

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086376.D
 Acq On : 23 Apr 2025 10:57
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 04:23:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 03:57:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	11862	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	69437	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	63916	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	34906	30.522	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.733%			
60) 4-Bromofluorobenzene	12.847	95	37942	30.203	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.667%			
63) Toluene-d8	10.565	98	108036	30.724	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	62095	75.824	ug/l	98
3) Chloromethane	2.359	50	87795	75.471	ug/l	97
4) Vinyl Chloride	2.518	62	84710	76.030	ug/l	100
5) Bromomethane	2.959	94	45317	77.906	ug/l	96
6) Chloroethane	3.124	64	55384	74.564	ug/l	96
7) Trichlorofluoromethane	3.501	101	95240	72.419	ug/l	99
8) Diethyl Ether	3.959	74	40693	73.303	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	58145	71.916	ug/l	98
10) 1,1-Dichloroethene	4.342	96	60388	72.974	ug/l	95
11) Methyl Iodide	4.589	142	74782	77.234	ug/l	100
12) Methyl Acetate	5.024	43	87299	74.428	ug/l	97
13) Acrolein	4.177	56	16251	355.386	ug/l	96
14) Acrylonitrile	5.712	53	170864	391.402	ug/l	100
15) Acetone	4.424	58	41724	346.858	ug/l	94
16) Carbon Disulfide	4.712	76	166254	76.243	ug/l	97
17) Allyl chloride	5.024	41	97736	73.864	ug/l	95
18) Methylene Chloride	5.271	84	71345	75.706	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	64601	73.241	ug/l	94
20) Diisopropyl ether	6.671	45	225395	71.641	ug/l	97
21) 1,1-Dichloroethane	6.571	63	126406	73.399	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	81190	73.614	ug/l	98
23) tert-Butyl Alcohol	5.512	59	68563	405.435	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	223875	73.222	ug/l	99
25) Chloroform	7.965	83	127422	73.108	ug/l	99
26) Cyclohexane	8.253	56	110055	72.376	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	88931	72.649	ug/l	99
30) 2-Butanone	7.477	43	227570	383.017	ug/l	100
31) 2,2-Dichloropropane	7.489	77	113875	72.367	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	108658	74.281	ug/l	99
33) Carbon Tetrachloride	8.359	117	87746	72.867	ug/l	99
34) Benzene	8.600	78	293359	75.347	ug/l	97
35) Methacrylonitrile	7.777	41	51676	76.245	ug/l	96
36) 1,2-Dichloroethane	8.665	62	97403	77.054	ug/l	99
37) Trichloroethene	9.347	130	69973	71.790	ug/l	93
38) Methylcyclohexane	9.594	83	108000	76.391	ug/l	99
39) 1,2-Dichloropropane	9.618	63	71908	74.760	ug/l	95
40) Dibromomethane	9.706	93	48198	74.930	ug/l	96
41) Bromodichloromethane	9.883	83	102621	75.389	ug/l	98
42) Vinyl Acetate	6.600	43	804778	391.011	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	88205	75.017	ug/l	95
44) Isopropyl Acetate	8.683	43	169581	75.991	ug/l	100
45) 1,4-Dioxane	9.688	88	28757	1651.615	ug/l	93
46) Methyl methacrylate	9.677	41	77502	75.291	ug/l	100
47) n-amyl Acetate	12.488	43	138197	72.657	ug/l	99
48) t-1,3-Dichloropropene	10.830	75	114069	74.956	ug/l	100
49) cis-1,3-Dichloropropene	10.306	75	119618	74.536	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	67413	75.031	ug/l	98
51) Ethyl methacrylate	10.871	69	115746	73.970	ug/l	99
52) 1,3-Dichloropropane	11.159	76	120207	75.700	ug/l	99
53) Dibromochloromethane	11.353	129	74841	74.183	ug/l	98
54) 1,2-Dibromoethane	11.465	107	67963	74.396	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	31544	42.877	ug/l	99
56) Bromoform	12.576	173	47975	73.279	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	477113	385.744	ug/l	99
59) 2-Hexanone	11.188	43	353145	387.442	ug/l	100
61) Tetrachloroethene	11.100	164	70658	72.481	ug/l	98
62) Toluene	10.630	91	316128	73.892	ug/l	100
64) Chlorobenzene	11.888	112	195149	73.205	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	65207	73.155	ug/l	99
66) Ethyl Benzene	11.959	91	349954	72.670	ug/l	99
67) m/p-Xylenes	12.071	106	264965	145.012	ug/l	99
68) o-Xylene	12.394	106	130809	73.116	ug/l	97
69) Styrene	12.406	104	218955	72.205	ug/l	100
70) Isopropylbenzene	12.688	105	328024	73.450	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	92193	78.402	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	76363m	74.942	ug/l	
73) Bromobenzene	12.976	156	75280	73.321	ug/l	99
74) n-propylbenzene	13.029	91	390207	73.528	ug/l	99
75) 2-Chlorotoluene	13.123	91	242971	73.342	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	271539	74.102	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	39045	75.044	ug/l	97
78) 4-Chlorotoluene	13.218	91	240348	72.559	ug/l	100
79) tert-butylbenzene	13.435	119	234572	74.745	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	273505	73.084	ug/l	98
81) sec-Butylbenzene	13.612	105	339274	75.735	ug/l	100
82) p-Isopropyltoluene	13.723	119	279394	74.534	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	139120	71.680	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	139291	72.639	ug/l	98
85) n-Butylbenzene	14.053	91	246584	73.721	ug/l	99
86) Hexachloroethane	14.329	117	45232	73.794	ug/l	97
87) 1,2-Dichlorobenzene	14.100	146	135076	73.143	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	17406	72.824	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	63112	74.983	ug/l	98
90) Hexachlorobutadiene	15.500	225	25210	74.358	ug/l	96
91) Naphthalene	15.635	128	228296	75.762	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	63112	74.983	ug/l	98

