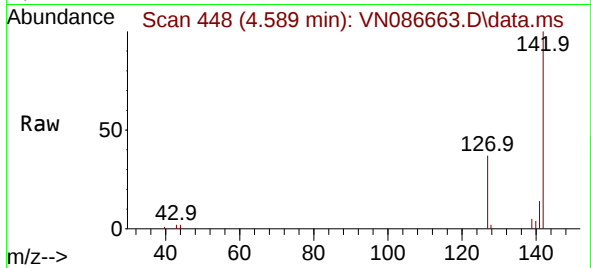
Tgt Ion: 96 Resp: 39596
Ion Ratio Lower Upper
96 100
61 145.6 126.2 189.4
98 61.7 48.5 72.7





#11
Methyl Iodide
Concen: 18.409 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



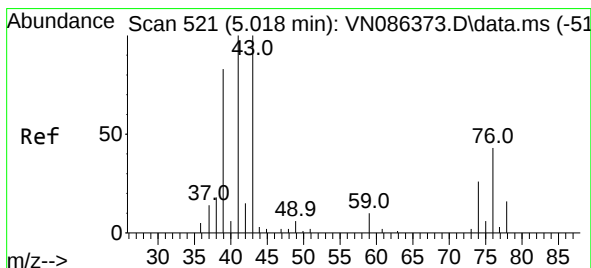
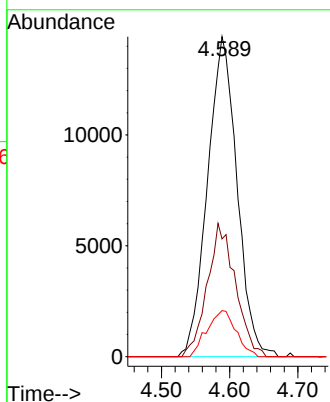
Tgt Ion:142 Resp: 4346
Ion Ratio Lower Upper
142 100
127 36.8 19.3 57.9
141 14.4 7.1 21.3

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Reviewed By :John
Carlone

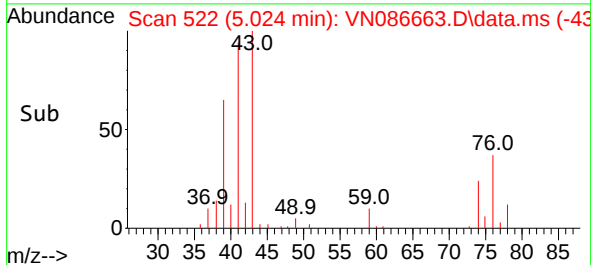
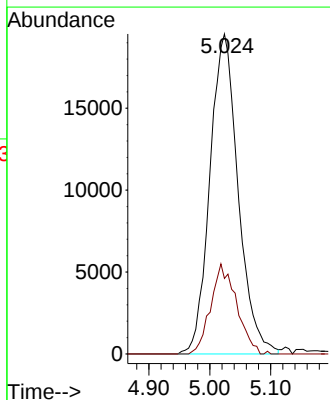
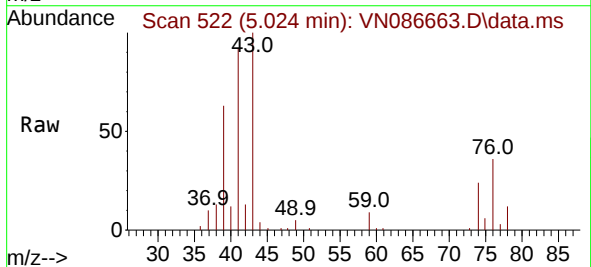
05/19/2025
Supervised By :Mahesh
Dadoda

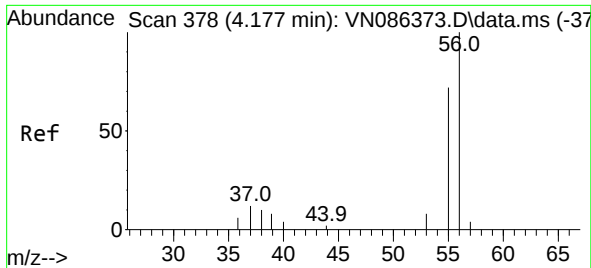
05/19/2025



#12
Methyl Acetate
Concen: 22.052 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

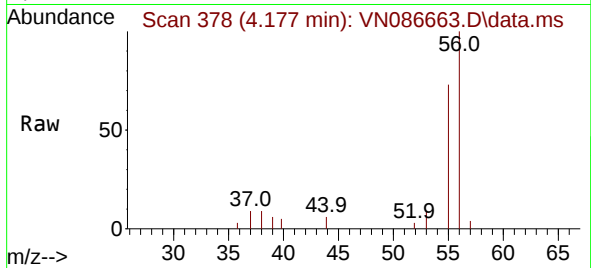
Tgt Ion: 43 Resp: 63075
Ion Ratio Lower Upper
43 100
74 23.7 20.8 31.2





#13
Acrolein
Concen: 129.050 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



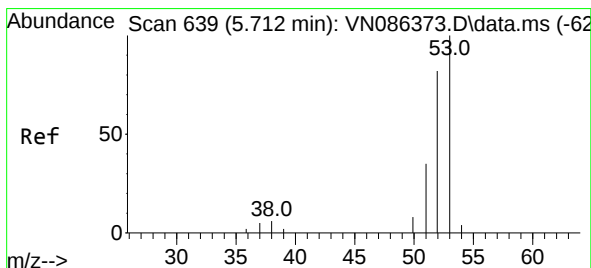
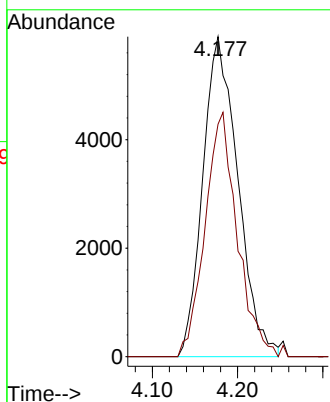
Tgt Ion: 56 Resp: 16854
Ion Ratio Lower Upper
56 100
55 70.0 56.1 84.1

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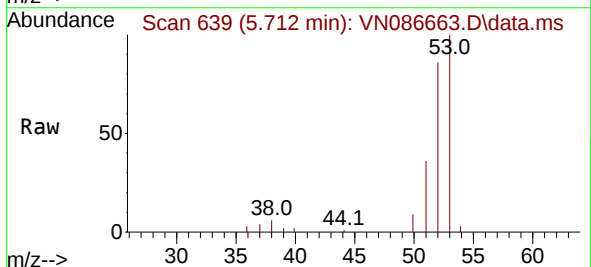
Reviewed By :John
Carlone

05/19/2025
Supervised By :Mahesh
Dadoda

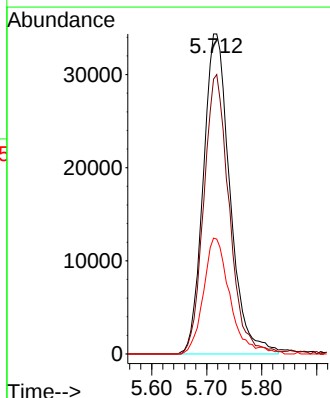
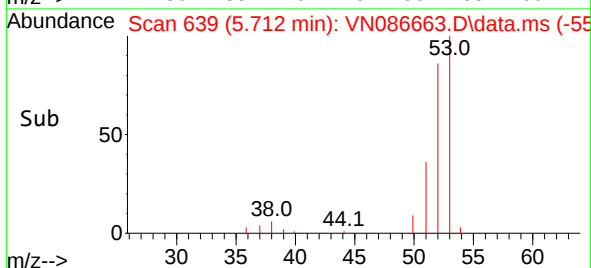
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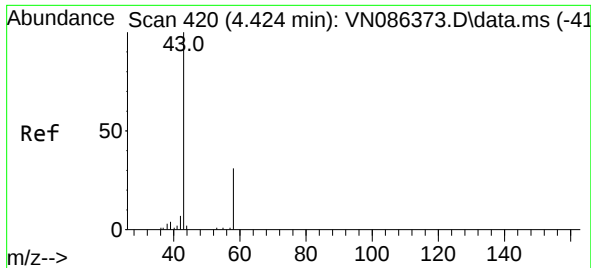


#14
Acrylonitrile
Concen: 108.824 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46



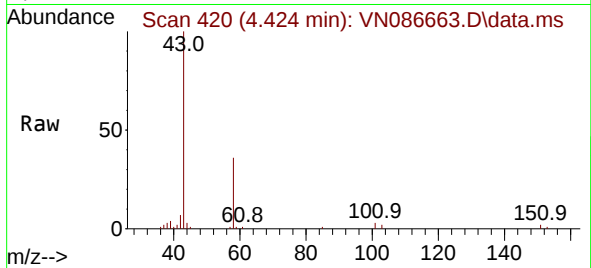
Tgt Ion: 53 Resp: 115846
Ion Ratio Lower Upper
53 100
52 83.3 41.2 123.6
51 34.9 17.6 52.8





#15
Acetone
Concen: 103.779 ug/l
RT: 4.424 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



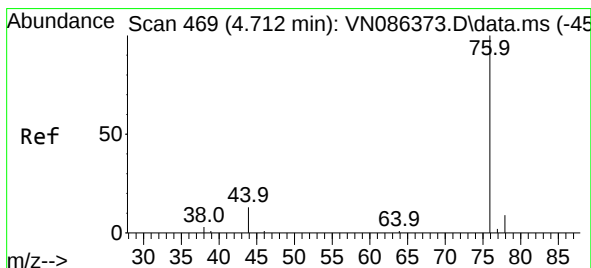
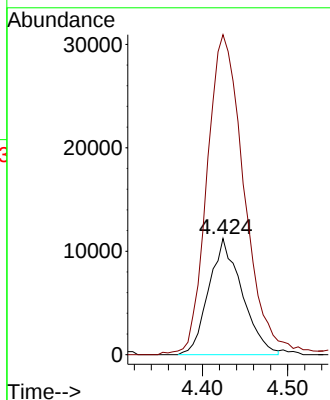
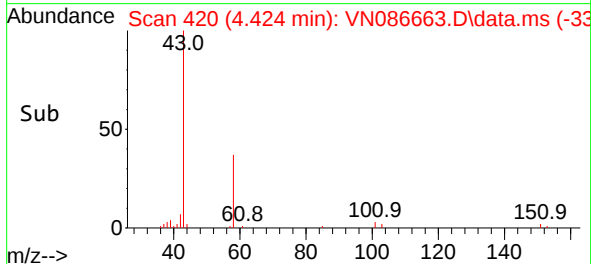
Tgt Ion: 58 Resp: 3044
Ion Ratio Lower Upper
58 100
43 272.3 255.1 382.7

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Reviewed By :John
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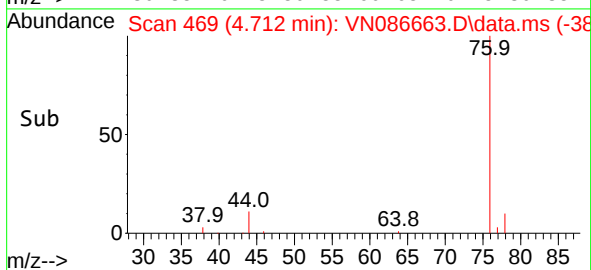
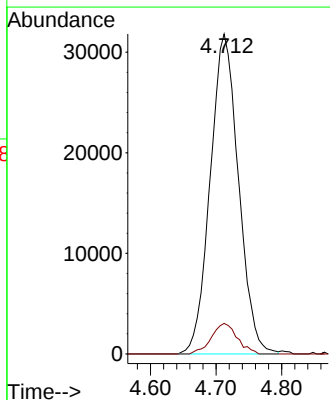
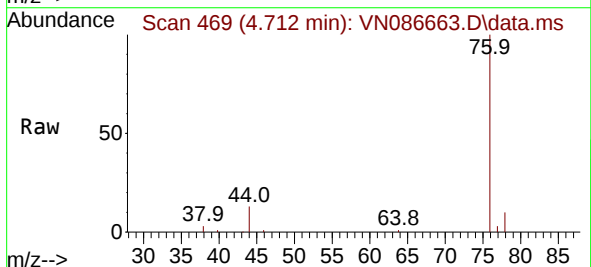
05/19/2025
Supervised By :Mahesh
Dadoda

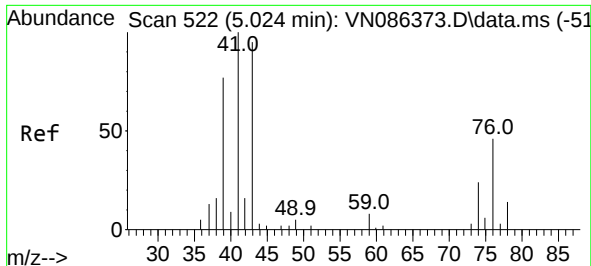
05/19/2025



#16
Carbon Disulfide
Concen: 17.938 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

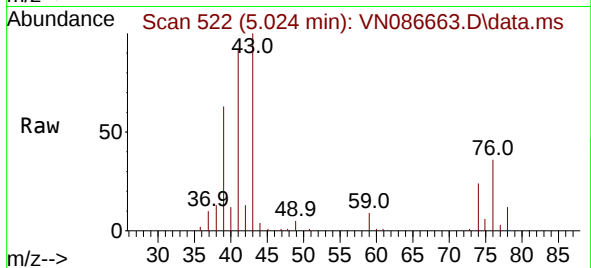
Tgt Ion: 76 Resp: 95385
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7





#17
 Allyl chloride
 Concen: 18.884 ug/l
 RT: 5.024 min Scan# 517
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01



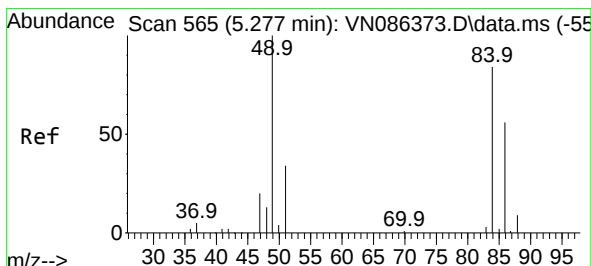
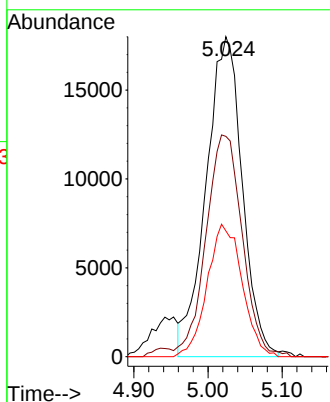
Tgt Ion: 41 Resp: 60932
 Ion Ratio Lower Upper
 41 100
 39 68.4 36.7 110.1
 76 39.9 21.8 65.4

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Reviewed By :John
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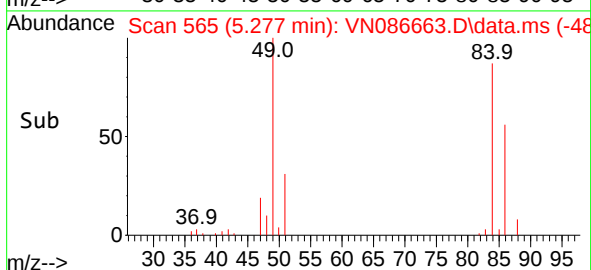
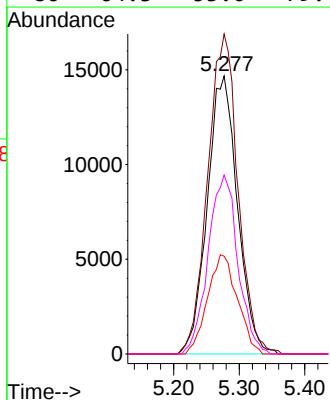
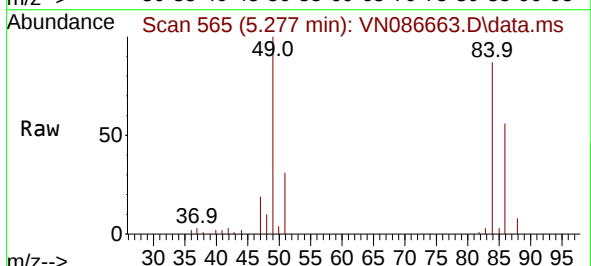
05/19/2025
 Supervised By :Mahesh
 Dadoda

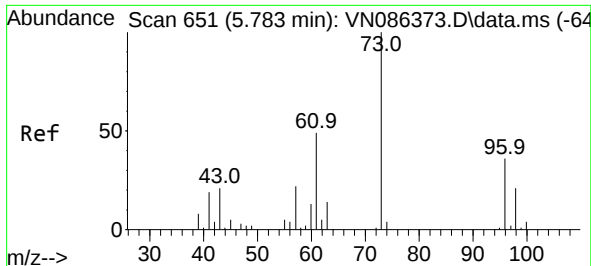
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#18
 Methylene Chloride
 Concen: 20.438 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Tgt Ion: 84 Resp: 46968
 Ion Ratio Lower Upper
 84 100
 49 115.1 95.4 143.0
 51 35.2 32.8 49.2
 86 64.3 53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 19.116 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.006 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

Tgt Ion: 96 Resp: 4111

Ion	Ratio	Lower	Upper
96	100		
61	129.1	107.3	160.9
98	62.2	46.7	70.1

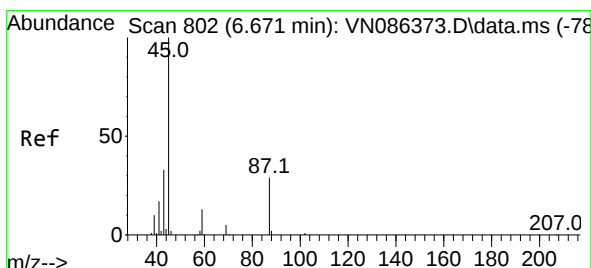
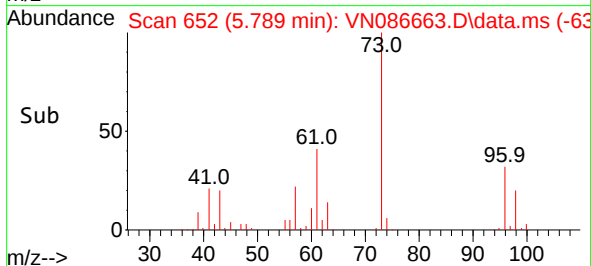
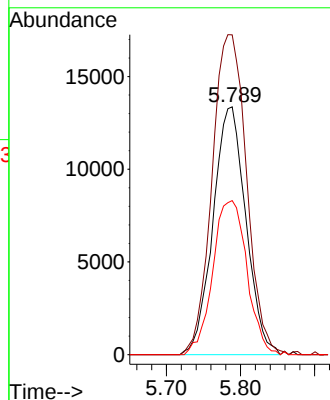
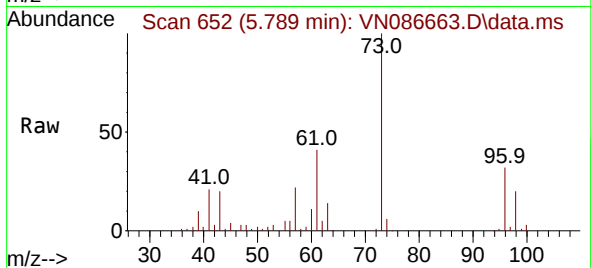
Manual Integrations
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Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

05/19/2025



#20

Diisopropyl ether

Concen: 19.029 ug/l

RT: 6.671 min Scan# 802

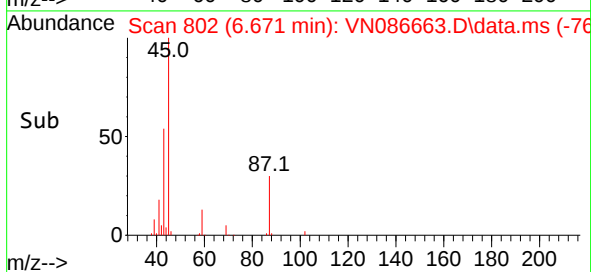
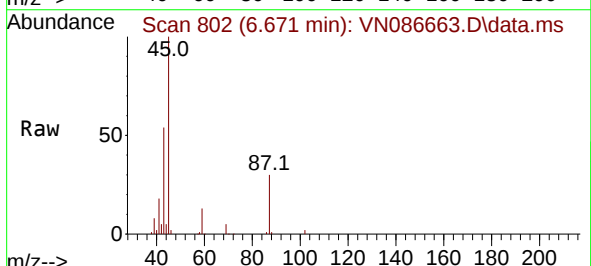
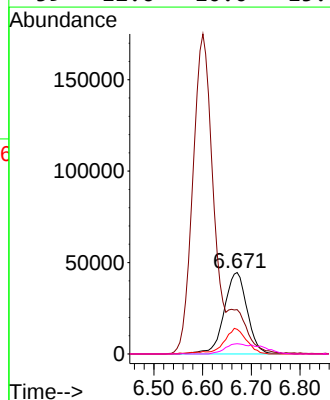
Delta R.T. 0.000 min

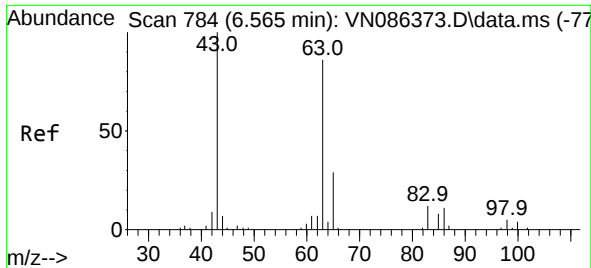
Lab File: VN086663.D

Acq: 16 May 2025 12:46

Tgt Ion: 45 Resp: 145988

Ion	Ratio	Lower	Upper
45	100		
43	52.8	38.8	58.2
87	30.4	23.5	35.3
59	12.6	10.0	15.0





#21
1,1-Dichloroethane
Concen: 19.394 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