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

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ClientSampleId :

VSTDICC100

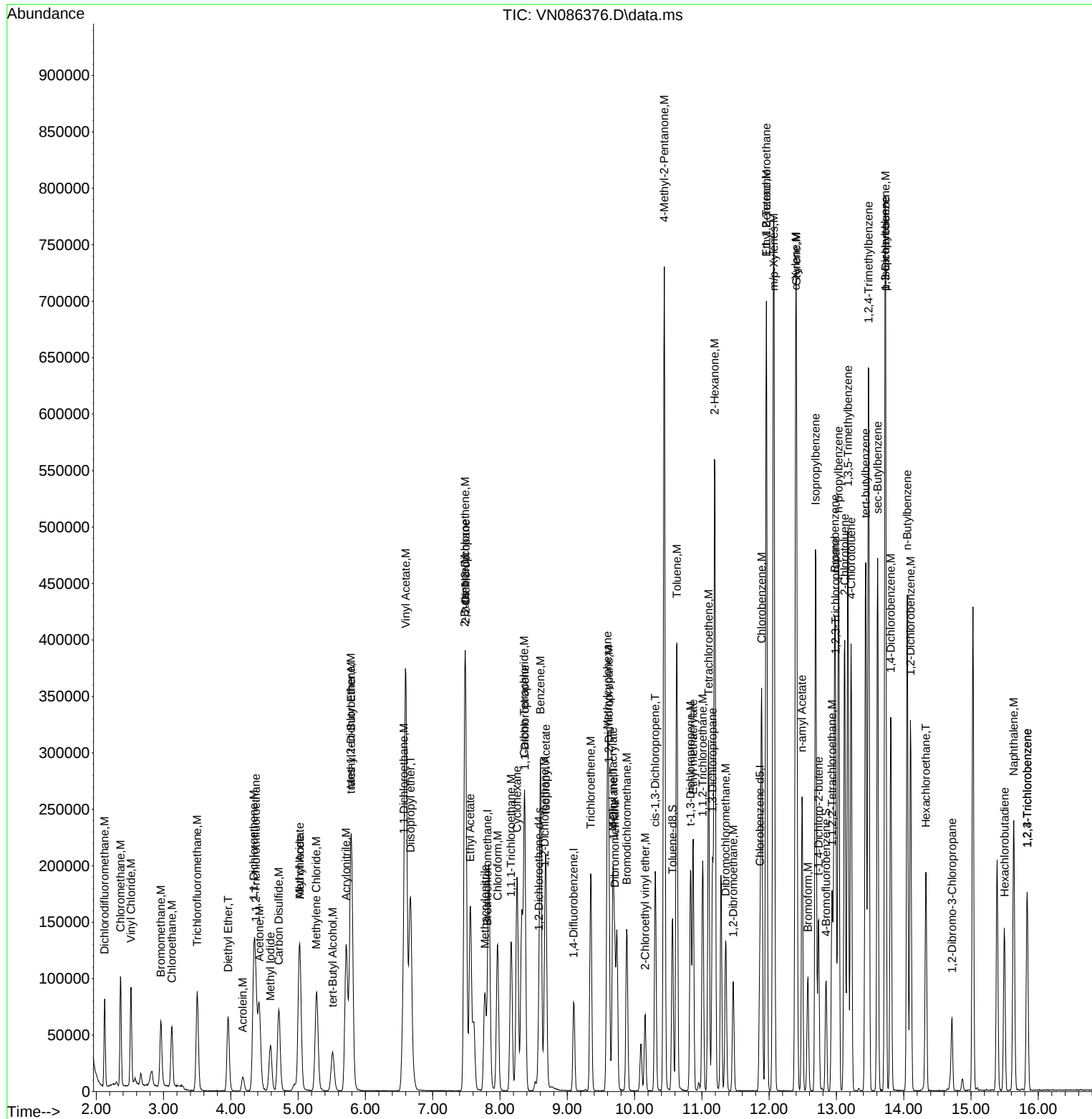
Manual Integrations

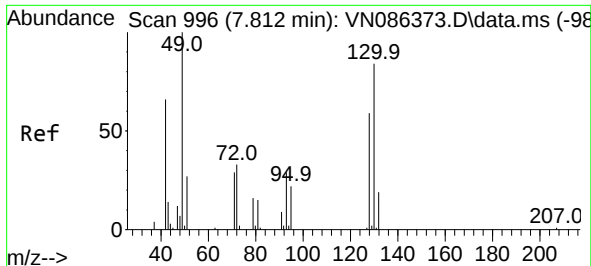
APPROVED

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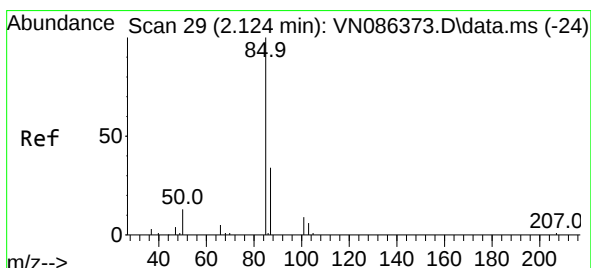
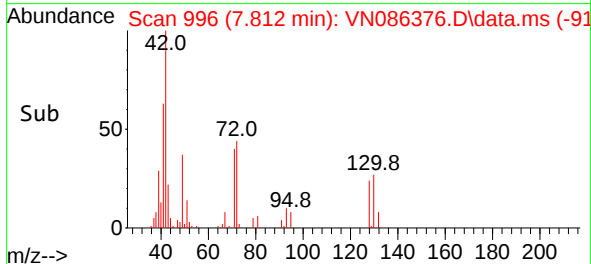
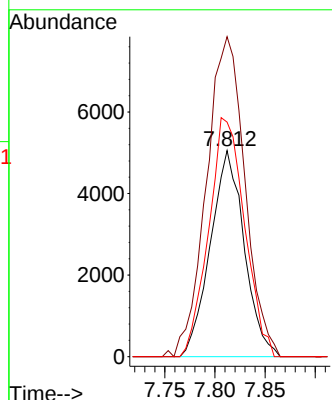
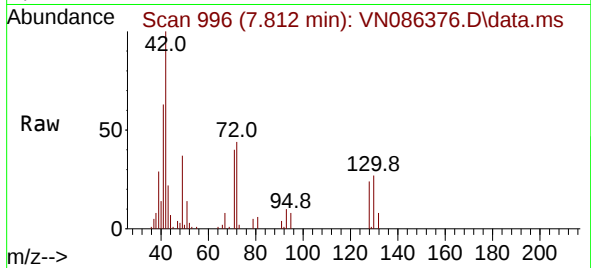
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 11862
Ion Ratio Lower Upper
128 100
49 176.1 0.0 433.8
130 123.2 0.0 325.0

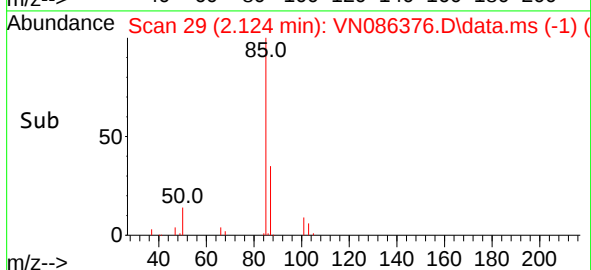
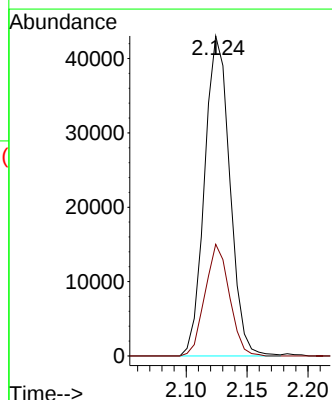
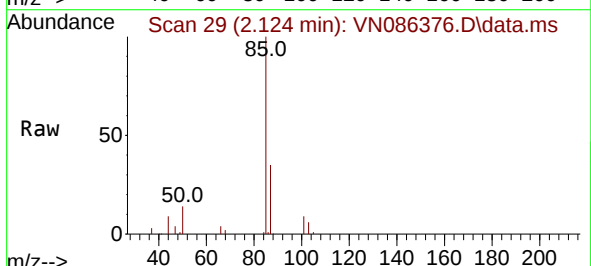