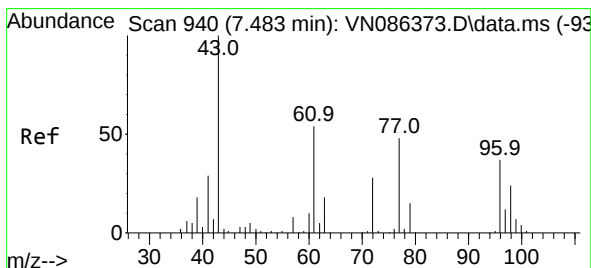
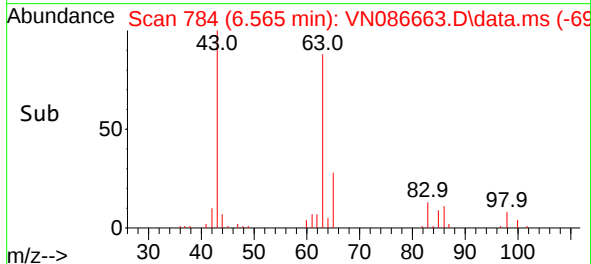
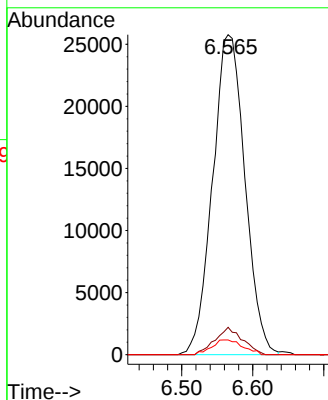
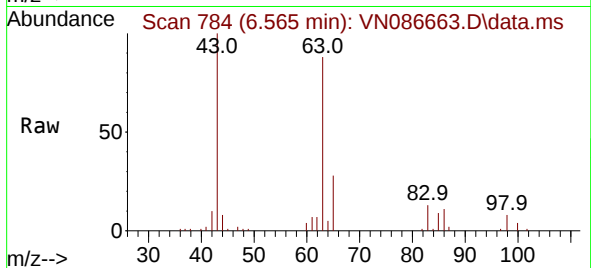
Tgt Ion: 63 Resp: 8144
Ion Ratio Lower Upper
63 100
98 8.6 3.0 9.2
100 4.6 2.3 6.8

Manual Integrations
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Reviewed By :John
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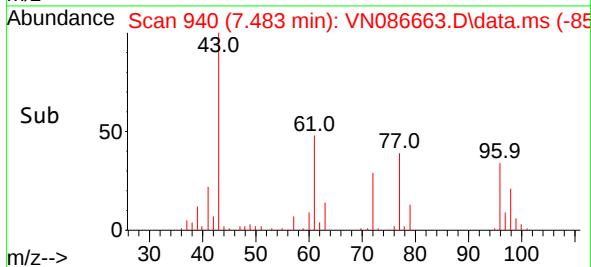
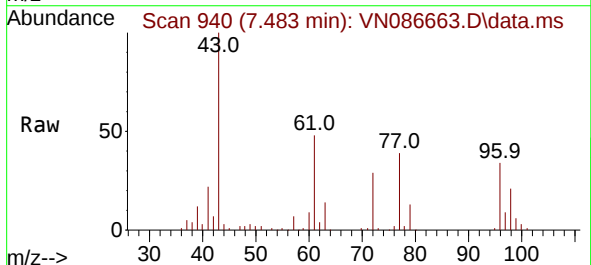
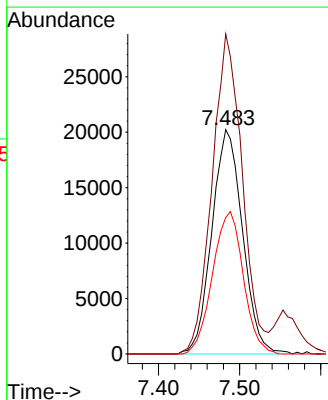
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Supervised By :Mahesh
Dadoda

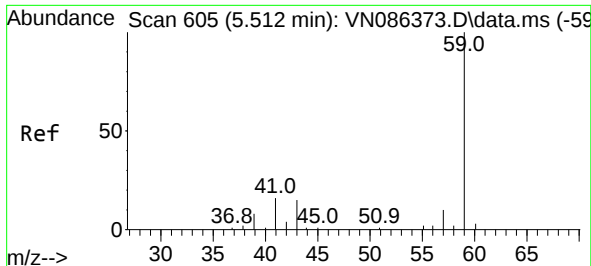
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#22
cis-1,2-Dichloroethene
Concen: 19.704 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

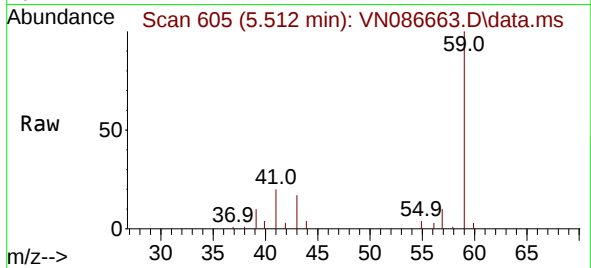
Tgt Ion: 96 Resp: 52993
Ion Ratio Lower Upper
96 100
61 141.2 120.6 181.0
98 63.9 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 113.412 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



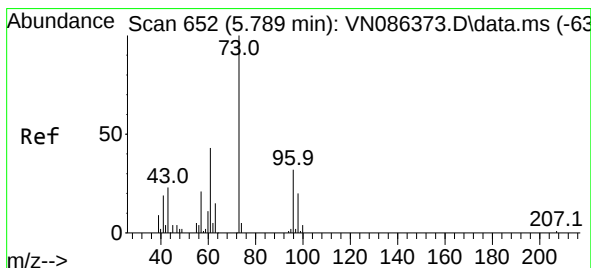
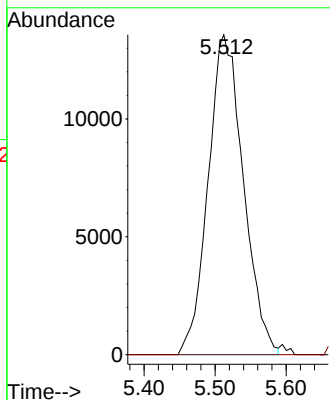
Tgt Ion: 59 Resp: 46769
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

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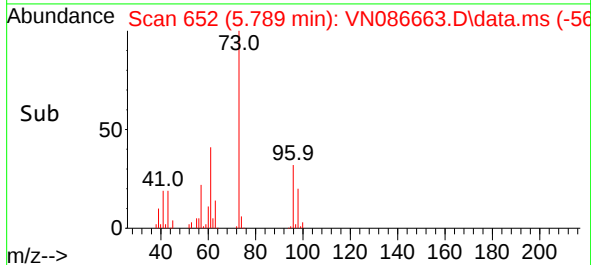
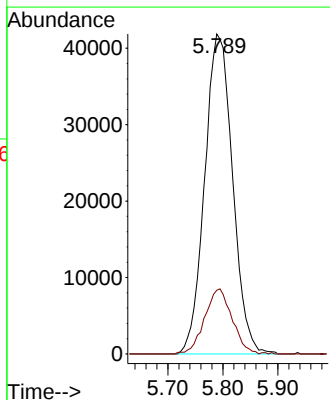
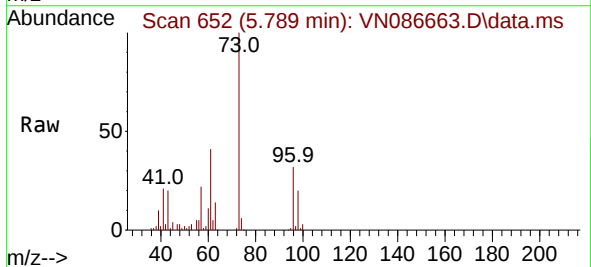
05/19/2025
Supervised By :Mahesh
Dadoda

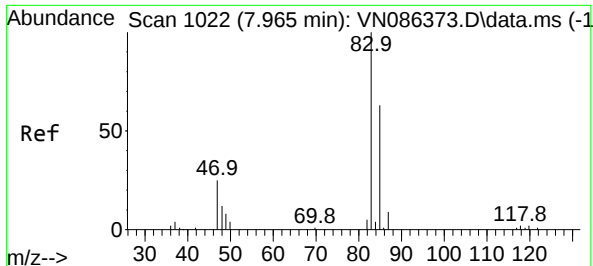
05/19/2025



#24
Methyl tert-Butyl Ether
Concen: 19.841 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 73 Resp: 147932
Ion Ratio Lower Upper
73 100
43 19.8 17.1 25.7





#25

Chloroform

Concen: 19.772 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

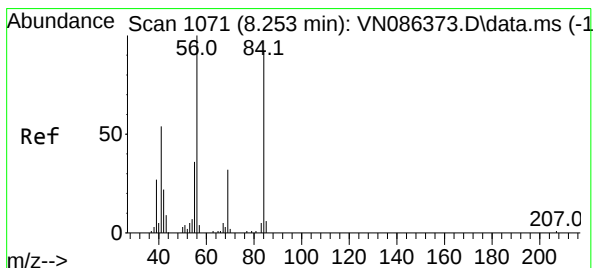
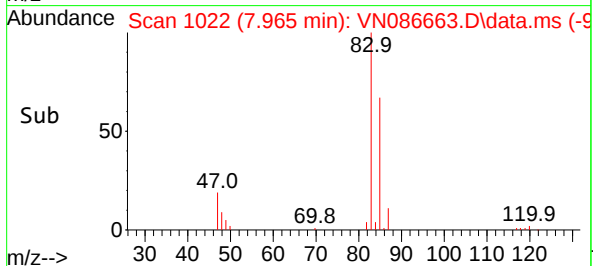
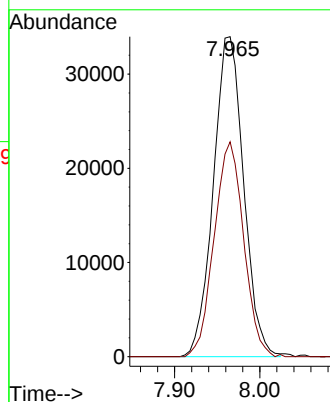
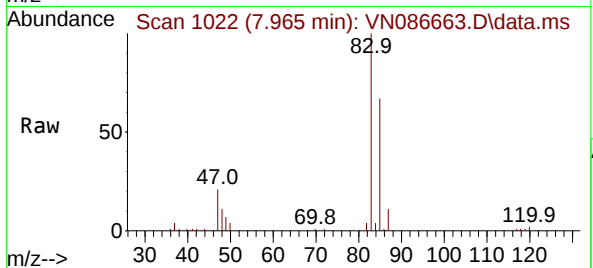
Tgt Ion: 83 Resp: 84035
 Ion Ratio Lower Upper
 83 100
 85 67.2 50.2 75.2

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 Dadoda

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#26

Cyclohexane

Concen: 17.299 ug/l

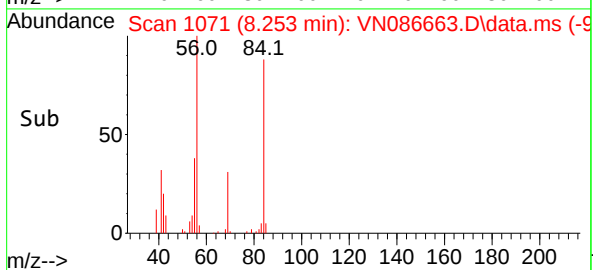
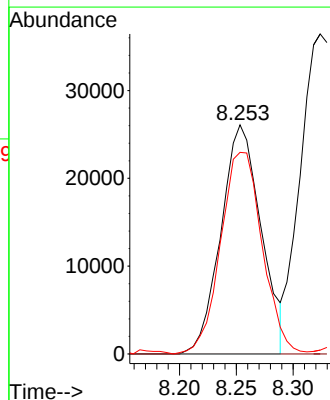
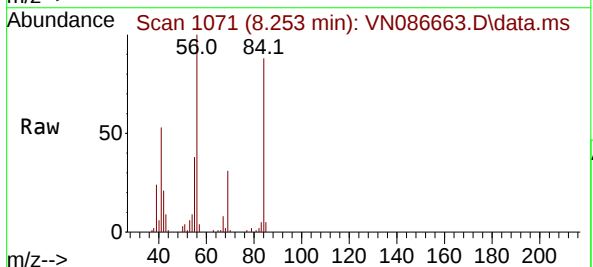
RT: 8.253 min Scan# 1071

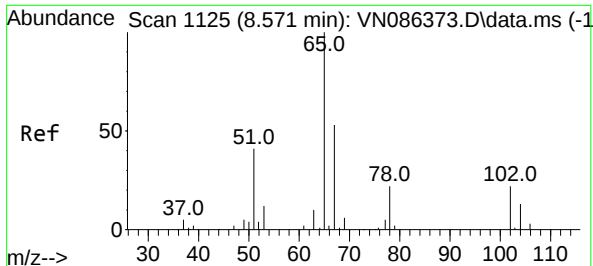
Delta R.T. 0.000 min

Lab File: VN086663.D

Acq: 16 May 2025 12:46

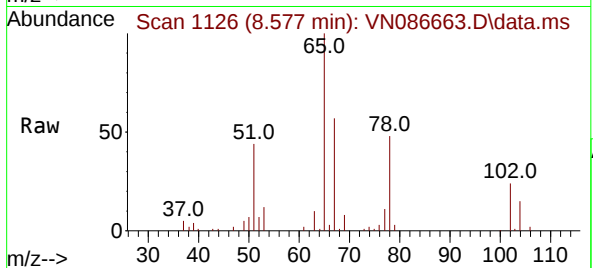
Tgt Ion: 56 Resp: 64146
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 91.4 71.5 107.3





#27
1,2-Dichloroethane-d4
Concen: 29.153 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



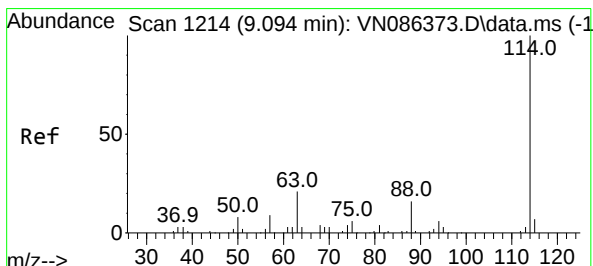
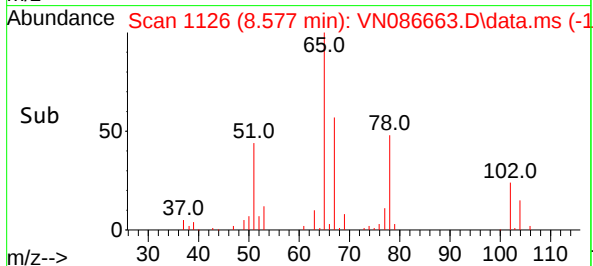
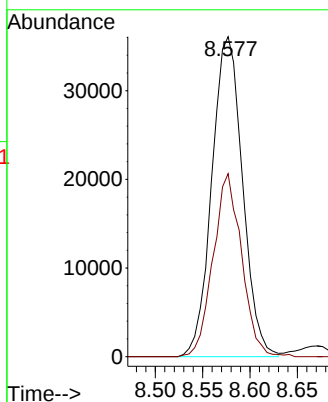
Tgt Ion: 65 Resp: 81302
Ion Ratio Lower Upper
65 100
67 53.1 42.5 63.7

Manual Integrations
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Reviewed By :John
Carlone

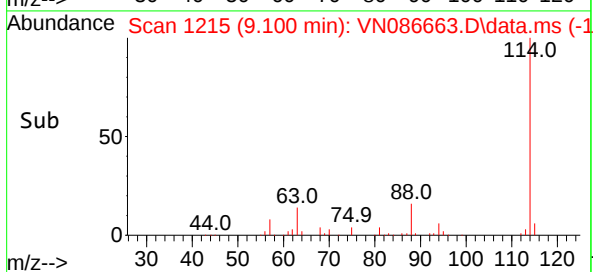
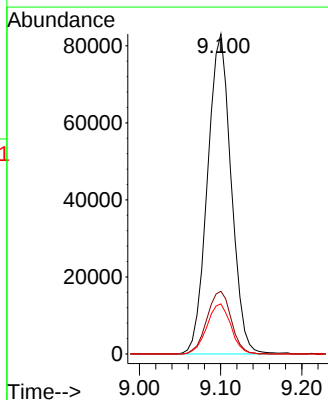
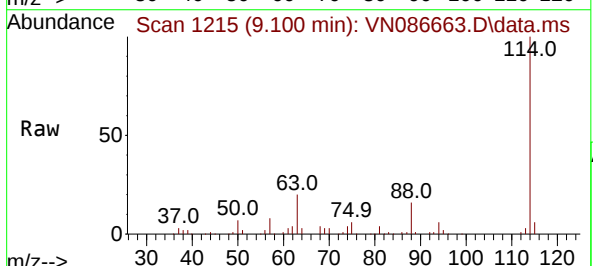
05/19/2025
Supervised By :Mahesh
Dadoda

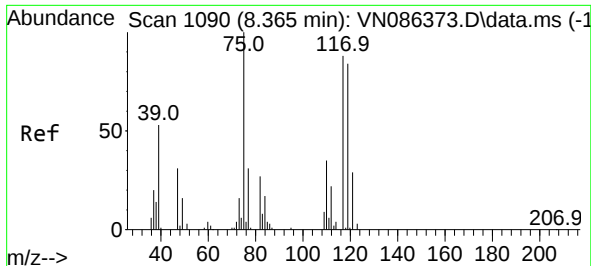
05/19/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

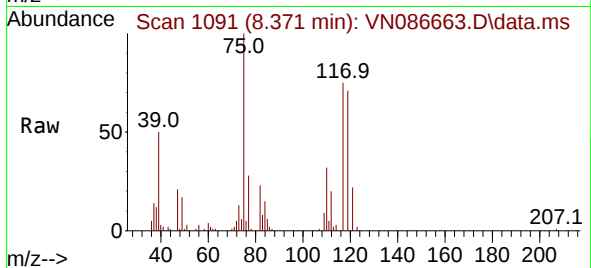
Tgt Ion:114 Resp: 168023
Ion Ratio Lower Upper
114 100
63 20.0 16.7 25.1
88 15.9 12.6 19.0





#29
1,1-Dichloropropene
Concen: 19.063 ug/l
RT: 8.371 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



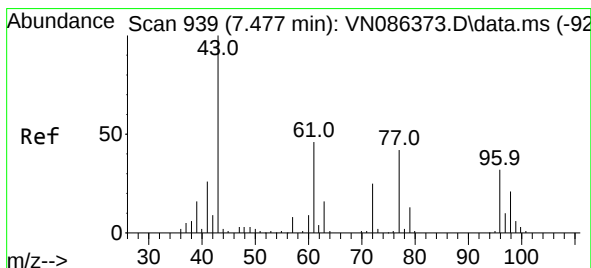
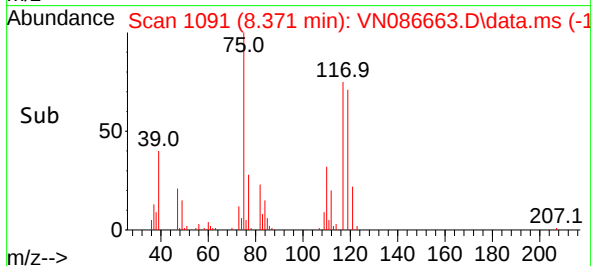
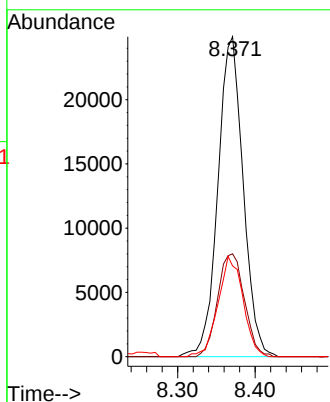
Tgt Ion: 75 Resp: 56468
Ion Ratio Lower Upper
75 100
110 34.0 0.0 68.0
77 30.9 0.0 61.4

Manual Integrations
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Reviewed By :John
Carlone

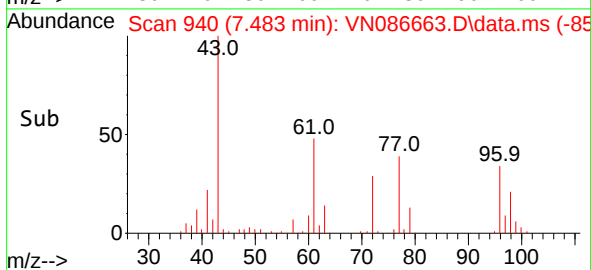
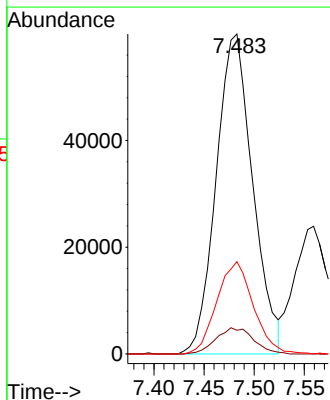
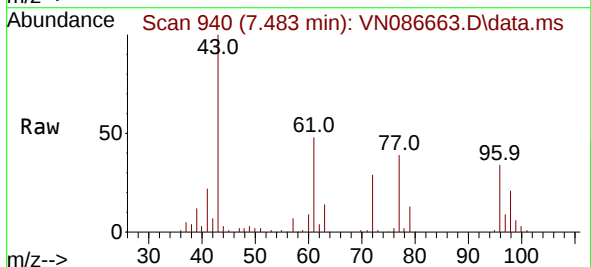
05/19/2025
Supervised By :Mahesh
Dadoda

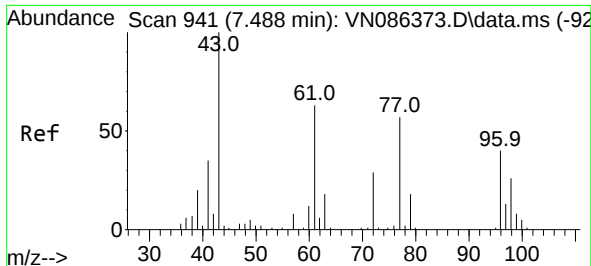
05/19/2025



#30
2-Butanone
Concen: 105.923 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