Manual Integrations
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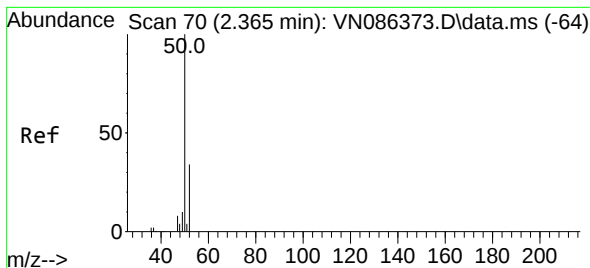
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#2
Dichlorodifluoromethane
Concen: 75.824 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Tgt Ion: 85 Resp: 62095
Ion Ratio Lower Upper
85 100
87 34.9 17.0 50.9





#3

Chloromethane

Concen: 75.471 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.006 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 8779

Ion Ratio Lower Upper

50 100

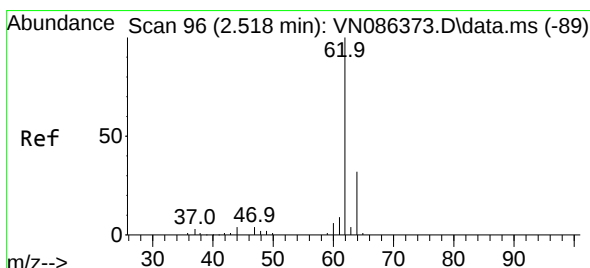
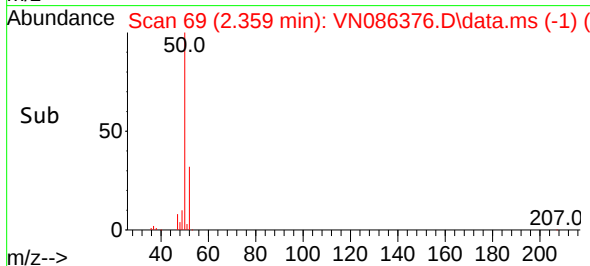
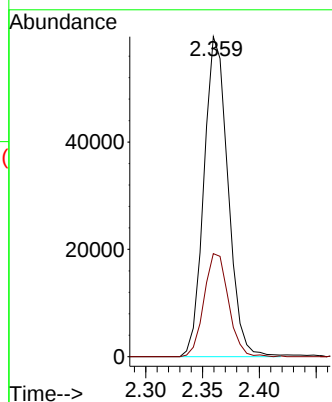
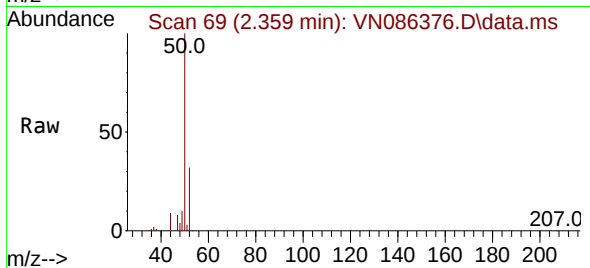
52 32.2 27.3 40.9

Manual Integrations

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Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#4

Vinyl Chloride

Concen: 76.030 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN086376.D

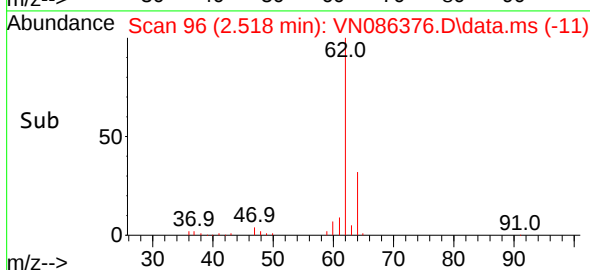
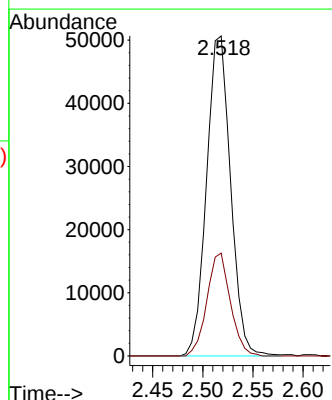
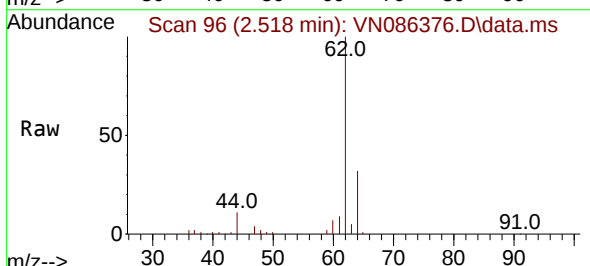
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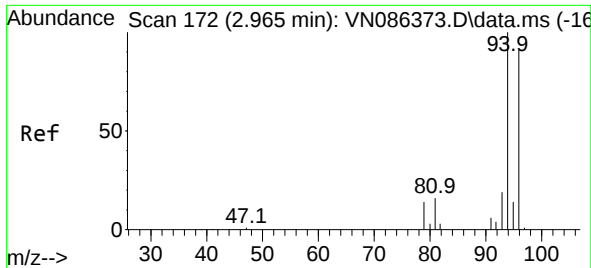
Tgt Ion: 62 Resp: 84710

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





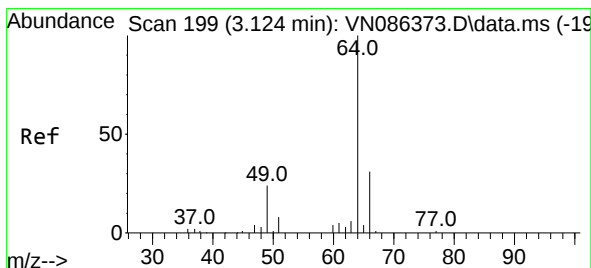
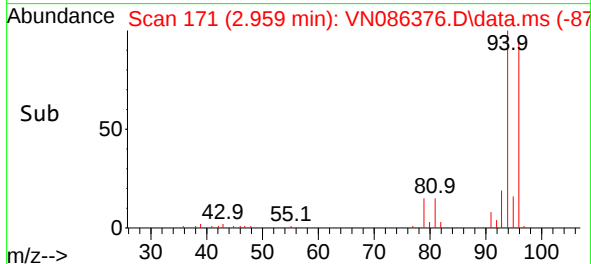
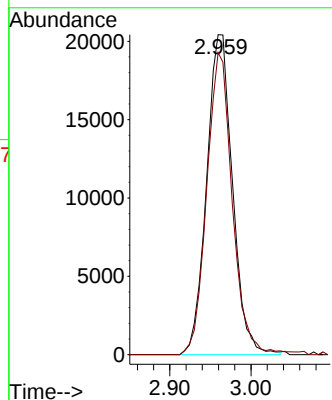
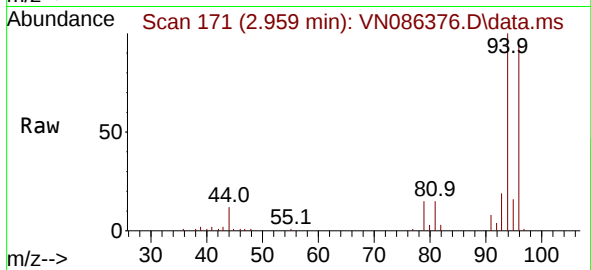
#5
Bromomethane
Concen: 77.906 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

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Tgt Ion: 94 Resp: 4531
Ion Ratio Lower Upper
94 100
96 94.4 72.4 108.6