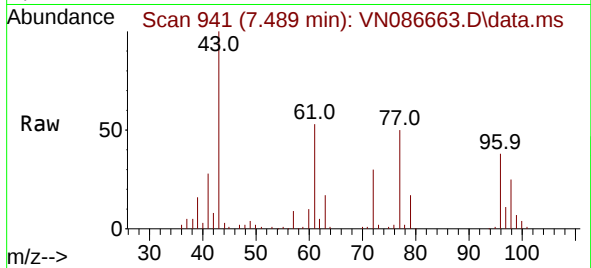
Tgt Ion: 43 Resp: 152288
Ion Ratio Lower Upper
43 100
57 8.4 6.6 10.0
72 28.8 22.2 33.4





#31
2,2-Dichloropropane
Concen: 18.724 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



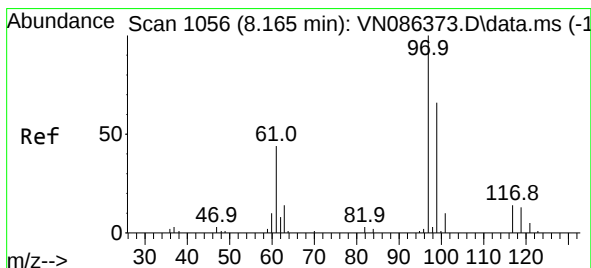
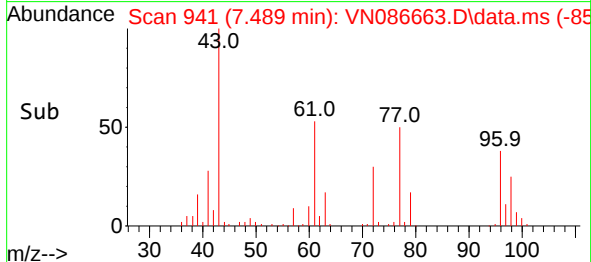
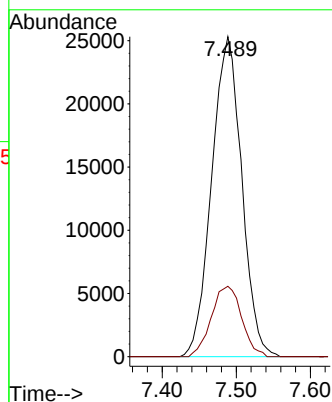
Tgt Ion: 77 Resp: 7129
Ion Ratio Lower Upper
77 100
97 22.2 18.2 27.2

Manual Integrations
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Reviewed By :John
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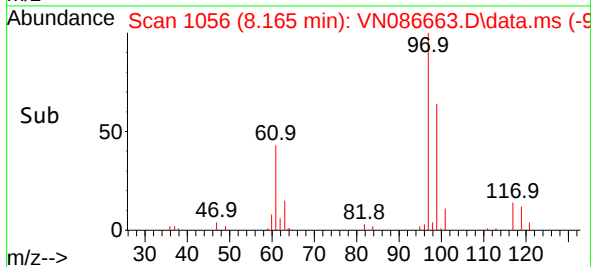
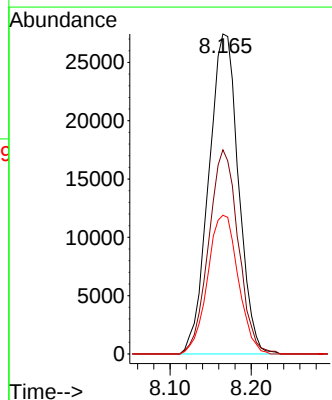
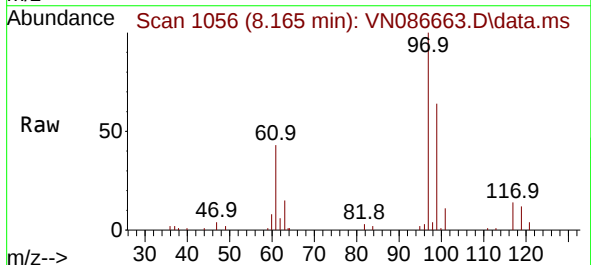
05/19/2025
Supervised By :Mahesh
Dadoda

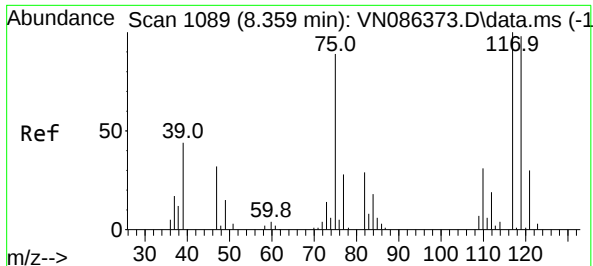
05/19/2025



#32
1,1,1-Trichloroethane
Concen: 19.757 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

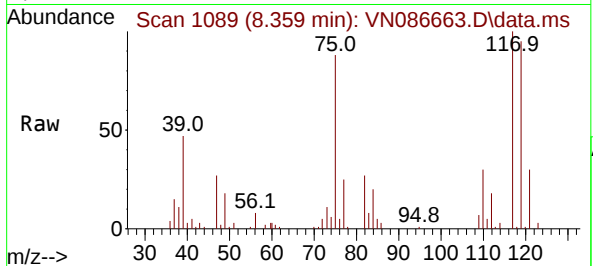
Tgt Ion: 97 Resp: 69934
Ion Ratio Lower Upper
97 100
99 63.5 52.6 79.0
61 44.6 36.4 54.6





#33
Carbon Tetrachloride
Concen: 19.634 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



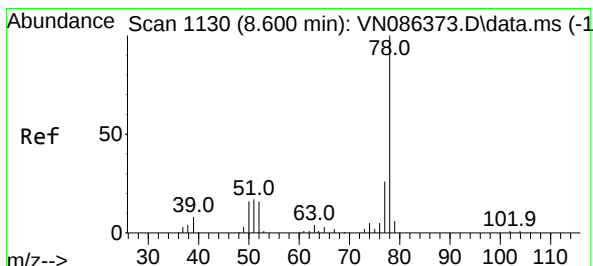
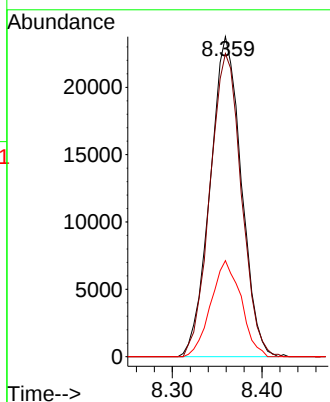
Tgt Ion: 117 Resp: 5721
Ion Ratio Lower Upper
117 100
119 94.7 78.6 117.8
121 30.0 24.0 36.0

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Reviewed By :John
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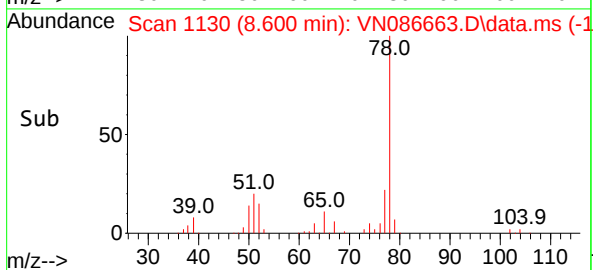
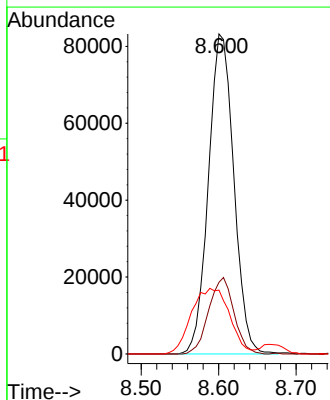
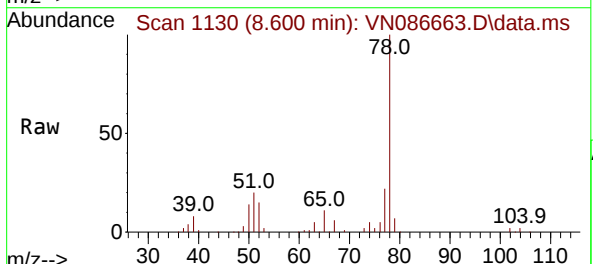
05/19/2025
Supervised By :Mahesh
Dadoda

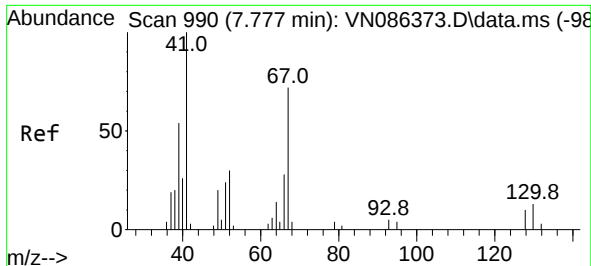
05/19/2025



#34
Benzene
Concen: 20.112 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

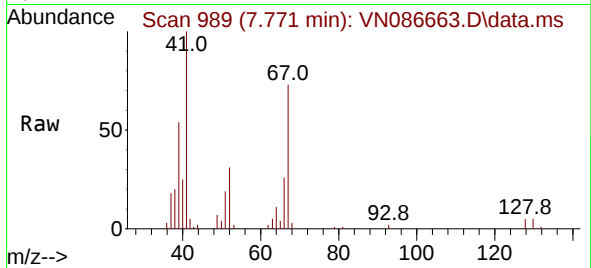
Tgt Ion: 78 Resp: 189486
Ion Ratio Lower Upper
78 100
77 22.4 20.8 31.2
51 17.4 14.0 21.0





#35
Methacrylonitrile
Concen: 21.615 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



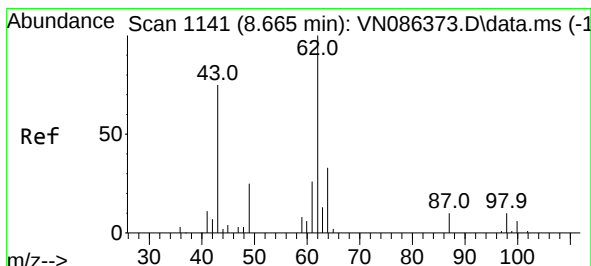
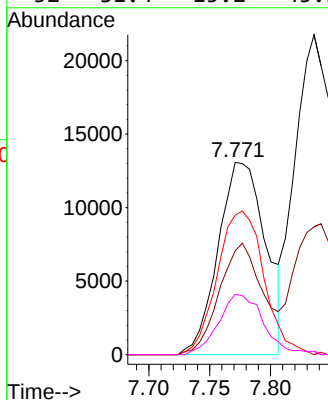
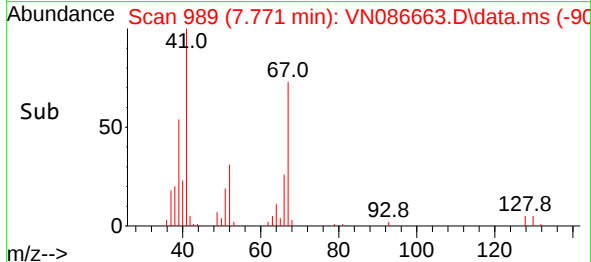
Tgt Ion: 41 Resp: 35450
Ion Ratio Lower Upper
41 100
39 53.9 27.0 80.8
67 72.5 35.8 107.3
52 31.4 15.2 45.5

Manual Integrations
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Reviewed By :John
Carlone

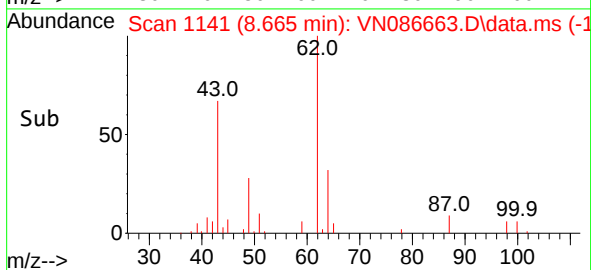
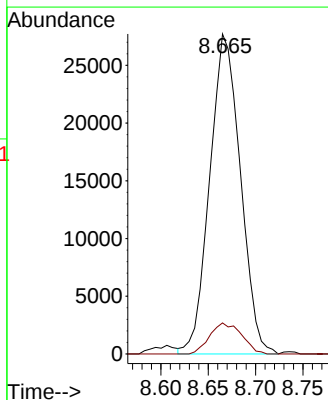
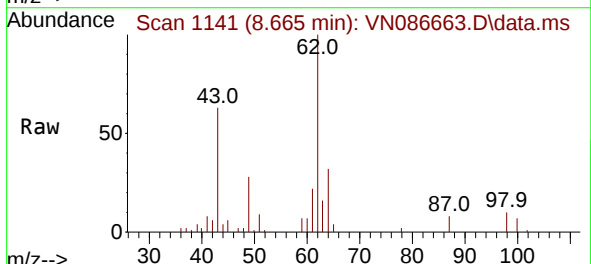
05/19/2025
Supervised By :Mahesh
Dadoda

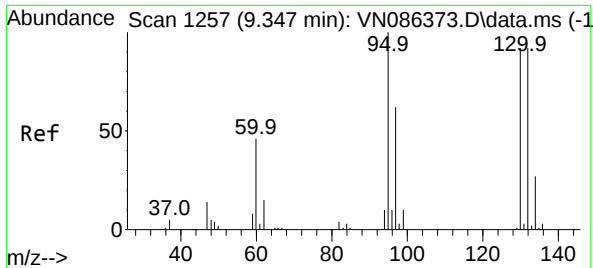
05/19/2025



#36
1,2-Dichloroethane
Concen: 20.397 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

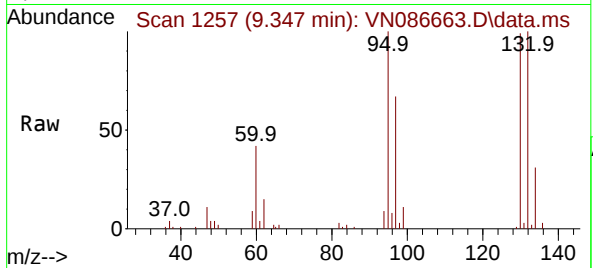
Tgt Ion: 62 Resp: 62391
Ion Ratio Lower Upper
62 100
98 10.1 7.6 11.4





#37
Trichloroethene
Concen: 19.646 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



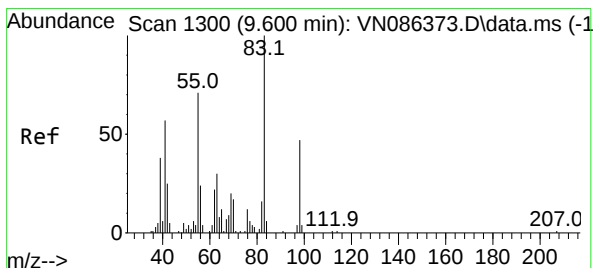
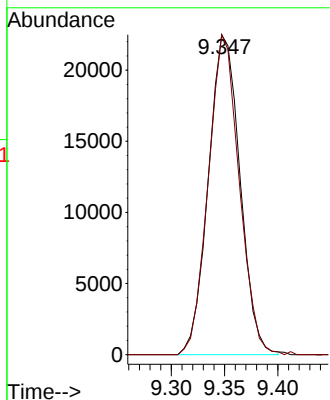
Tgt Ion:130 Resp: 4633
Ion Ratio Lower Upper
130 100
95 100.1 86.6 130.0

Manual Integrations
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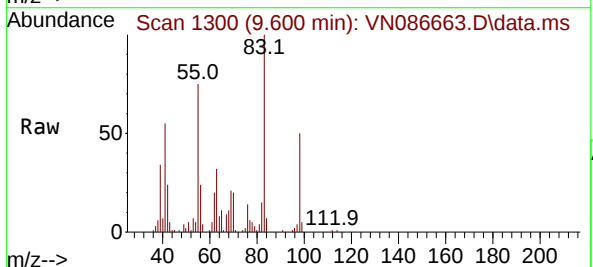
Reviewed By :John
Carlone

05/19/2025
Supervised By :Mahesh
Dadoda

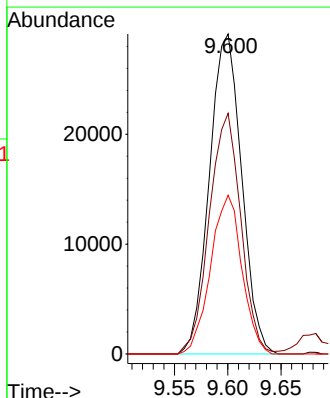
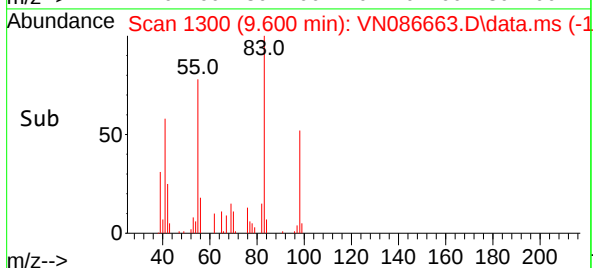
05/19/2025

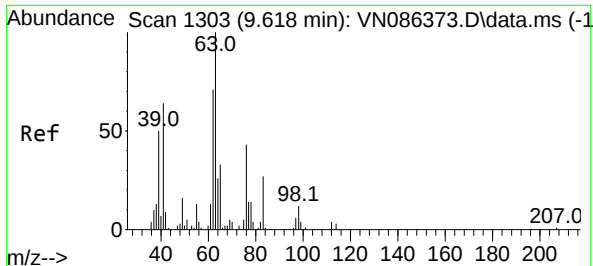


#38
Methylcyclohexane
Concen: 17.892 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46



Tgt Ion: 83 Resp: 61208
Ion Ratio Lower Upper
83 100
55 73.4 37.3 111.9
98 48.3 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.924 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086663.D

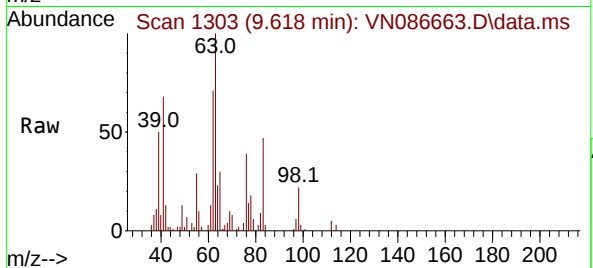
Acq: 16 May 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01



Tgt Ion: 63 Resp: 4637

Ion	Ratio	Lower	Upper
63	100		
65	29.6	26.7	40.1

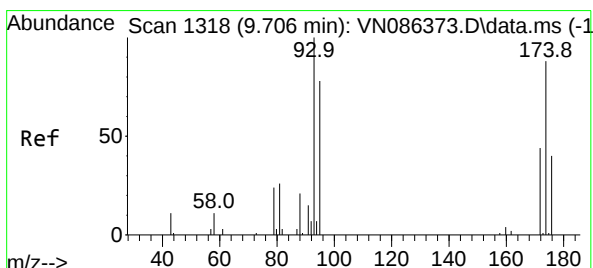
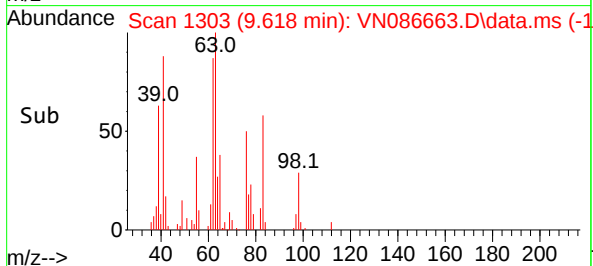
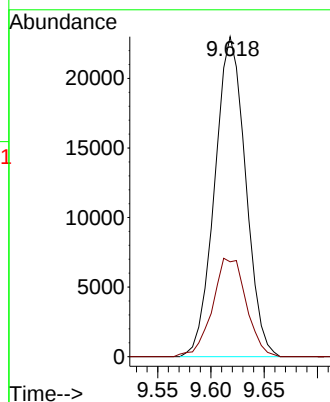
Manual Integrations
APPROVED

Reviewed By :John
Carlone

05/19/2025

Supervised By :Mahesh
Dadoda

05/19/2025



#40

Dibromomethane

Concen: 20.802 ug/l

RT: 9.706 min Scan# 1318

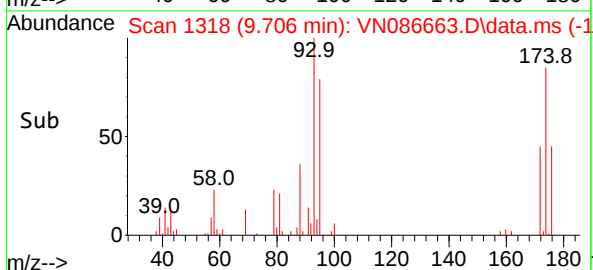
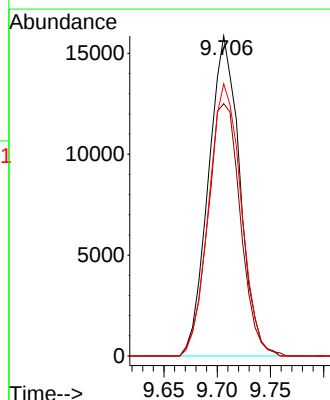
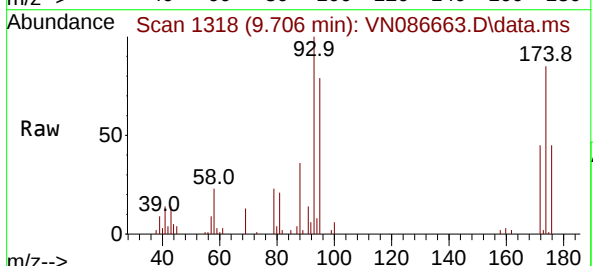
Delta R.T. 0.000 min

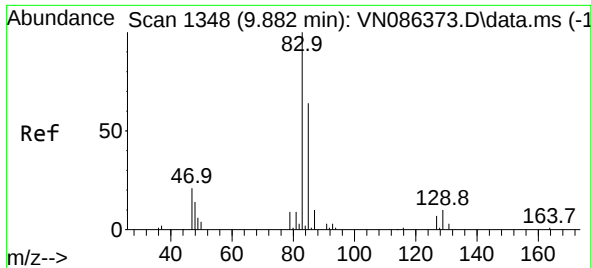
Lab File: VN086663.D

Acq: 16 May 2025 12:46

Tgt Ion: 93 Resp: 32378

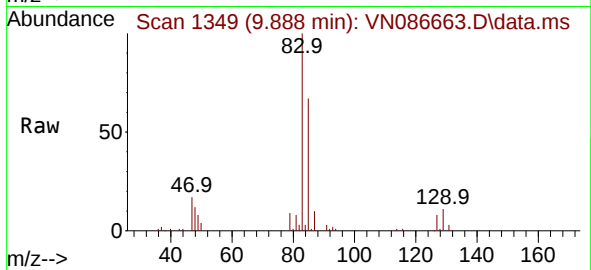
Ion	Ratio	Lower	Upper
93	100		
95	82.5	0.0	159.2
174	87.8	0.0	171.4