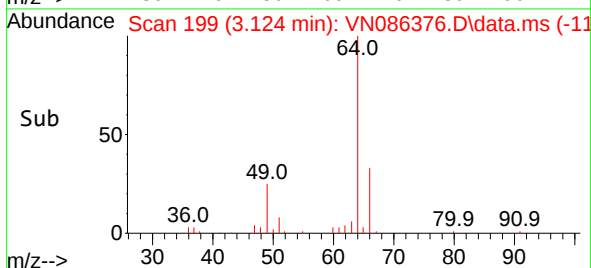
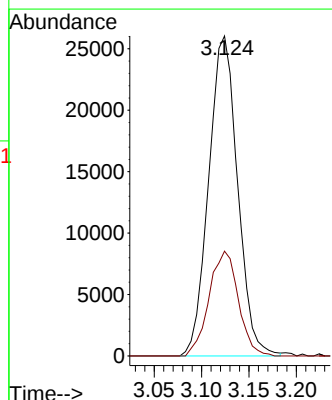
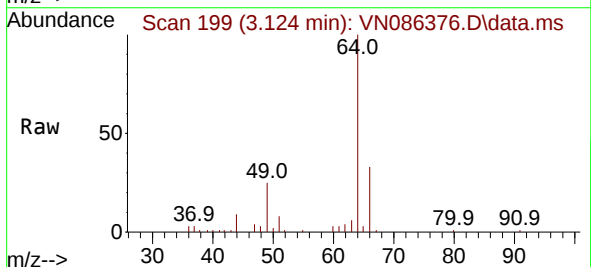
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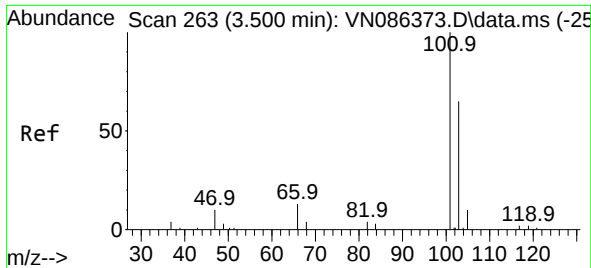
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#6
Chloroethane
Concen: 74.564 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086376.D
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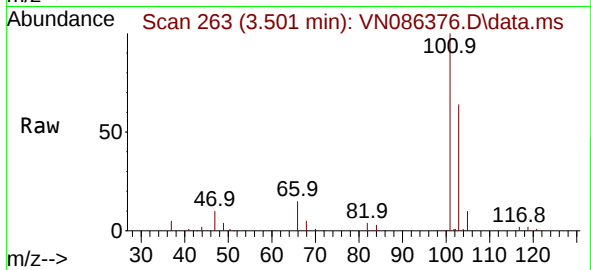
Tgt Ion: 64 Resp: 55384
Ion Ratio Lower Upper
64 100
66 32.8 24.5 36.7





#7
Trichlorofluoromethane
Concen: 72.419 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
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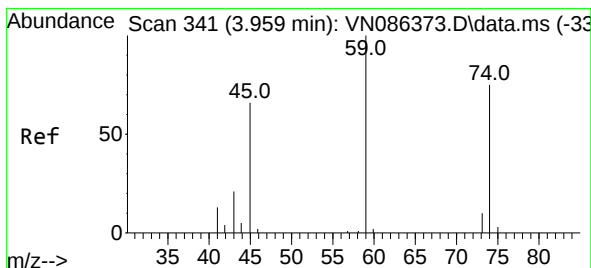
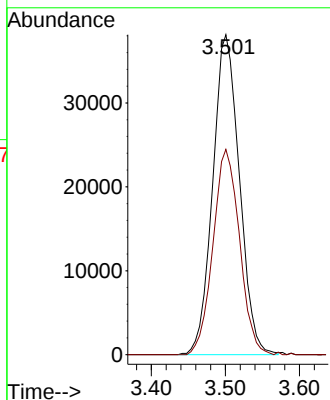
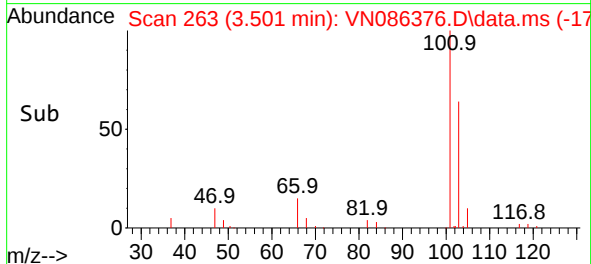
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 95240
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