#41
Bromodichloromethane
Concen: 20.182 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



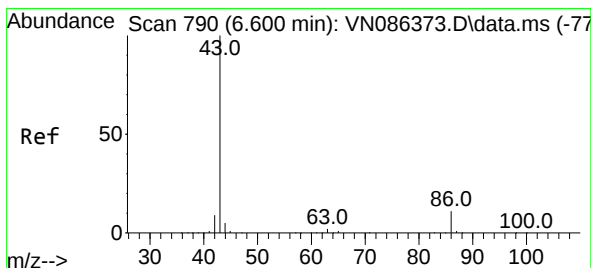
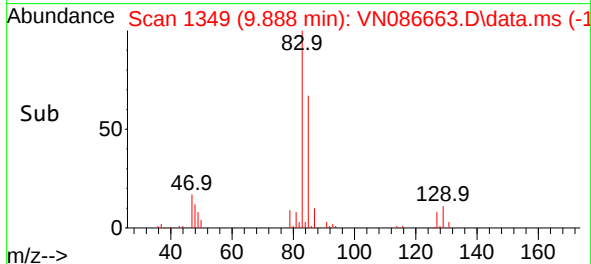
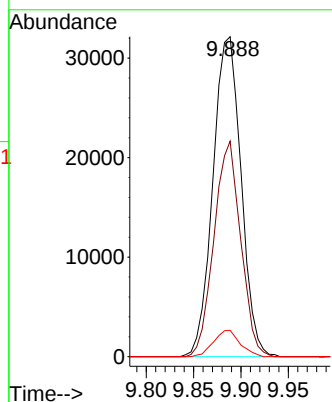
Tgt Ion: 83 Resp: 6647
Ion Ratio Lower Upper
83 100
85 67.3 51.1 76.7
127 8.2 5.9 8.9

Manual Integrations
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Reviewed By :John
Carlone

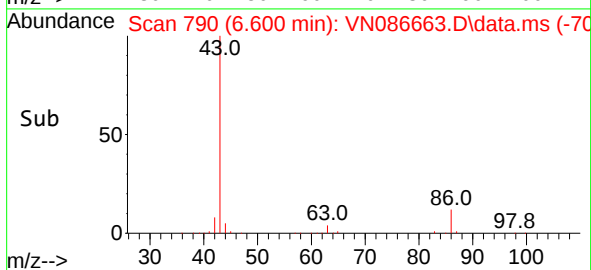
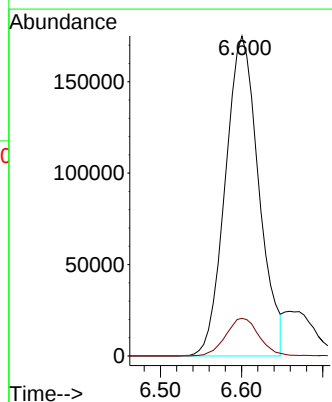
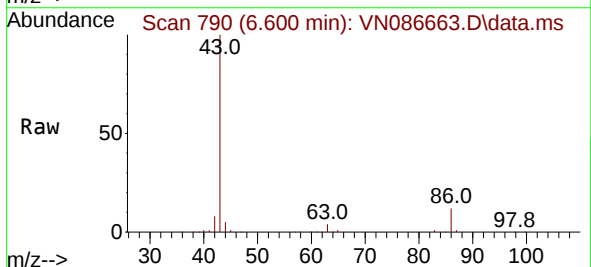
05/19/2025
Supervised By :Mahesh
Dadoda

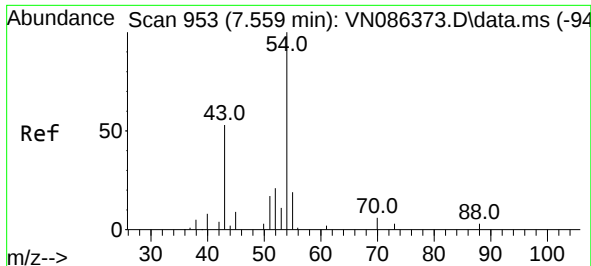
05/19/2025



#42
Vinyl Acetate
Concen: 100.692 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 43 Resp: 501487
Ion Ratio Lower Upper
43 100
86 11.7 8.9 13.3





#43
Ethyl Acetate
Concen: 20.185 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

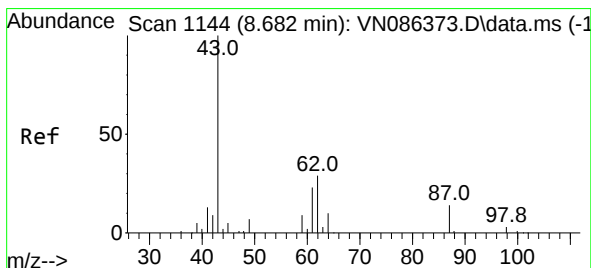
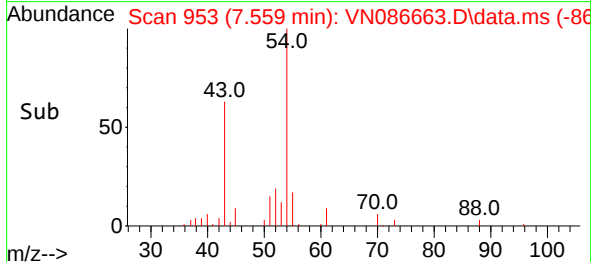
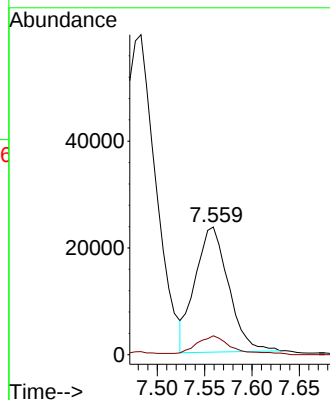
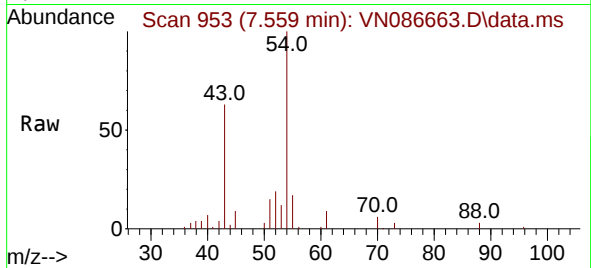
Tgt Ion: 43 Resp: 57430
Ion Ratio Lower Upper
43 100
45 12.6 11.4 17.2

Manual Integrations
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Reviewed By :John
Carlone

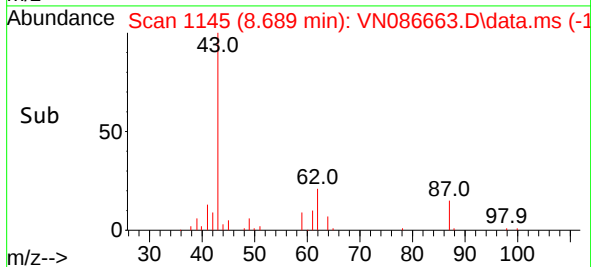
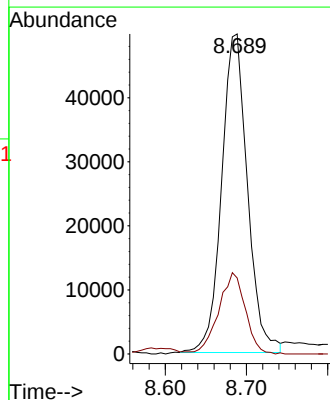
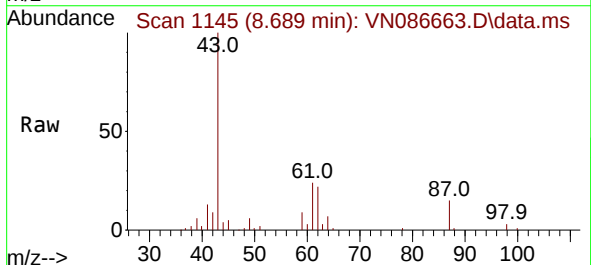
05/19/2025
Supervised By :Mahesh
Dadoda

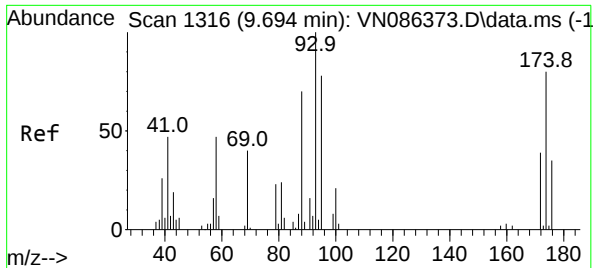
05/19/2025



#44
Isopropyl Acetate
Concen: 20.378 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

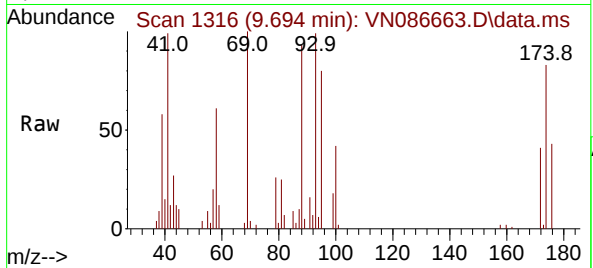
Tgt Ion: 43 Resp: 110043
Ion Ratio Lower Upper
43 100
61 26.3 21.0 31.4





#45
1,4-Dioxane
Concen: 481.083 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



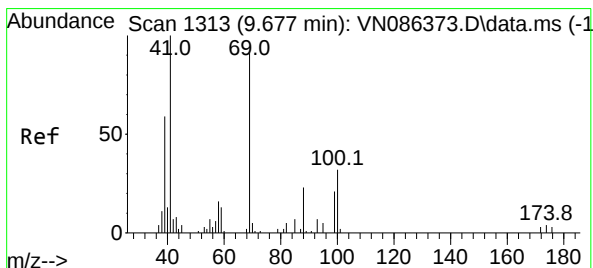
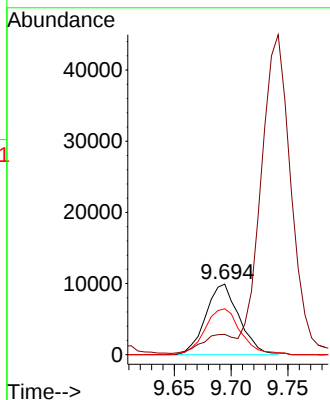
Tgt Ion: 88 Resp: 20269
Ion Ratio Lower Upper
88 100
43 29.9 24.9 37.3
58 69.6 57.8 86.8

Manual Integrations
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Reviewed By :John
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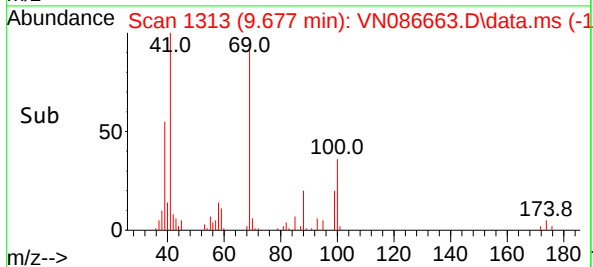
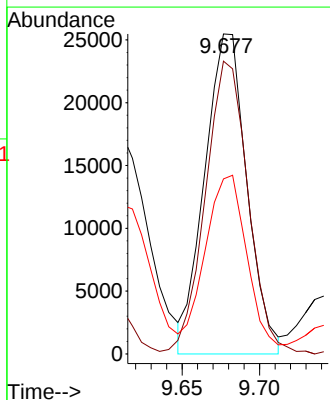
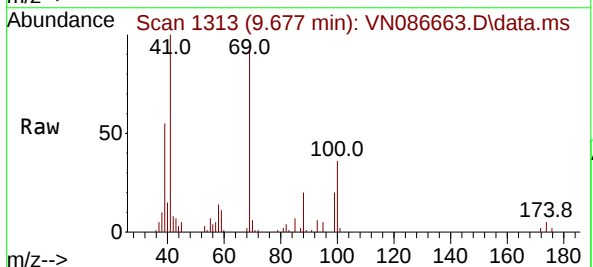
05/19/2025
Supervised By :Mahesh
Dadoda

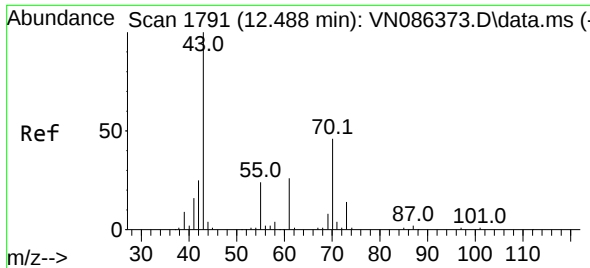
05/19/2025



#46
Methyl methacrylate
Concen: 19.385 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 41 Resp: 48285
Ion Ratio Lower Upper
41 100
69 92.9 44.1 132.3
39 54.8 30.0 90.1





#47
n-amy1 Acetate
Concen: 19.491 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

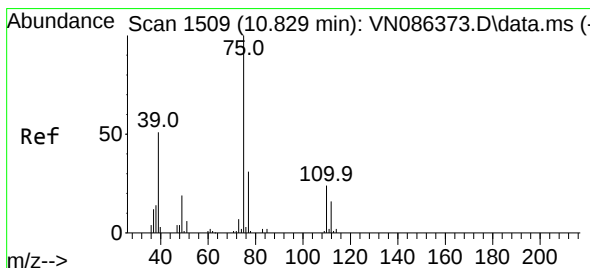
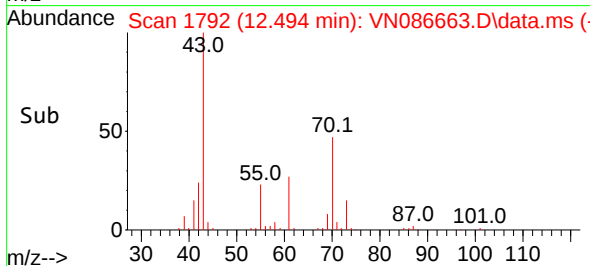
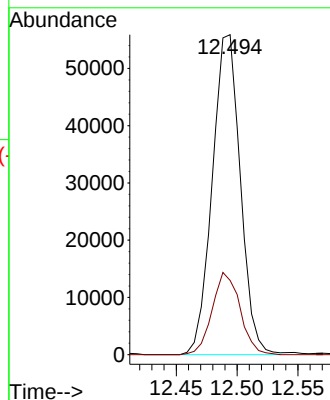
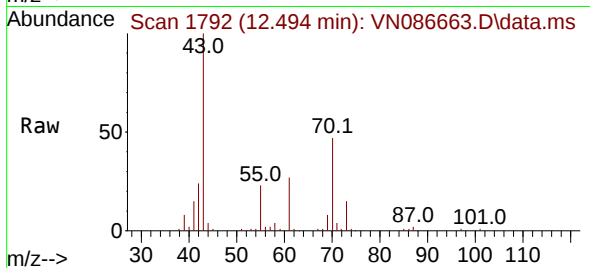
Tgt Ion: 43 Resp: 89700
Ion Ratio Lower Upper
43 100
55 25.4 19.4 29.0

Manual Integrations
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Reviewed By :John
Carlone

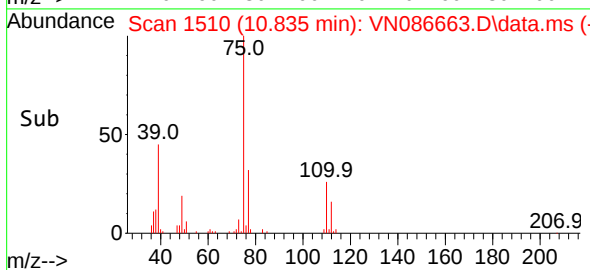
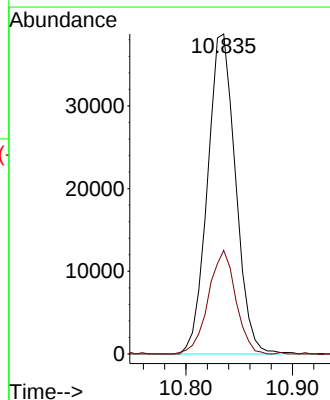
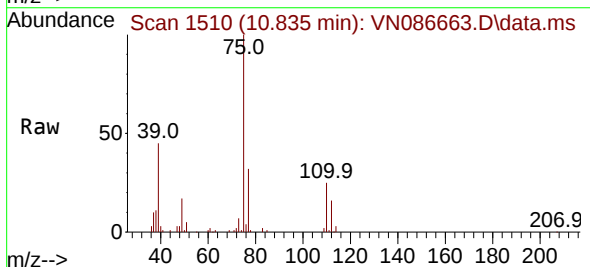
05/19/2025
Supervised By :Mahesh
Dadoda

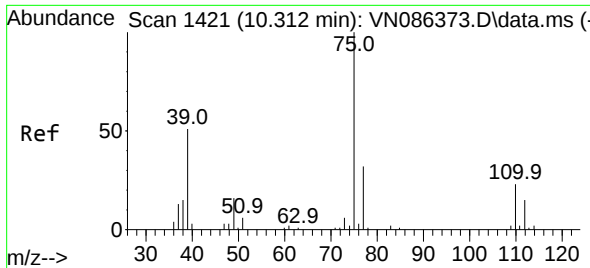
05/19/2025



#48
t-1,3-Dichloropropene
Concen: 19.218 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

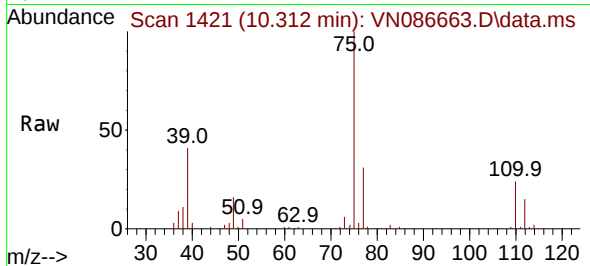
Tgt Ion: 75 Resp: 70769
Ion Ratio Lower Upper
75 100
77 31.9 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.261 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01



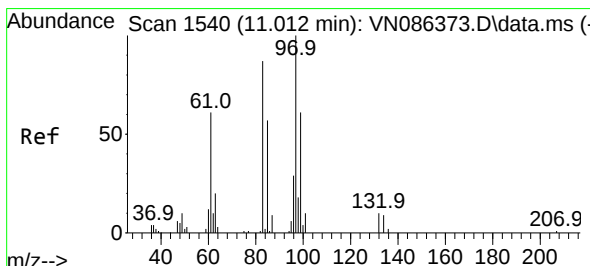
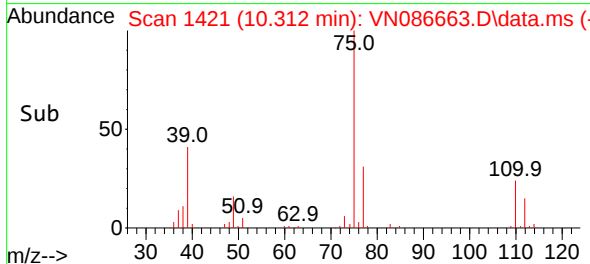
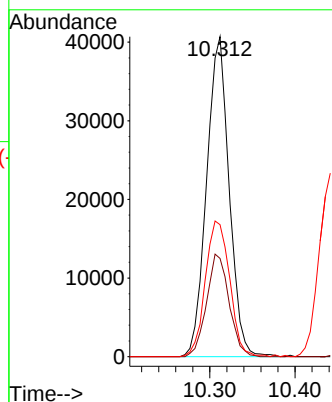
Tgt Ion: 75 Resp: 74790
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.6 38.4
 39 41.2 40.6 60.8

Manual Integrations
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Reviewed By :John
 Carlone

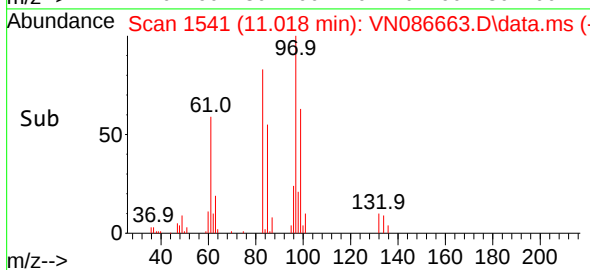
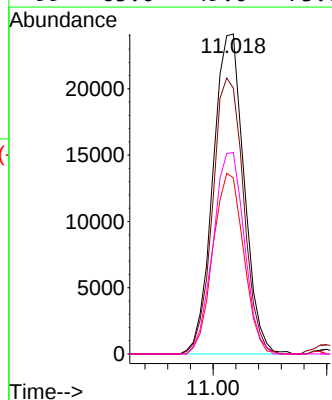
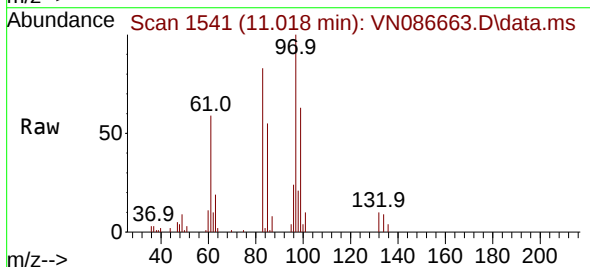
05/19/2025
 Supervised By :Mahesh
 Dadoda

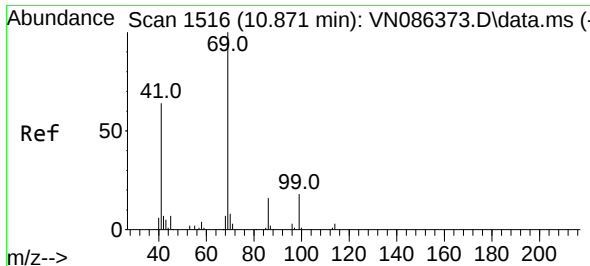
05/19/2025



#50
 1,1,2-Trichloroethane
 Concen: 21.135 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.006 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