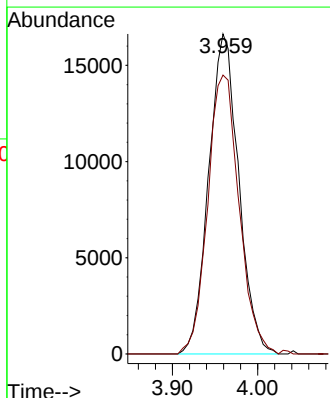
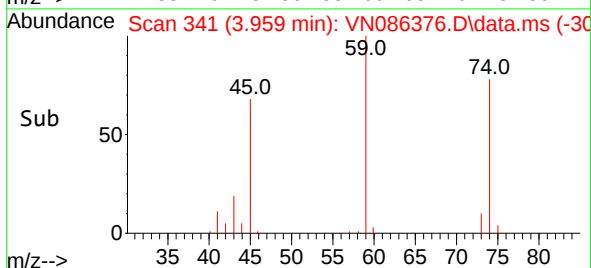
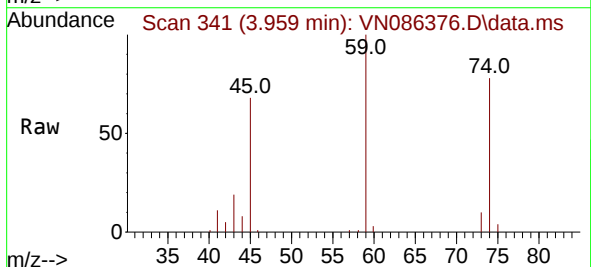
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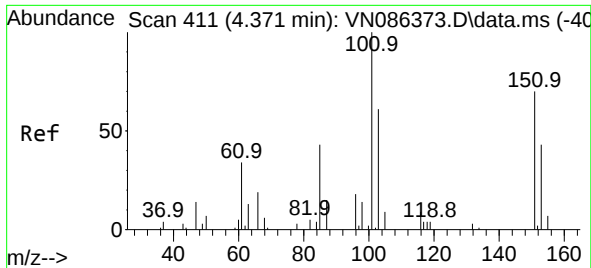
Reviewed By :John Carlone 04/24/2025
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#8
Diethyl Ether
Concen: 73.303 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Tgt Ion: 74 Resp: 40693
Ion Ratio Lower Upper
74 100
45 91.1 18.5 166.3





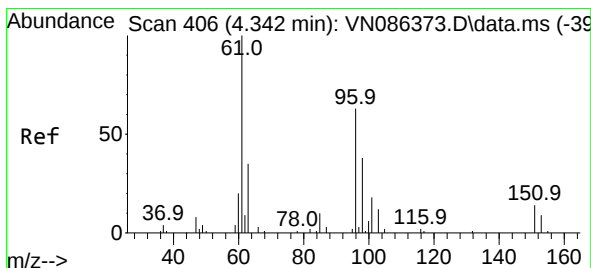
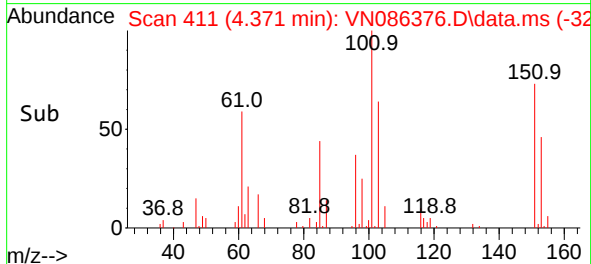
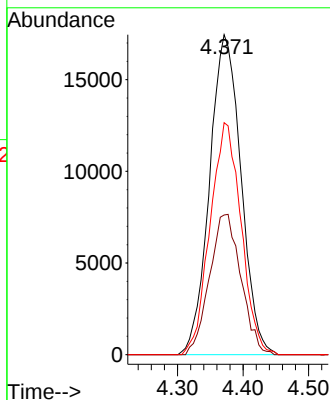
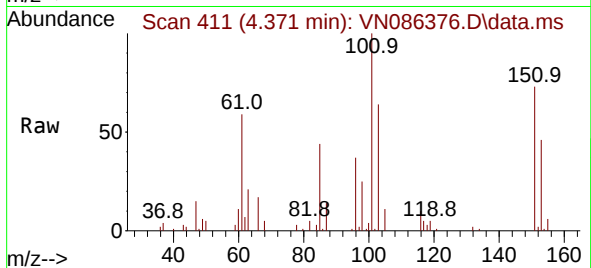
#9
1,1,2-Trichlorotrifluoroethane
Concen: 71.916 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 5814
Ion Ratio Lower Upper
101 100
85 43.8 0.0 84.4
151 71.5 0.0 145.8

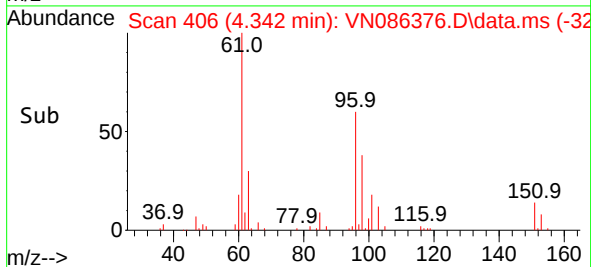
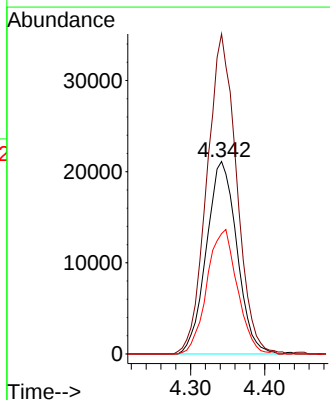
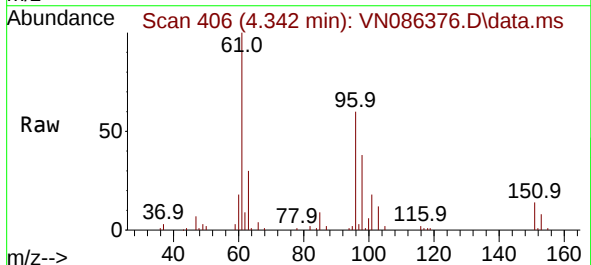
Manual Integrations
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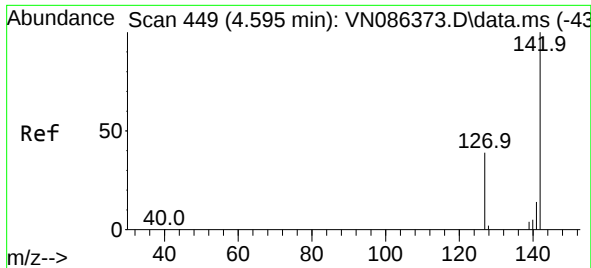
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#10
1,1-Dichloroethene
Concen: 72.974 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