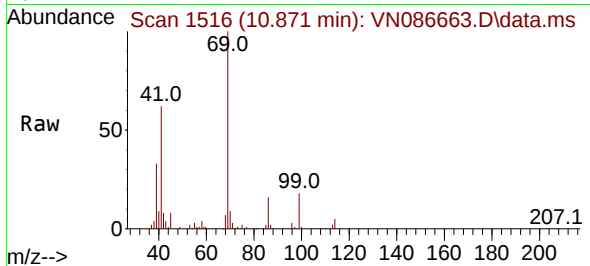
Tgt Ion: 97 Resp: 45950
 Ion Ratio Lower Upper
 97 100
 83 83.1 69.3 103.9
 85 55.1 45.5 68.3
 99 63.0 49.0 73.6





#51
Ethyl methacrylate
Concen: 19.669 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



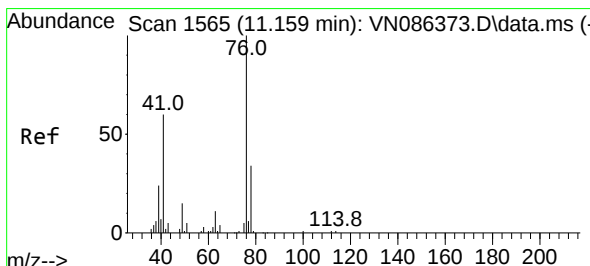
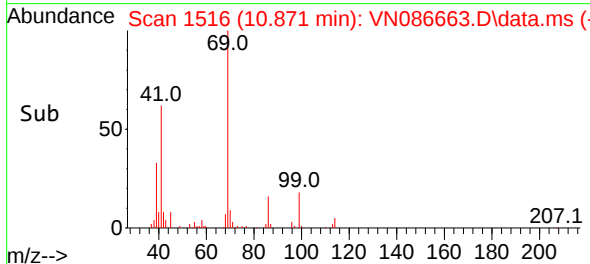
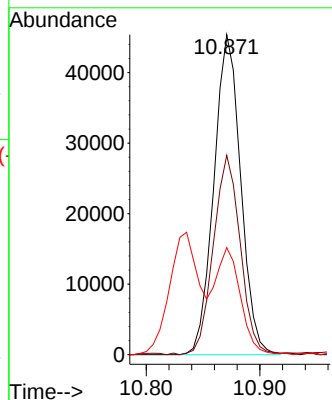
Tgt Ion: 69 Resp: 7447
Ion Ratio Lower Upper
69 100
41 62.3 32.3 96.8
39 33.1 19.1 57.1

Manual Integrations
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Reviewed By :John
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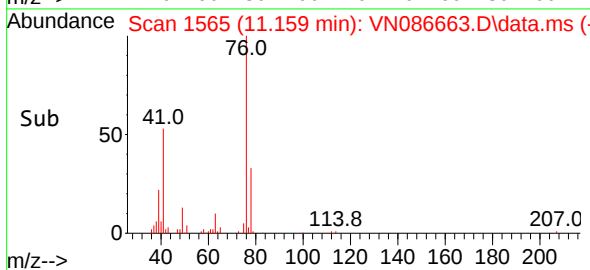
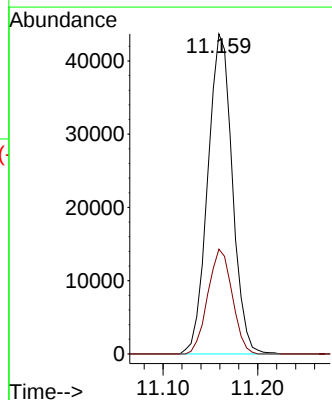
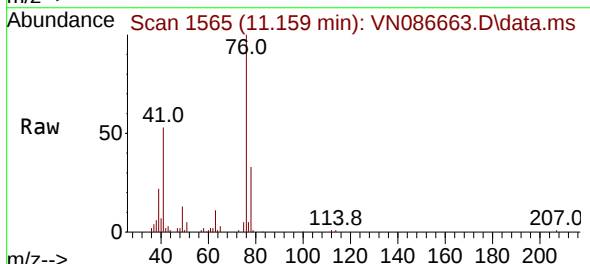
05/19/2025
Supervised By :Mahesh
Dadoda

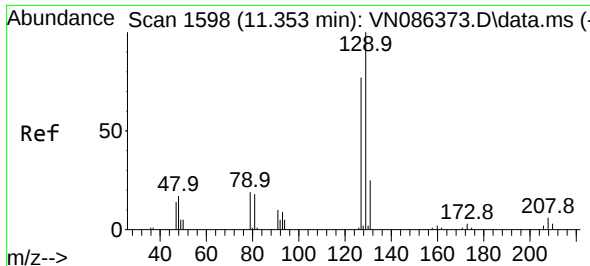
05/19/2025



#52
1,3-Dichloropropane
Concen: 20.499 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

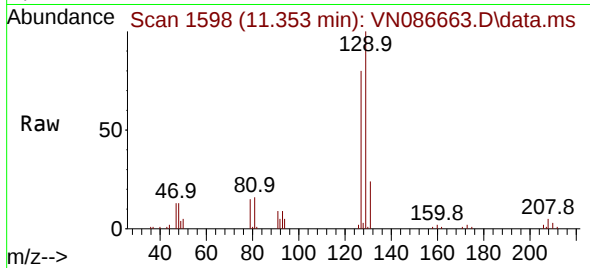
Tgt Ion: 76 Resp: 78765
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.6





#53
Dibromochloromethane
Concen: 20.080 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



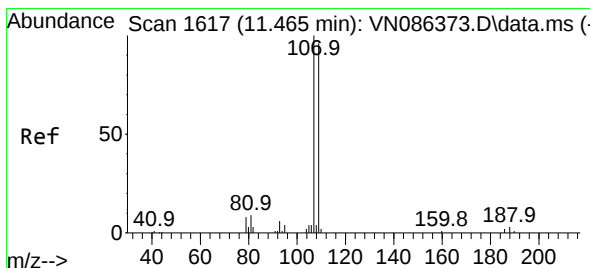
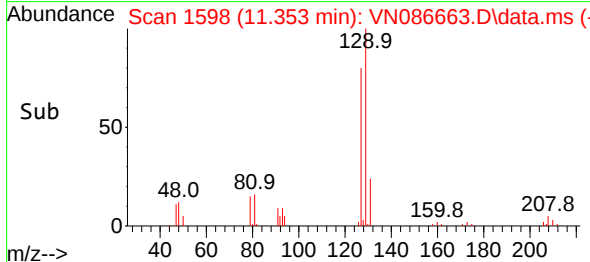
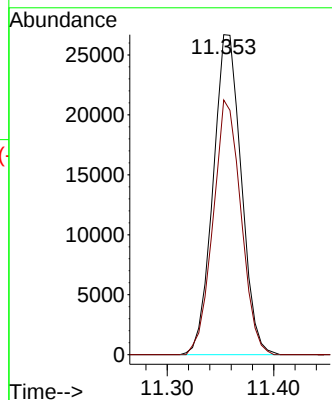
Tgt Ion:129 Resp: 4902
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.3

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Reviewed By :John
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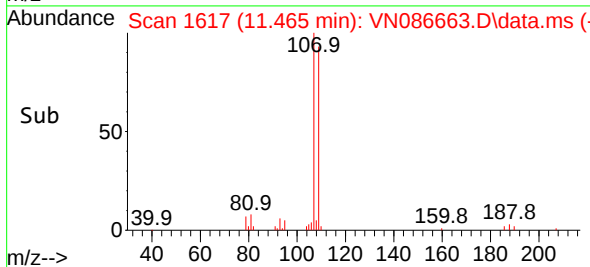
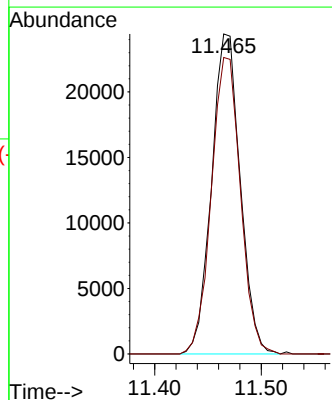
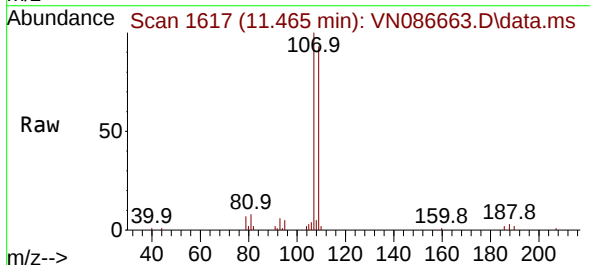
05/19/2025
Supervised By :Mahesh
Dadoda

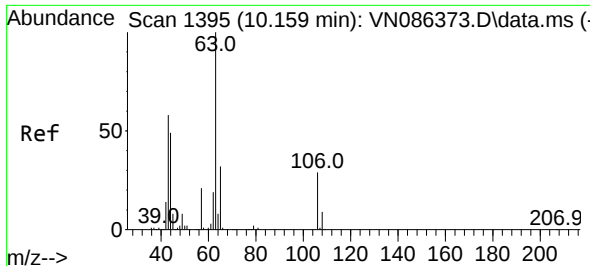
05/19/2025



#54
1,2-Dibromoethane
Concen: 20.613 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

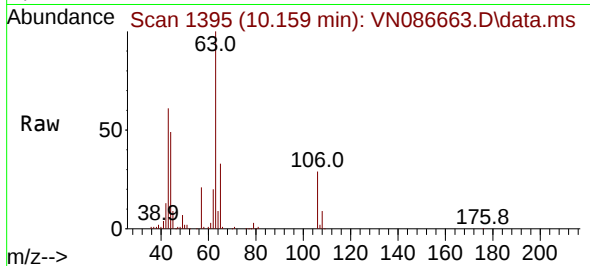
Tgt Ion:107 Resp: 45566
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 93.829 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



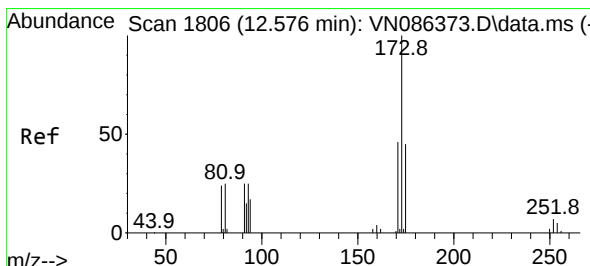
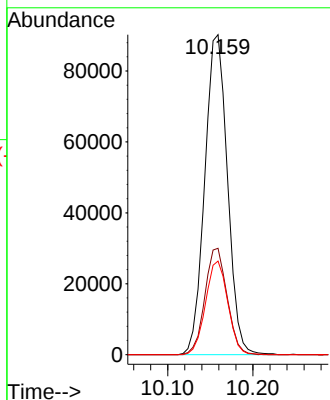
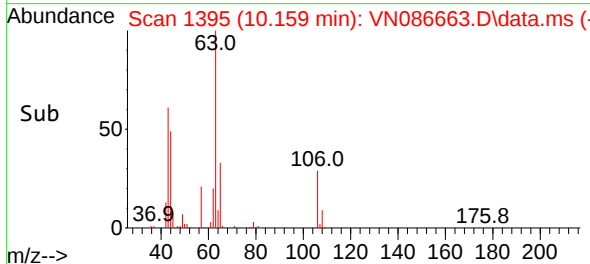
Tgt Ion: 63 Resp: 167035
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 28.6 22.3 33.5

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Reviewed By :John
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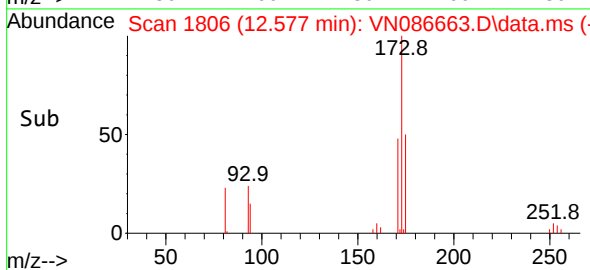
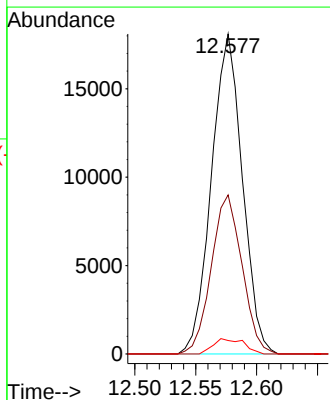
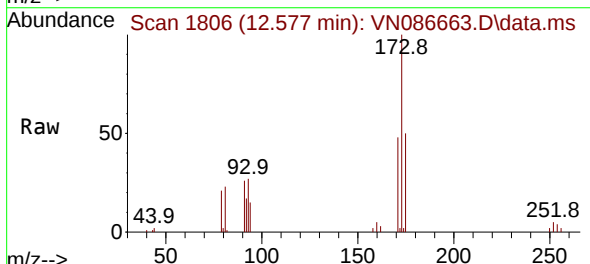
05/19/2025
Supervised By :Mahesh
Dadoda

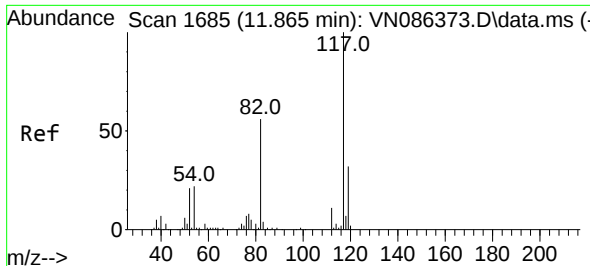
05/19/2025



#56
Bromoform
Concen: 20.168 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

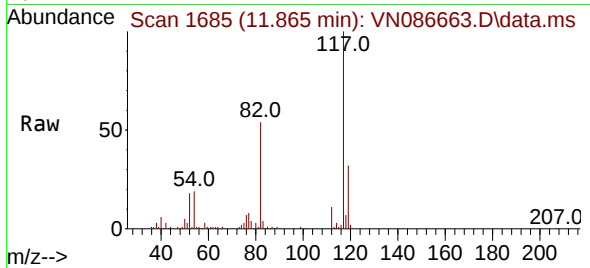
Tgt Ion:173 Resp: 31950
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.6
254 3.4 3.8 5.6#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



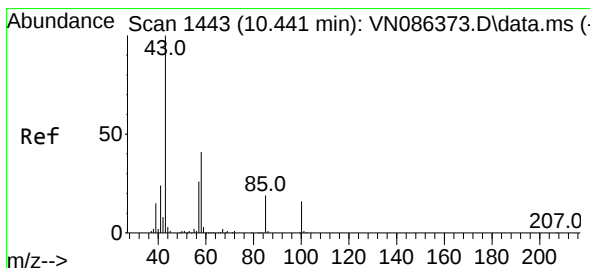
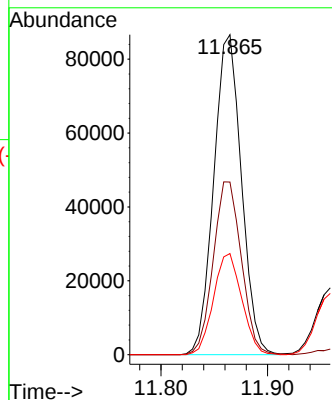
Tgt Ion: 117 Resp: 156348
Ion Ratio Lower Upper
117 100
82 55.0 45.5 68.3
119 32.3 25.9 38.9

Manual Integrations
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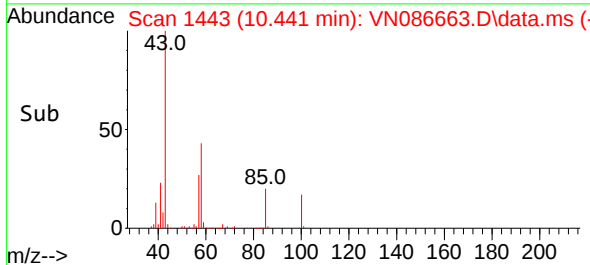
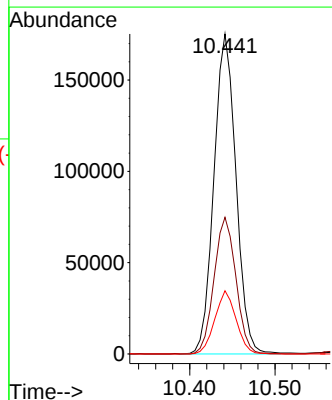
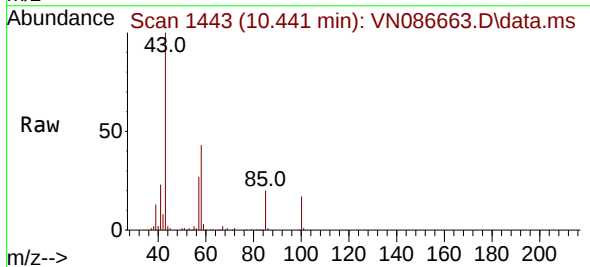
05/19/2025
Supervised By :Mahesh
Dadoda

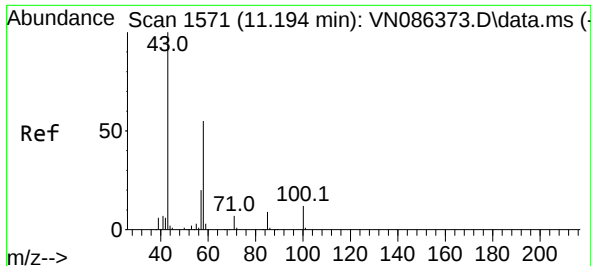
05/19/2025



#58
4-Methyl-2-Pentanone
Concen: 104.151 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

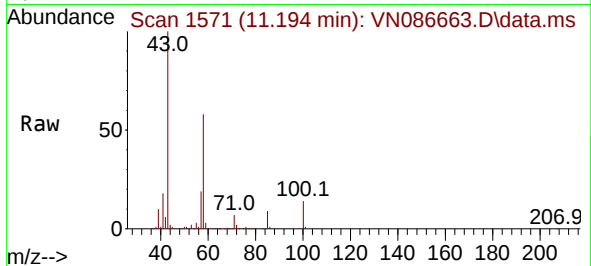
Tgt Ion: 43 Resp: 315116
Ion Ratio Lower Upper
43 100
58 42.3 33.0 49.6
85 19.1 14.9 22.3





#59
2-Hexanone
Concen: 104.454 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



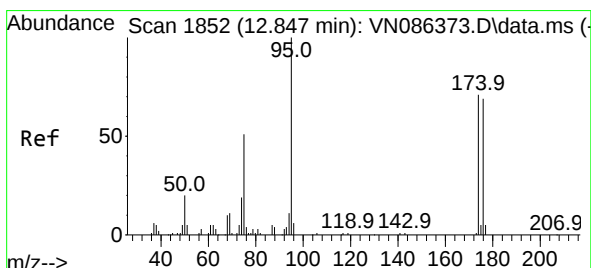
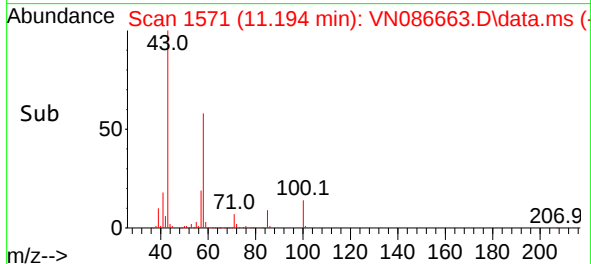
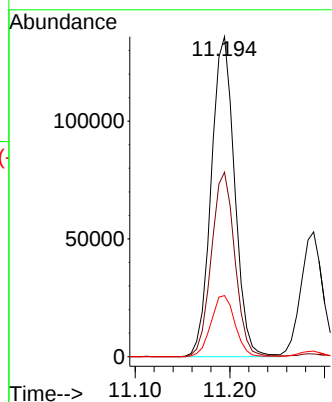
Tgt Ion: 43 Resp: 23289
Ion Ratio Lower Upper
43 100
58 57.9 45.0 67.6
57 19.6 15.5 23.3

Manual Integrations
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Reviewed By :John
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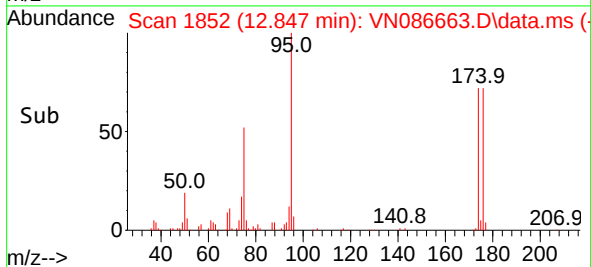
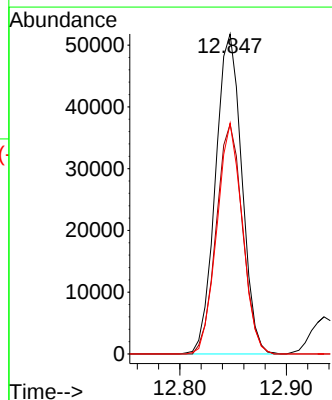
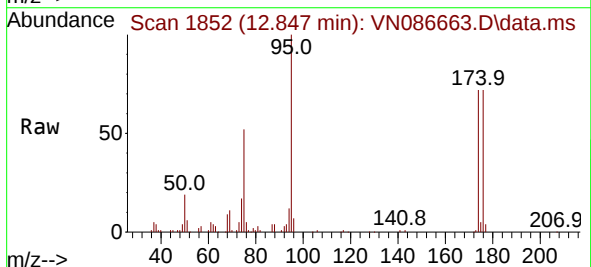
05/19/2025
Supervised By :Mahesh
Dadoda

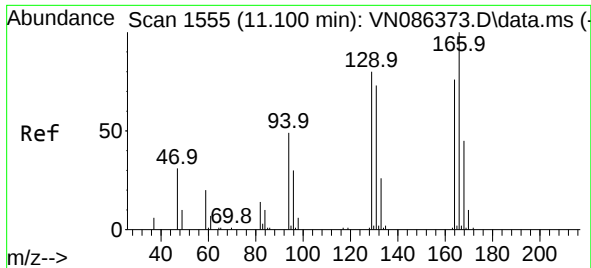
05/19/2025



#60
4-Bromofluorobenzene
Concen: 28.927 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

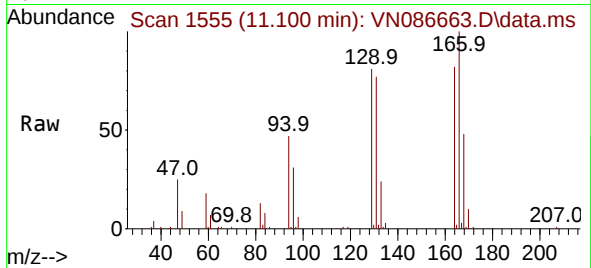
Tgt Ion: 95 Resp: 88889
Ion Ratio Lower Upper
95 100
174 71.7 56.6 84.8
176 69.6 53.3 79.9





#61
Tetrachloroethene
Concen: 19.878 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



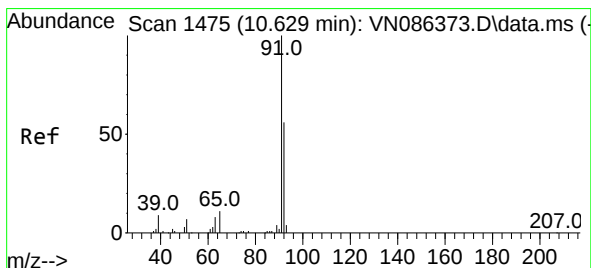
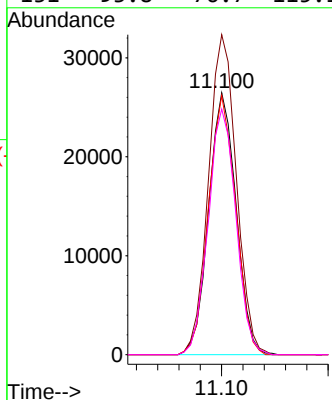
Tgt Ion:164 Resp: 47402
Ion Ratio Lower Upper
164 100
166 122.2 105.0 157.4
129 98.9 83.9 125.9
131 93.8 76.7 115.1

Manual Integrations
APPROVED

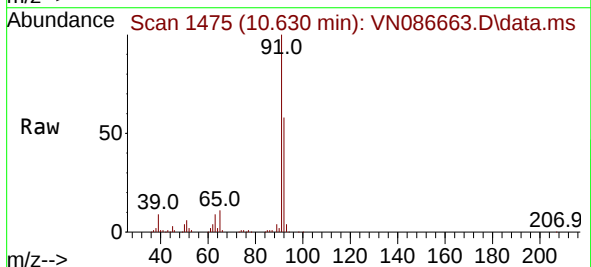
Reviewed By :John
Carlone

05/19/2025
Supervised By :Mahesh
Dadoda

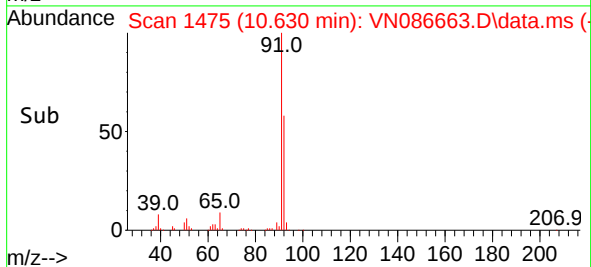
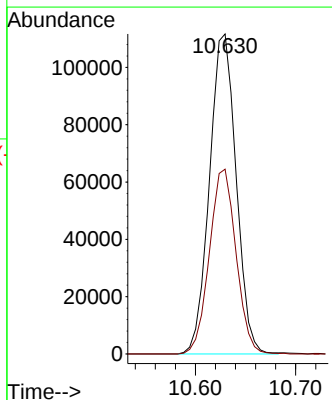
05/19/2025

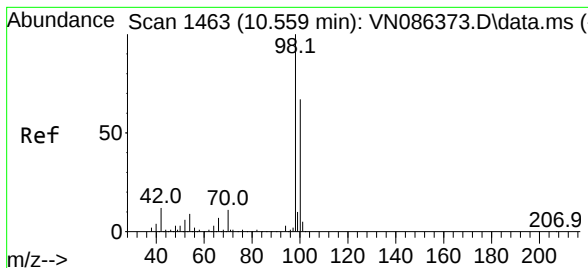


#62
Toluene
Concen: 19.732 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46



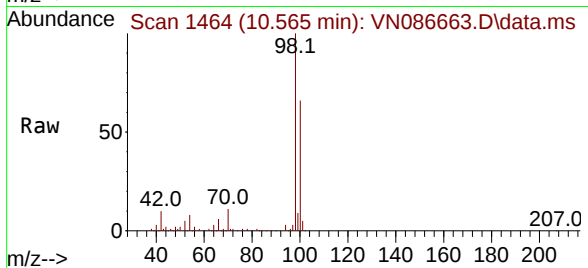
Tgt Ion: 91 Resp: 206502
Ion Ratio Lower Upper
91 100
92 57.7 45.7 68.5





#63
Toluene-d8
Concen: 29.533 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



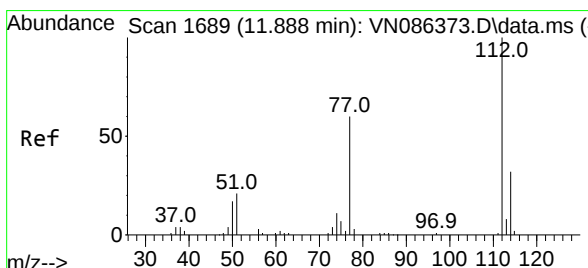
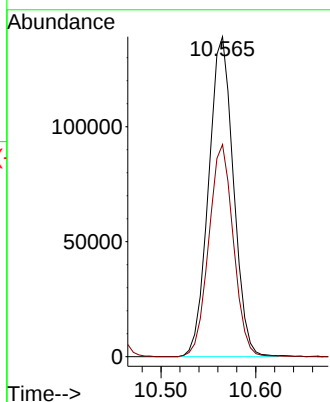
Tgt Ion: 98 Resp: 25402
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

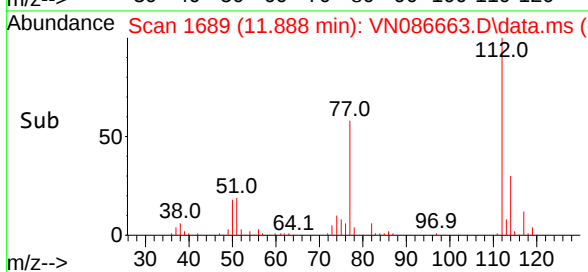
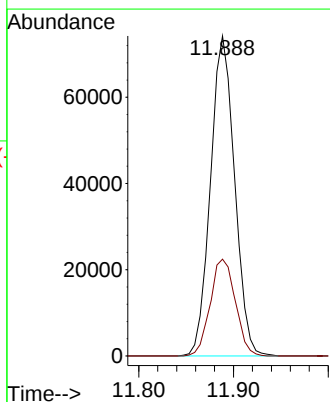
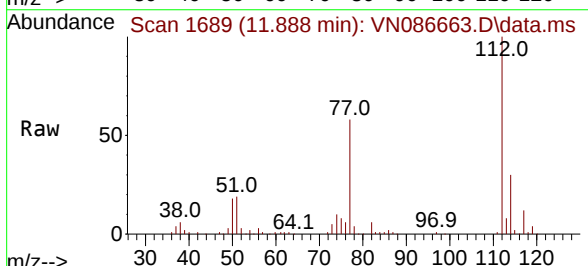
05/19/2025
Supervised By :Mahesh
Dadoda

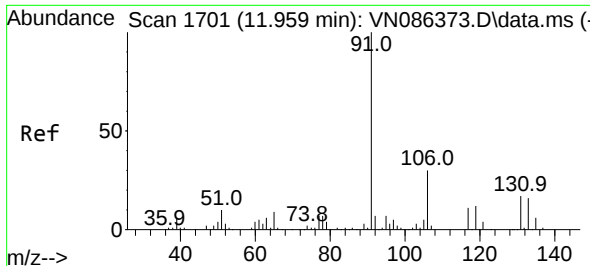
05/19/2025



#64
Chlorobenzene
Concen: 20.137 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

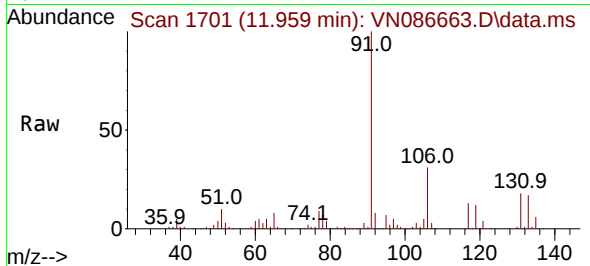
Tgt Ion:112 Resp: 131310
Ion Ratio Lower Upper
112 100
114 30.2 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.277 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



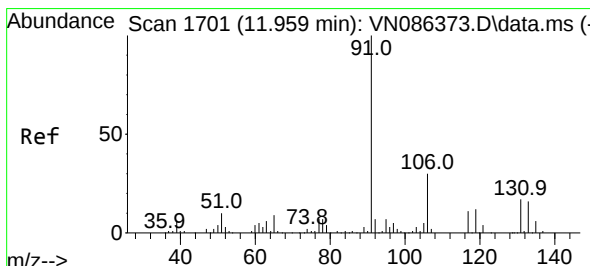
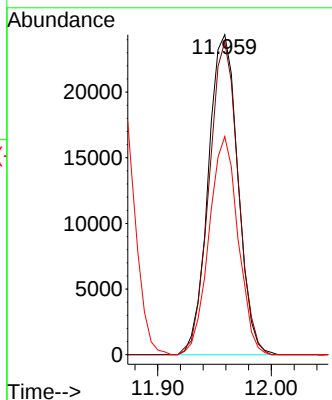
Tgt Ion:131 Resp: 4421
Ion Ratio Lower Upper
131 100
133 95.9 0.0 191.4
119 66.5 0.0 133.6

Manual Integrations
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Reviewed By :John
Carlone

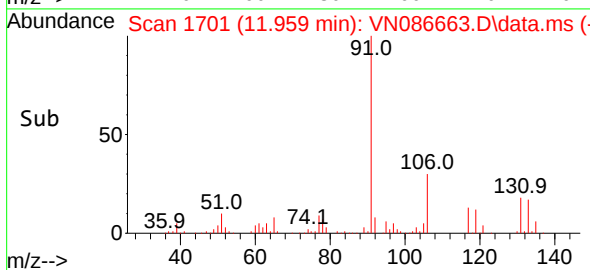
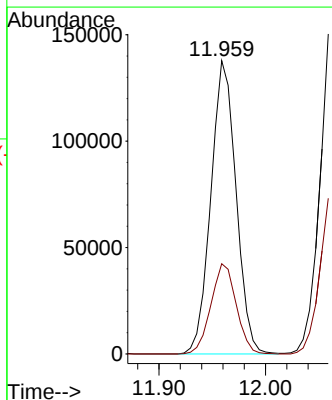
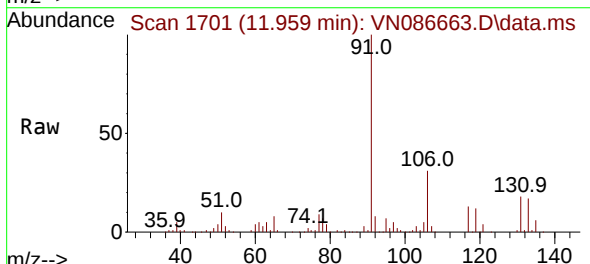
05/19/2025
Supervised By :Mahesh
Dadoda

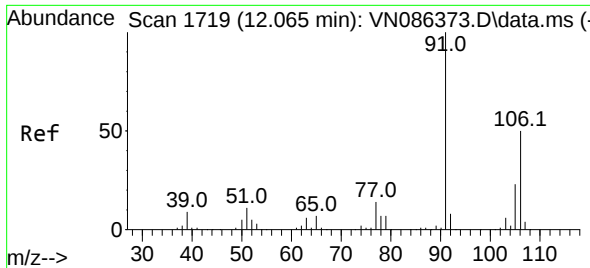
05/19/2025



#66
Ethyl Benzene
Concen: 19.198 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion: 91 Resp: 226147
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5





#67
m/p-Xylenes
Concen: 38.767 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

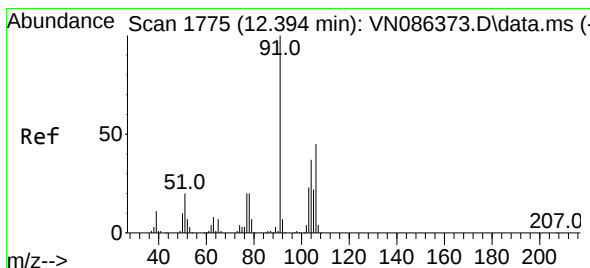
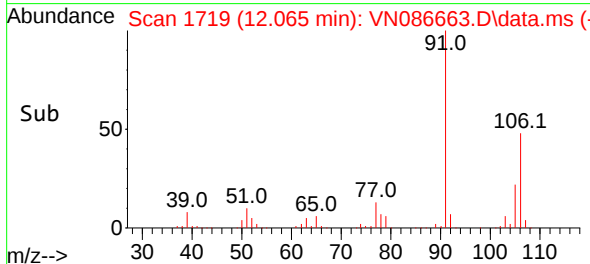
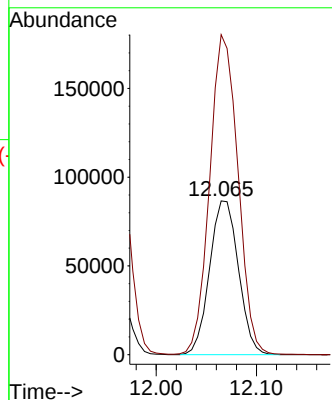
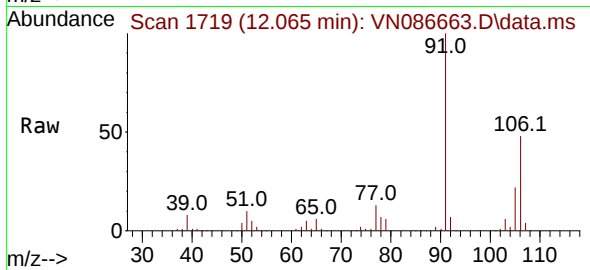
Tgt Ion:106 Resp: 173274
Ion Ratio Lower Upper
106 100
91 204.6 162.6 243.8

Manual Integrations
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Reviewed By :John
Carlone

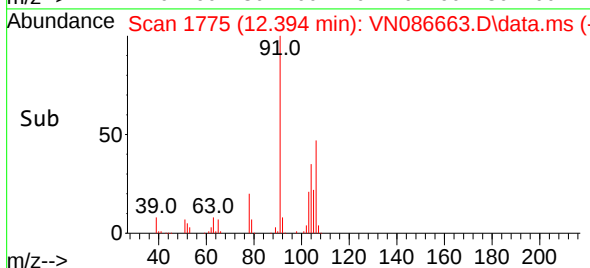
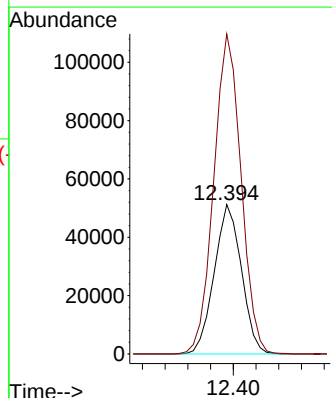
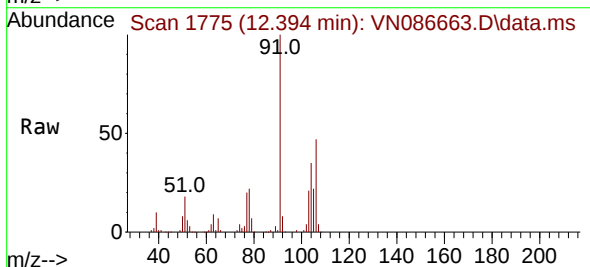
05/19/2025
Supervised By :Mahesh
Dadoda

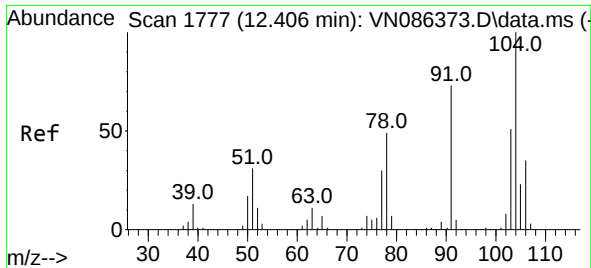
05/19/2025



#68
o-Xylene
Concen: 19.475 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

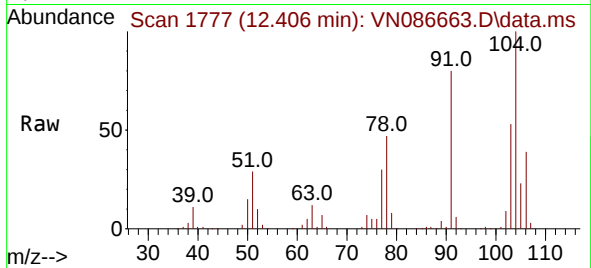
Tgt Ion:106 Resp: 85228
Ion Ratio Lower Upper
106 100
91 214.8 110.6 331.6





#69
Styrene
Concen: 19.368 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



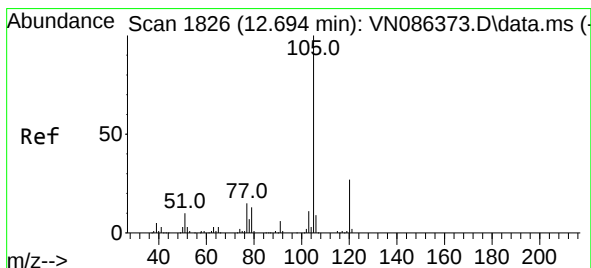
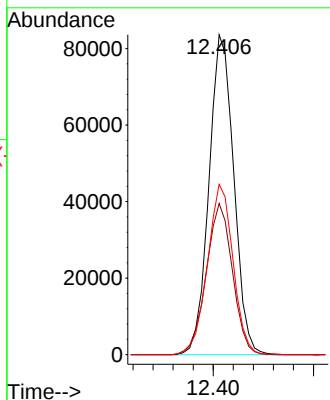
Tgt Ion:104 Resp: 143664
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.4
103 54.9 43.8 65.8

Manual Integrations
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Reviewed By :John
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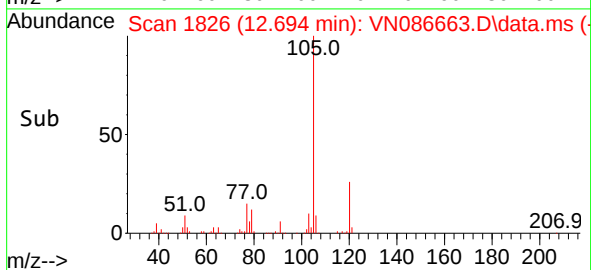
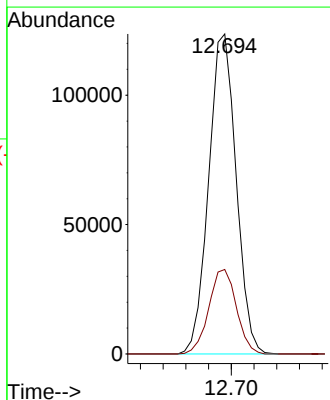
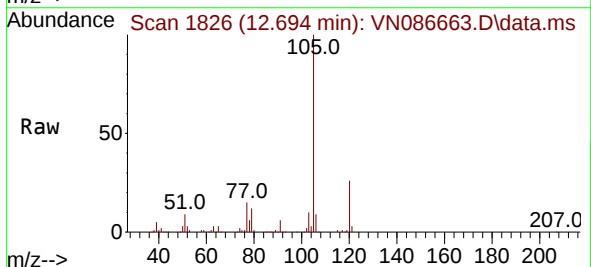
05/19/2025
Supervised By :Mahesh
Dadoda

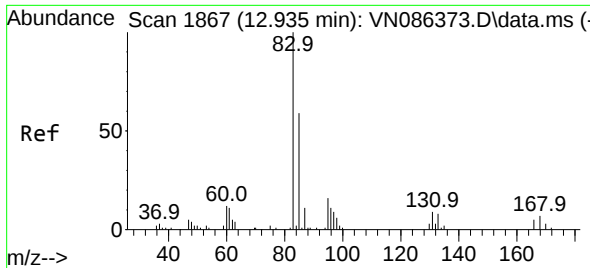
05/19/2025



#70
Isopropylbenzene
Concen: 19.022 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

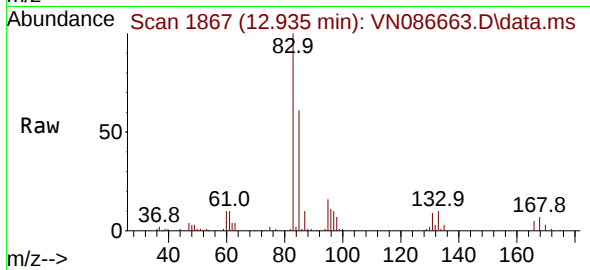
Tgt Ion:105 Resp: 207805
Ion Ratio Lower Upper
105 100
120 26.4 18.2 33.8





#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.862 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01