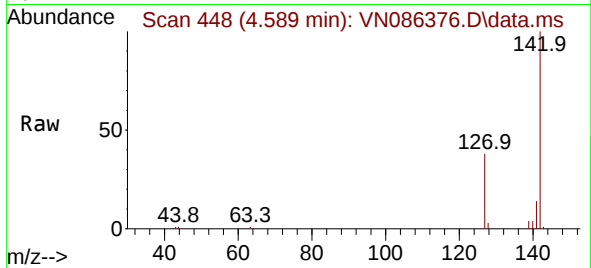
Tgt Ion: 96 Resp: 60388
Ion Ratio Lower Upper
96 100
61 165.2 126.2 189.4
98 62.5 48.5 72.7





#11
Methyl Iodide
Concen: 77.234 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

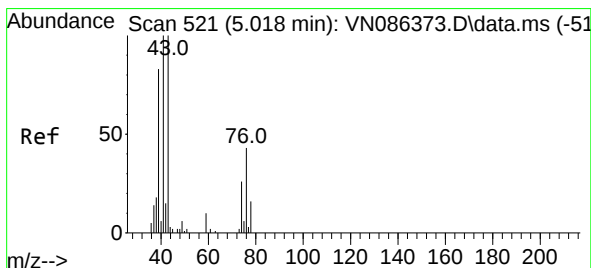
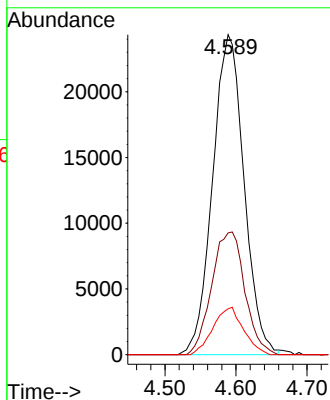
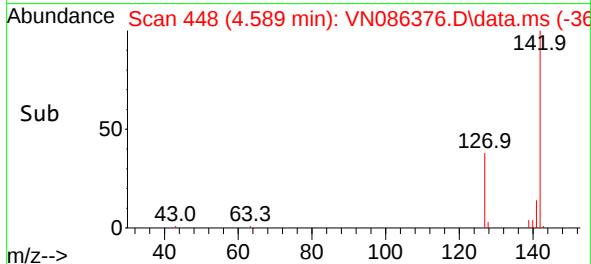
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 7478
Ion Ratio Lower Upper
142 100
127 38.3 19.3 57.9
141 14.4 7.1 21.3

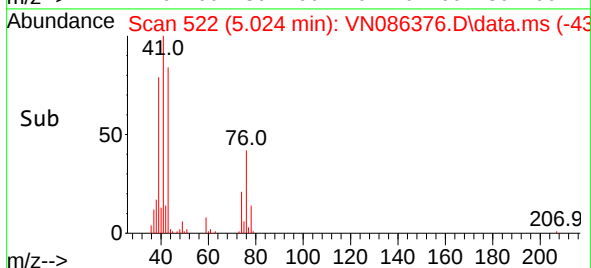
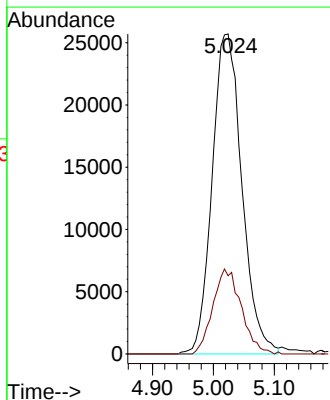
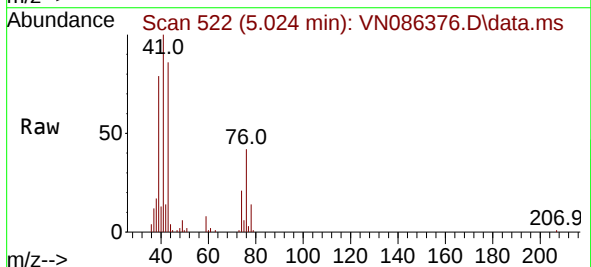
Manual Integrations
APPROVED

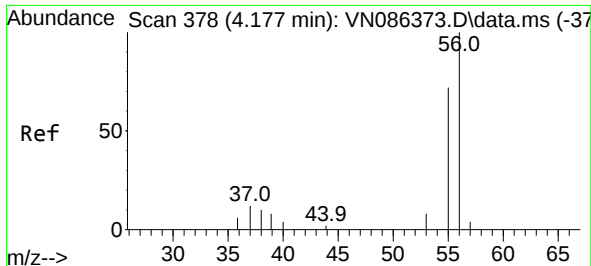
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#12
Methyl Acetate
Concen: 74.428 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

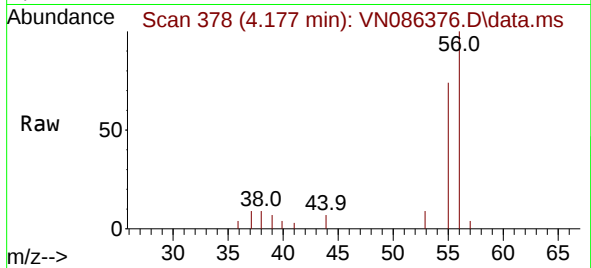
Tgt Ion: 43 Resp: 87299
Ion Ratio Lower Upper
43 100
74 24.4 20.8 31.2