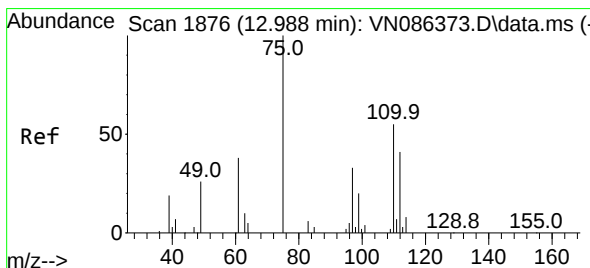
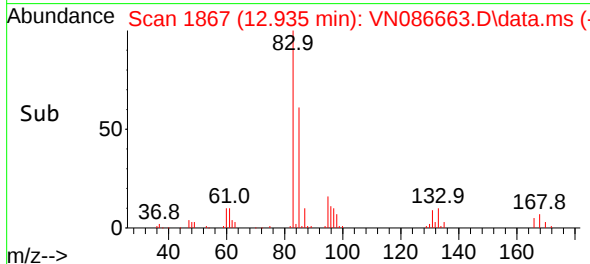
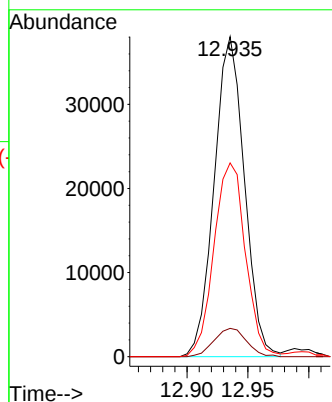
Tgt Ion: 83 Resp: 65762
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.5 13.7
 85 63.0 31.7 95.1

Manual Integrations
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Reviewed By :John
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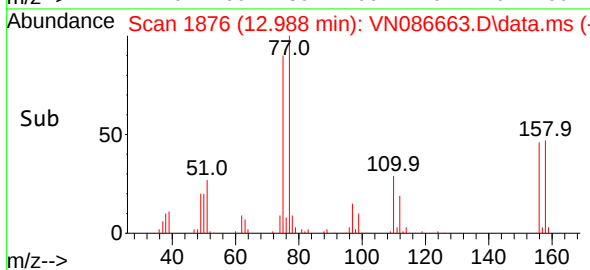
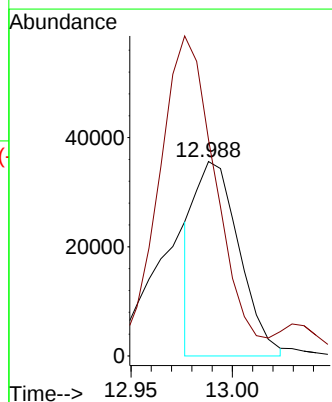
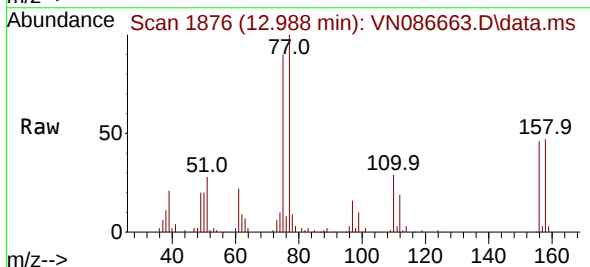
05/19/2025
 Supervised By :Mahesh
 Dadoda

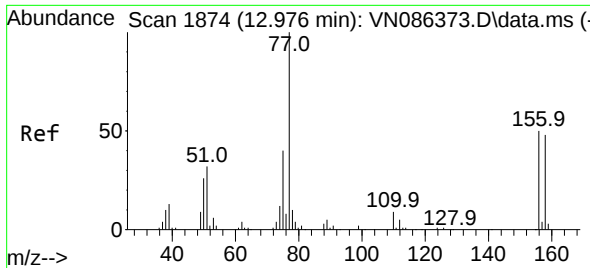
05/19/2025



#72
 1,2,3-Trichloropropane
 Concen: 21.526 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

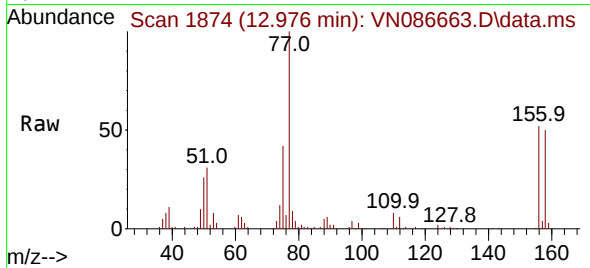
Tgt Ion: 75 Resp: 53982
 Ion Ratio Lower Upper
 75 100
 77 214.1 0.0 464.4





#73
Bromobenzene
Concen: 20.470 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



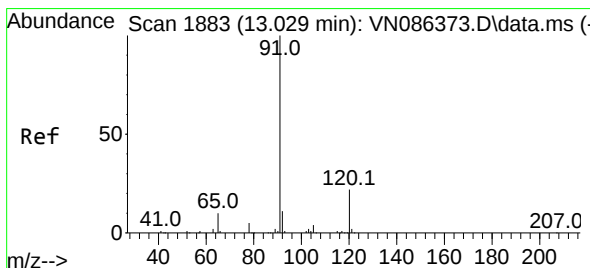
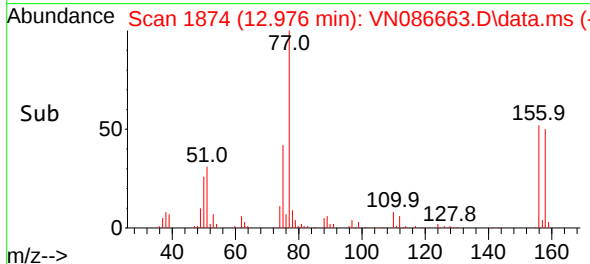
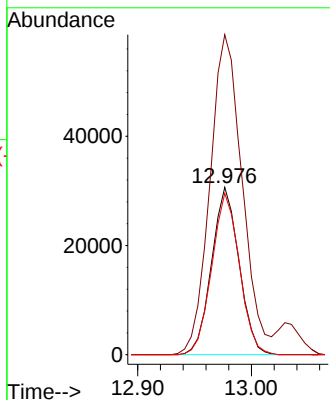
Tgt Ion:156 Resp: 5141
Ion Ratio Lower Upper
156 100
77 224.8 0.0 463.4
158 97.2 0.0 191.8

Manual Integrations
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Reviewed By :John
Carlone

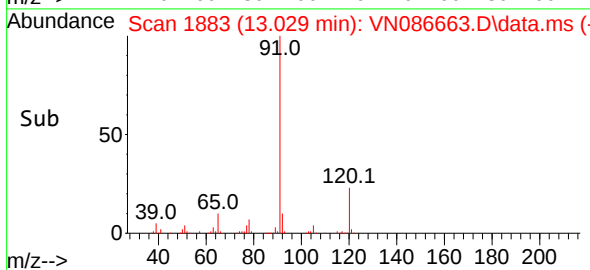
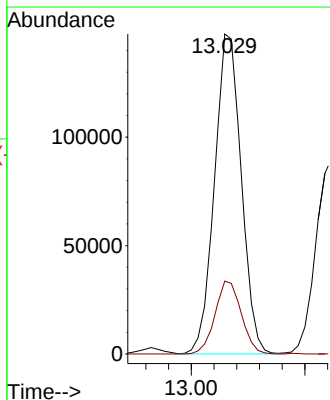
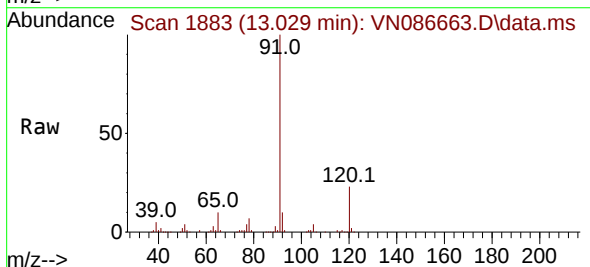
05/19/2025
Supervised By :Mahesh
Dadoda

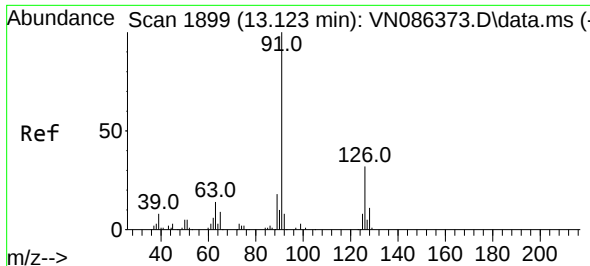
05/19/2025



#74
n-propylbenzene
Concen: 18.626 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

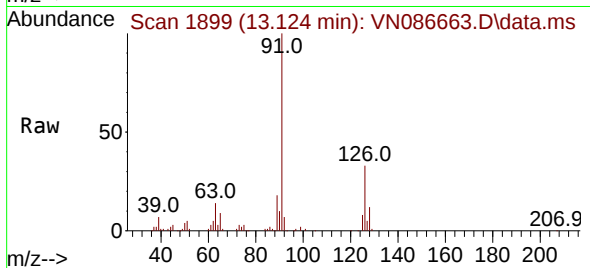
Tgt Ion: 91 Resp: 241796
Ion Ratio Lower Upper
91 100
120 22.3 0.0 43.8





#75
2-Chlorotoluene
Concen: 19.283 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



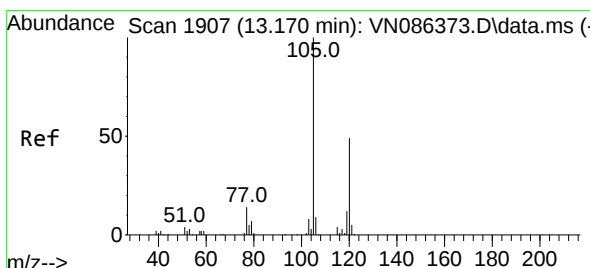
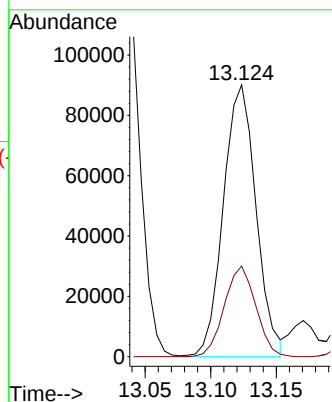
Tgt Ion: 91 Resp: 15626
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.0

Manual Integrations
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Reviewed By :John
Carlone

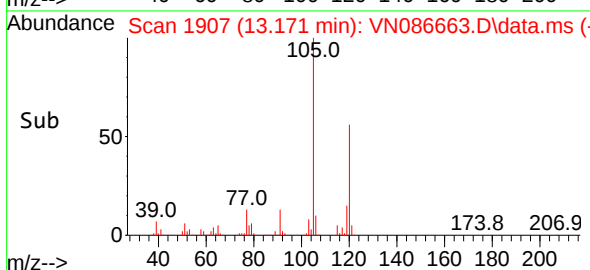
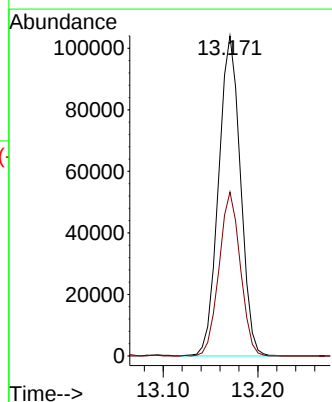
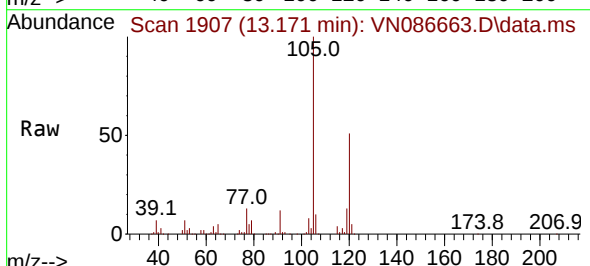
05/19/2025
Supervised By :Mahesh
Dadoda

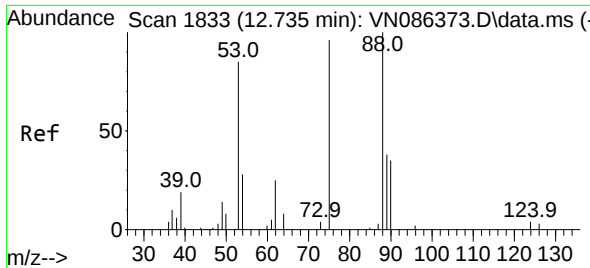
05/19/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.630 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

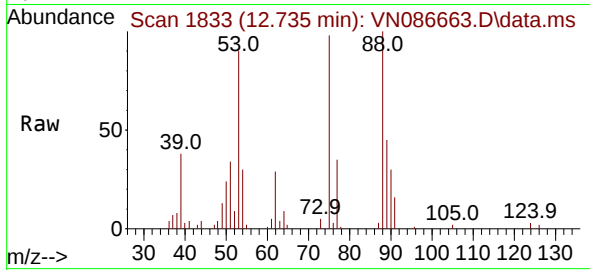
Tgt Ion:105 Resp: 166994
Ion Ratio Lower Upper
105 100
120 49.7 0.0 97.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.300 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



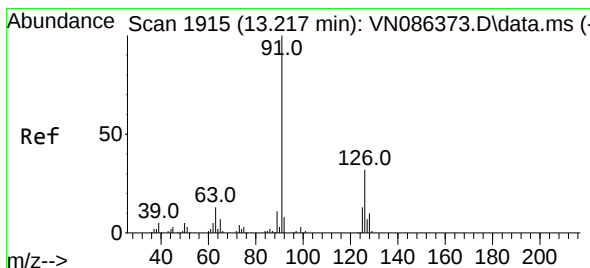
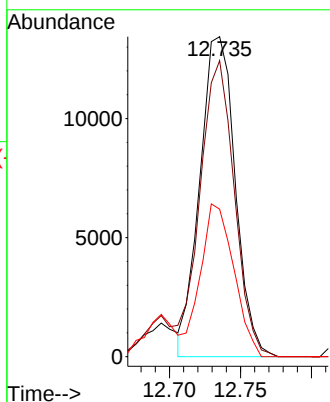
Tgt Ion: 75 Resp: 2329
Ion Ratio Lower Upper
75 100
53 92.5 46.0 138.0
89 46.1 21.6 64.6

Manual Integrations
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Reviewed By :John
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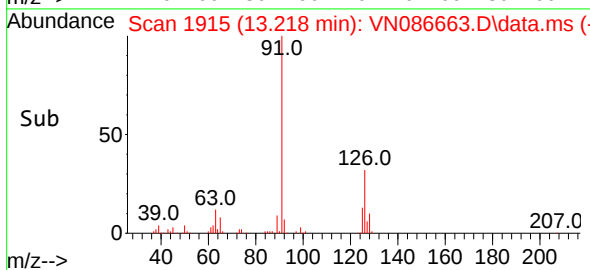
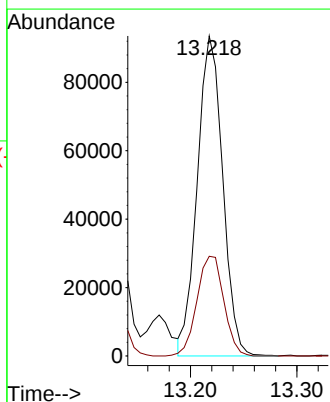
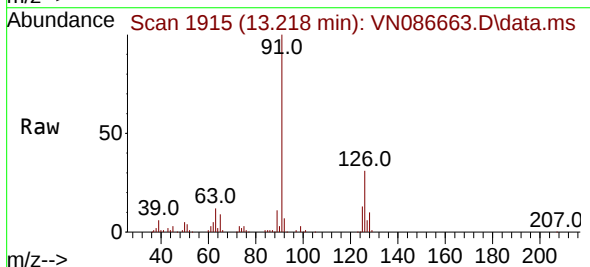
05/19/2025
Supervised By :Mahesh
Dadoda

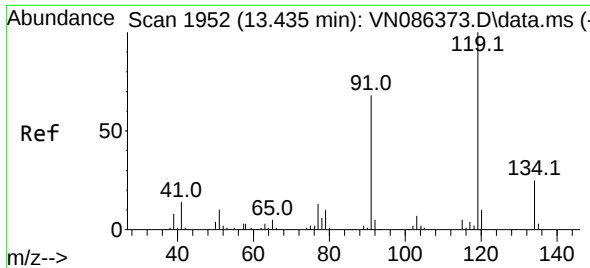
05/19/2025



#78
4-Chlorotoluene
Concen: 19.184 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

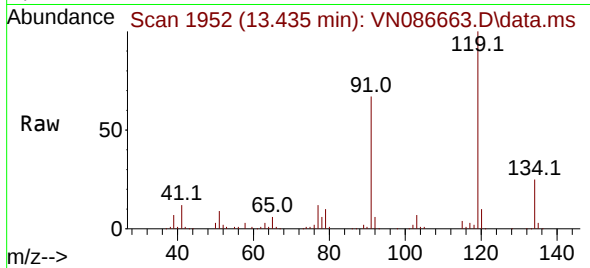
Tgt Ion: 91 Resp: 155443
Ion Ratio Lower Upper
91 100
126 32.9 0.0 65.4





#79
tert-butylbenzene
Concen: 18.722 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



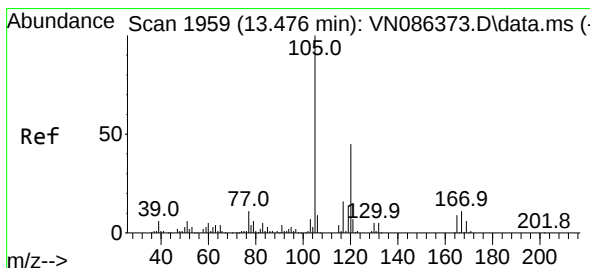
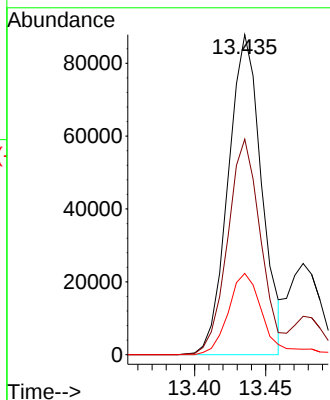
Tgt Ion:119 Resp: 143720
Ion Ratio Lower Upper
119 100
91 67.4 0.0 137.4
134 25.8 0.0 49.2

Manual Integrations
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Reviewed By :John
Carlone

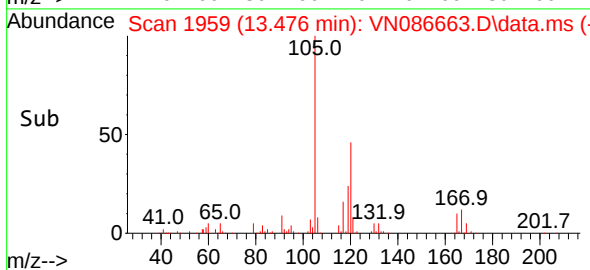
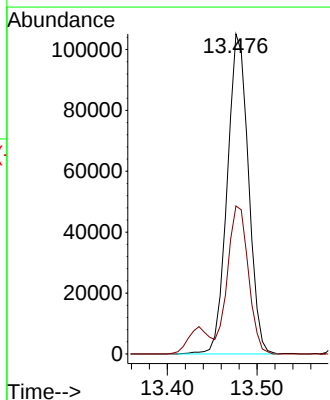
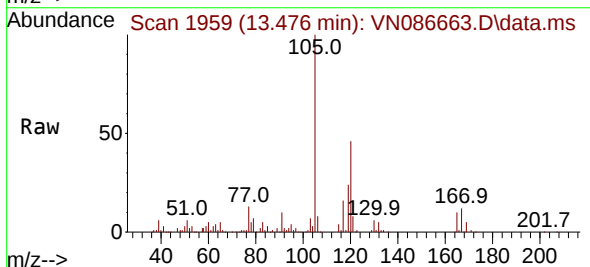
05/19/2025
Supervised By :Mahesh
Dadoda

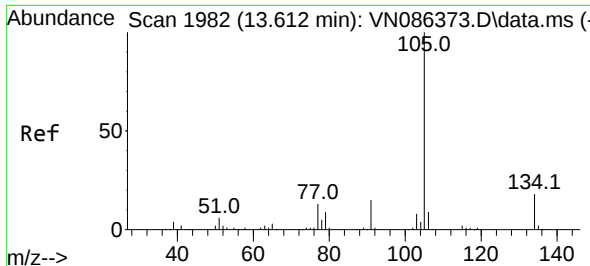
05/19/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.793 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

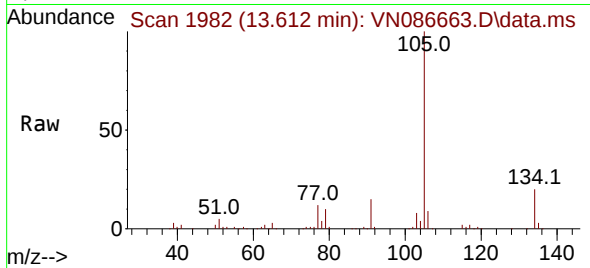
Tgt Ion:105 Resp: 172040
Ion Ratio Lower Upper
105 100
120 45.3 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 18.312 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01



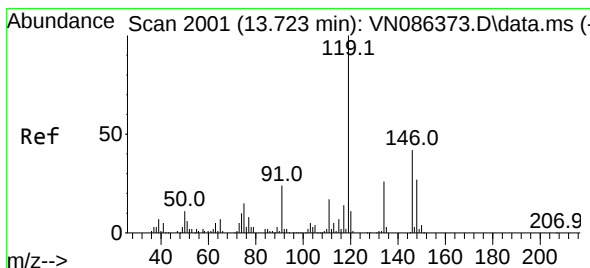
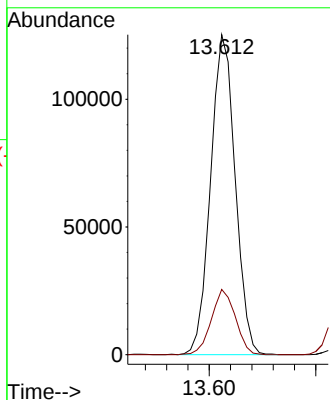
Tgt Ion:105 Resp: 20066
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.4

Manual Integrations
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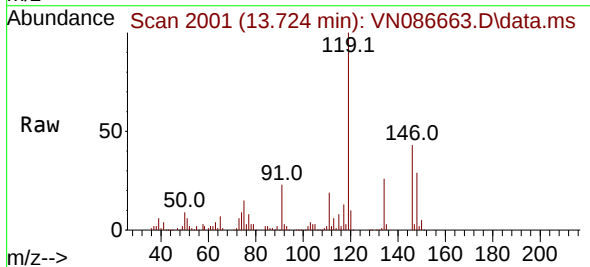
Reviewed By :John
 Carlone

05/19/2025
 Supervised By :Mahesh
 Dadoda

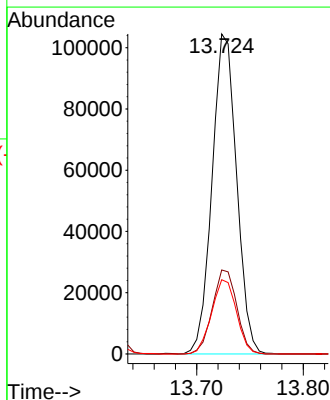
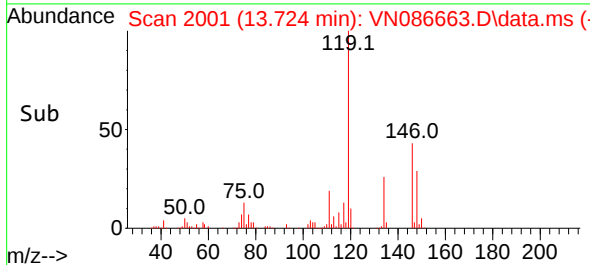
05/19/2025

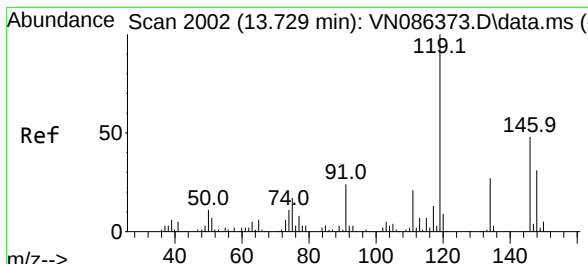


#82
 p-Isopropyltoluene
 Concen: 18.231 ug/l
 RT: 13.724 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46



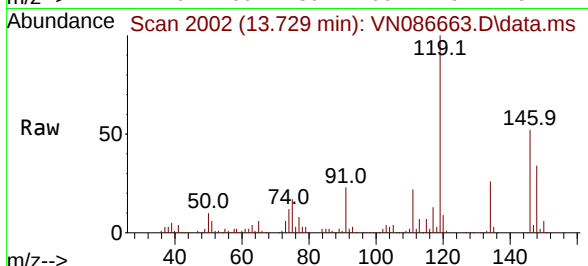
Tgt Ion:119 Resp: 167166
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 23.5 0.0 47.6





#83
 1,3-Dichlorobenzene
 Concen: 19.203 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01



Tgt Ion:146 Resp: 91169

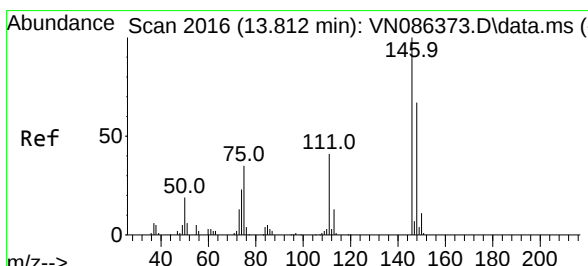
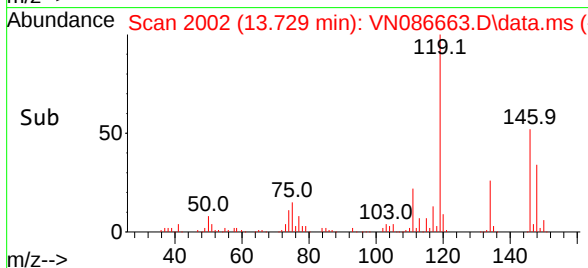
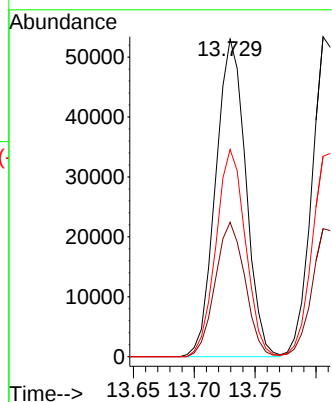
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.7	62.1
148	64.0	32.3	96.8

Manual Integrations
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Reviewed By :John
 Carlone

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 Supervised By :Mahesh
 Dadoda

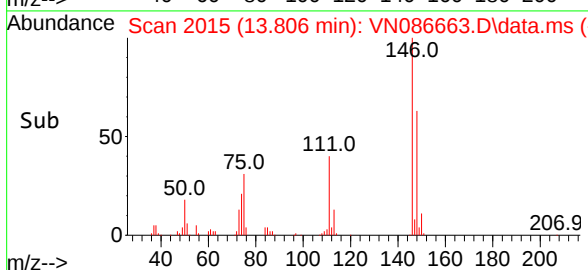
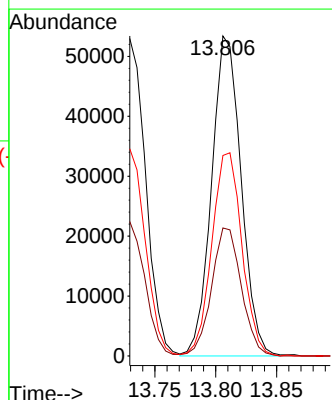
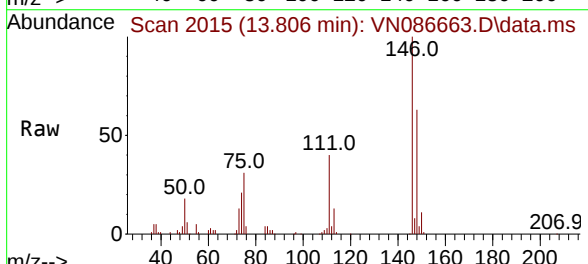
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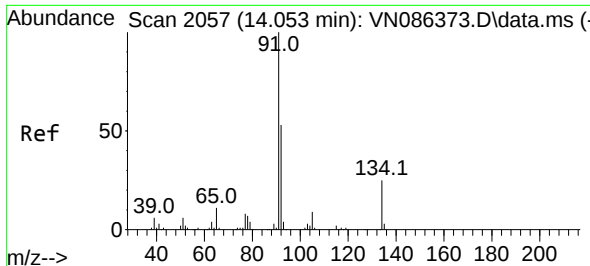


#84
 1,4-Dichlorobenzene
 Concen: 19.243 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN086663.D
 Acq: 16 May 2025 12:46

Tgt Ion:146 Resp: 90263

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	64.7	32.4	97.2





#85
n-Butylbenzene
Concen: 17.191 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

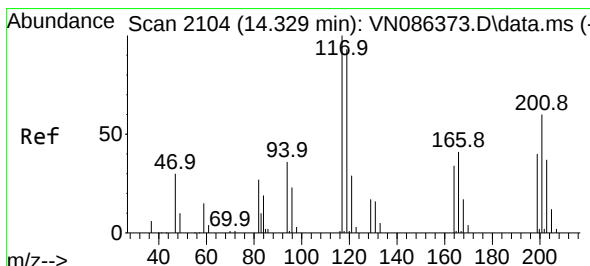
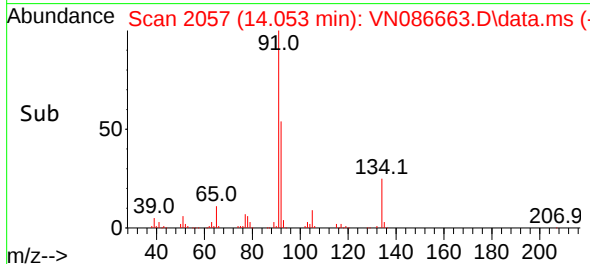
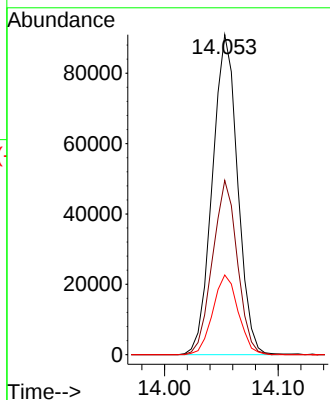
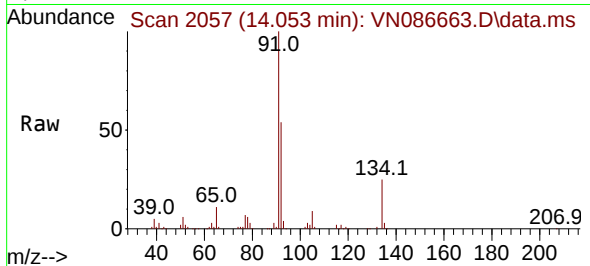
Tgt Ion: 91 Resp: 140650
Ion Ratio Lower Upper
91 100
92 53.4 0.0 107.2
134 25.0 0.0 48.2

Manual Integrations
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Reviewed By :John
Carlone

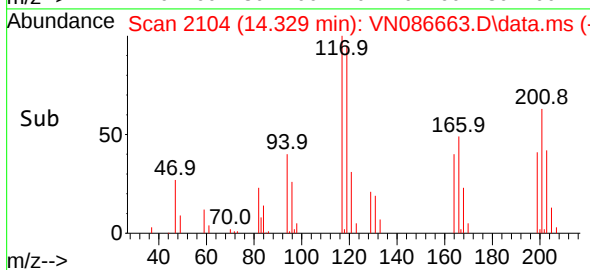
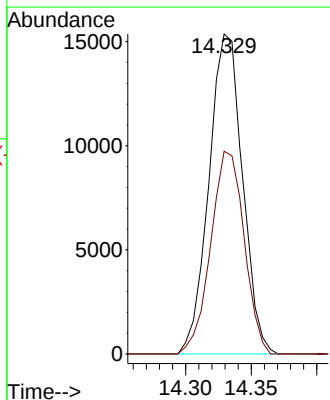
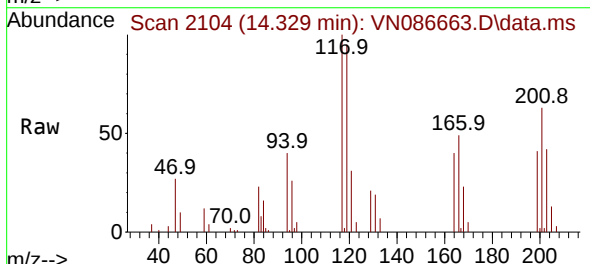
05/19/2025
Supervised By :Mahesh
Dadoda

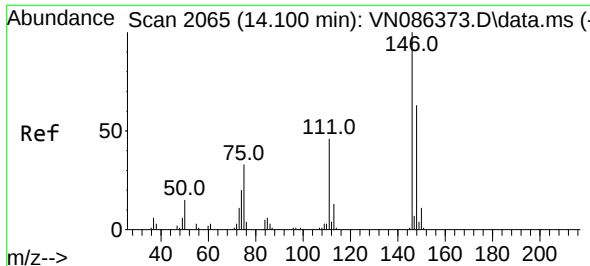
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#86
Hexachloroethane
Concen: 18.247 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

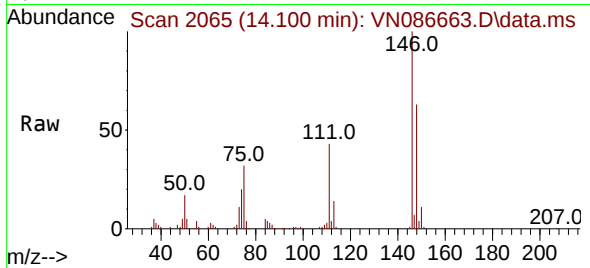
Tgt Ion:117 Resp: 27359
Ion Ratio Lower Upper
117 100
201 63.0 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 20.024 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



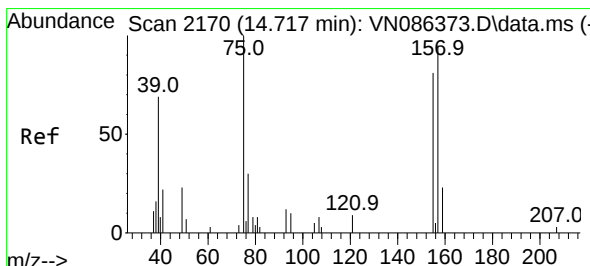
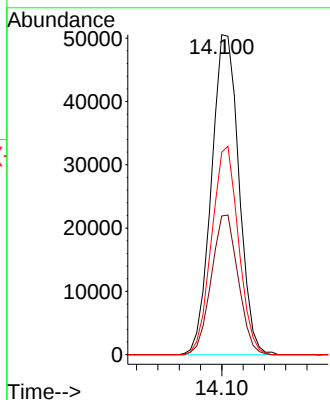
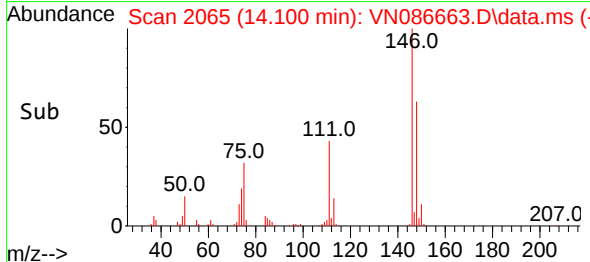
Tgt Ion:146 Resp: 90450
Ion Ratio Lower Upper
146 100
111 42.7 22.1 66.3
148 63.7 32.0 96.0

Manual Integrations
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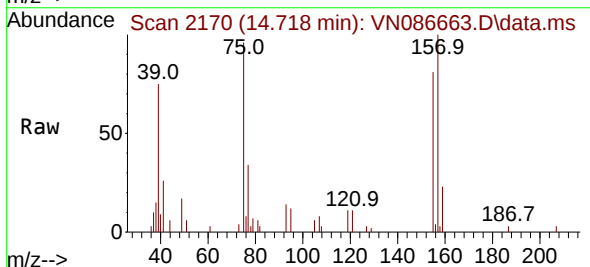
Reviewed By :John
Carlone

05/19/2025
Supervised By :Mahesh
Dadoda

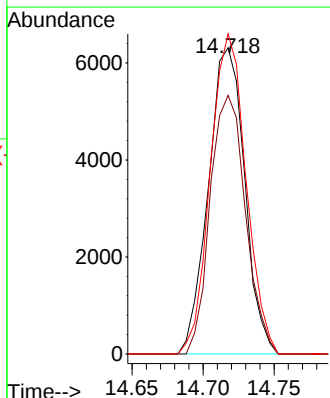
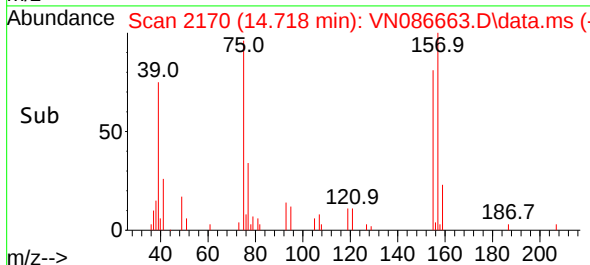
05/19/2025

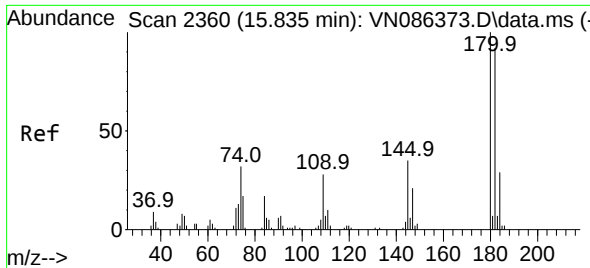


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.180 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46



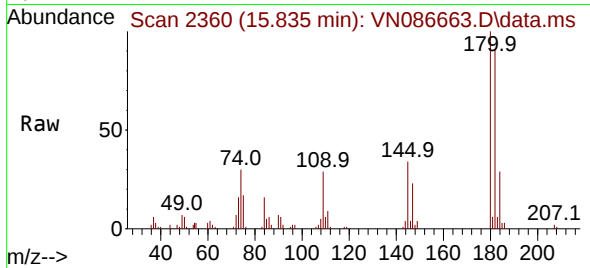
Tgt Ion: 75 Resp: 11214
Ion Ratio Lower Upper
75 100
155 82.4 64.0 96.0
157 102.6 78.2 117.4





#89
1,2,4-Trichlorobenzene
Concen: 18.716 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



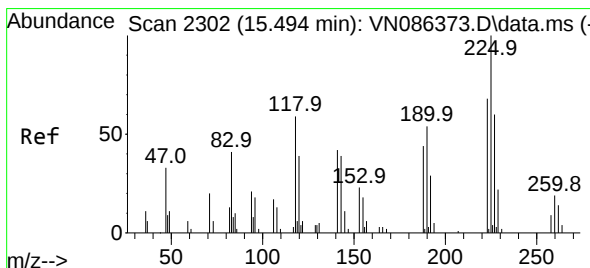
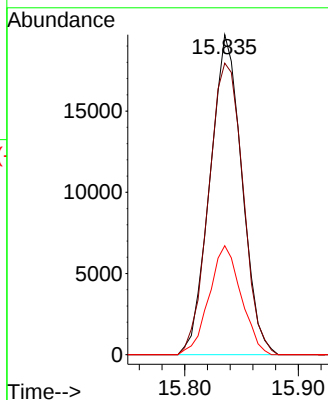
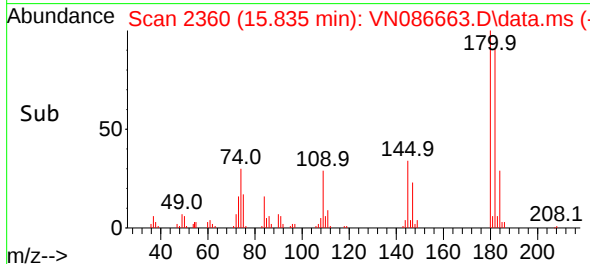
Tgt Ion:180 Resp: 3853
Ion Ratio Lower Upper
180 100
182 97.8 74.8 112.2
145 34.1 26.9 40.3

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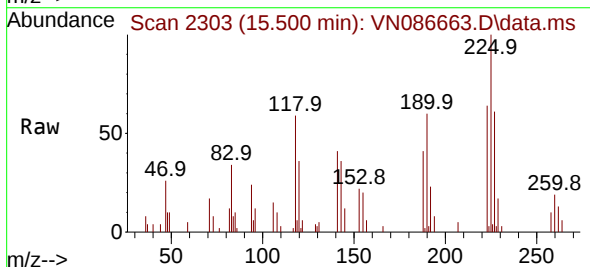
Reviewed By :John
Carlone

05/19/2025
Supervised By :Mahesh
Dadoda

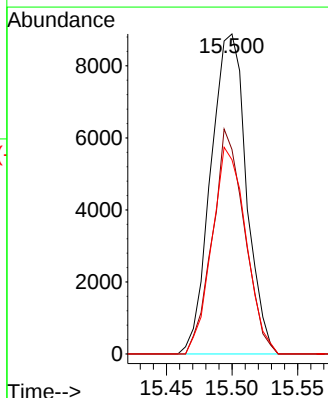
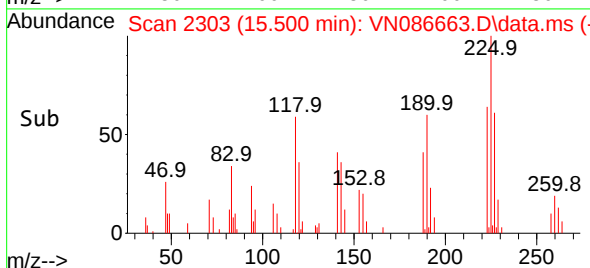
05/19/2025

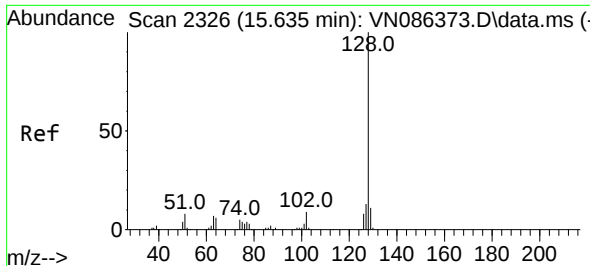


#90
Hexachlorobutadiene
Concen: 20.196 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46



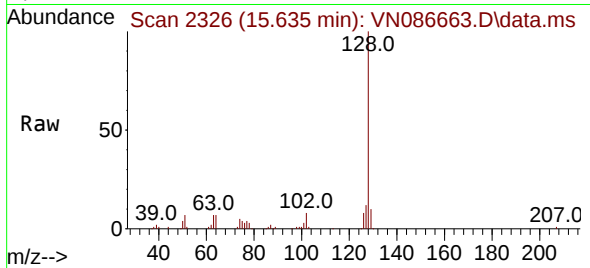
Tgt Ion:225 Resp: 16749
Ion Ratio Lower Upper
225 100
223 63.3 0.0 128.8
227 61.9 0.0 120.2





#91
Naphthalene
Concen: 18.457 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



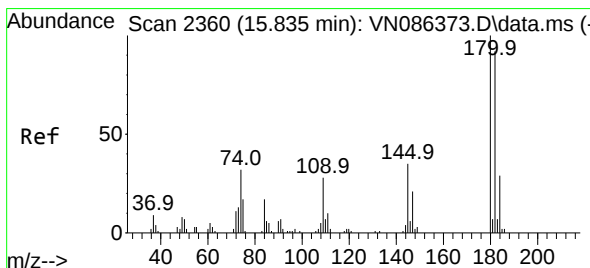
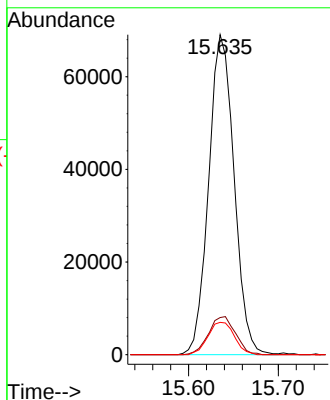
Tgt Ion:128 Resp: 136040
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

05/19/2025
Supervised By :Mahesh
Dadoda

05/19/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.716 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086663.D
Acq: 16 May 2025 12:46

Tgt Ion:180 Resp: 38535
Ion Ratio Lower Upper
180 100
182 97.8 0.0 187.0
145 34.1 0.0 67.2