#13
Acrolein
Concen: 355.386 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

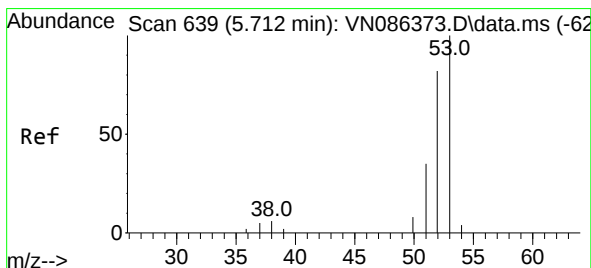
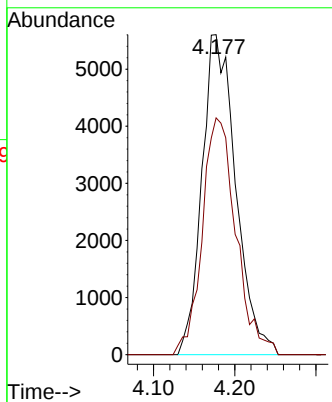
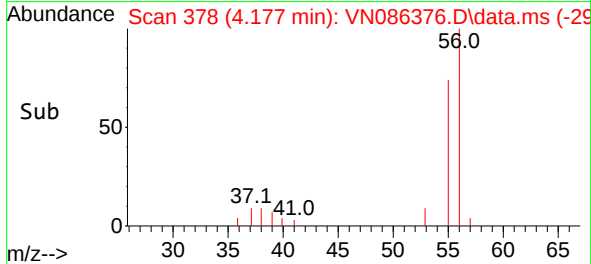
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



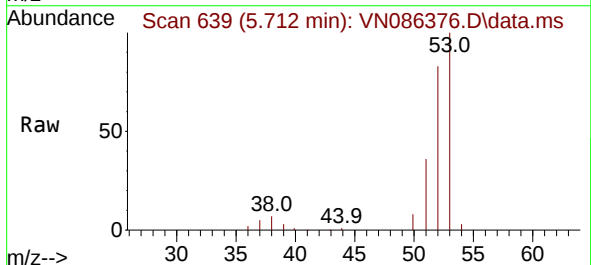
Tgt Ion: 56 Resp: 1625
Ion Ratio Lower Upper
56 100
55 73.5 56.1 84.1

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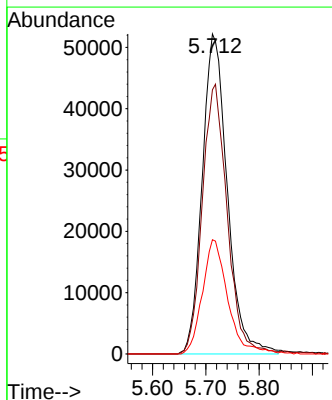
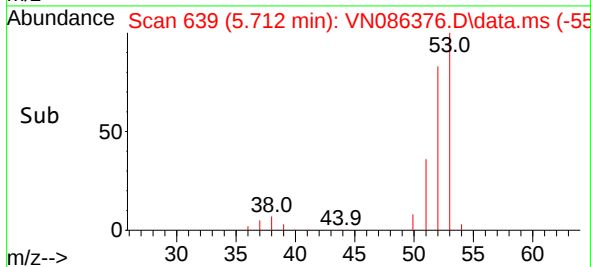
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

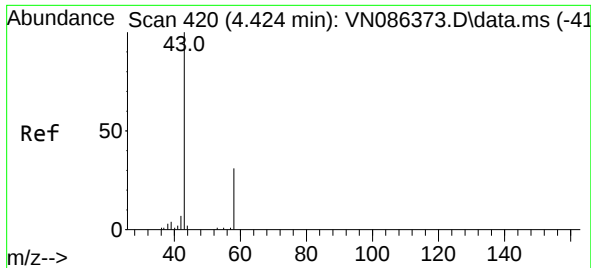


#14
Acrylonitrile
Concen: 391.402 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57



Tgt Ion: 53 Resp: 170864
Ion Ratio Lower Upper
53 100
52 82.5 41.2 123.6
51 35.5 17.6 52.8





#15

Acetone

Concen: 346.858 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 58 Resp: 41724

Ion Ratio Lower Upper

58 100

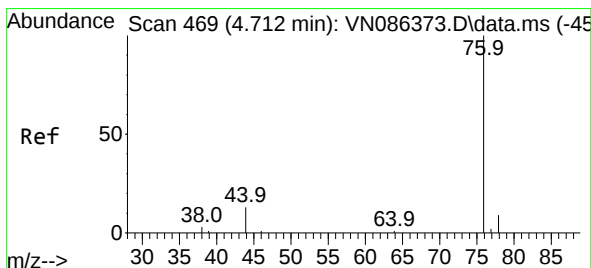
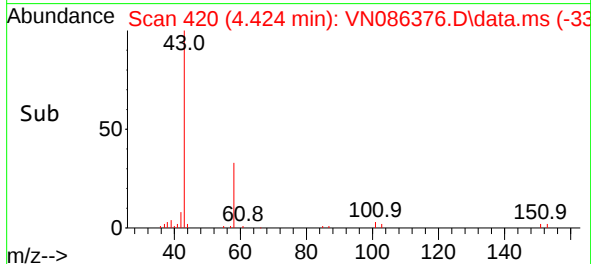
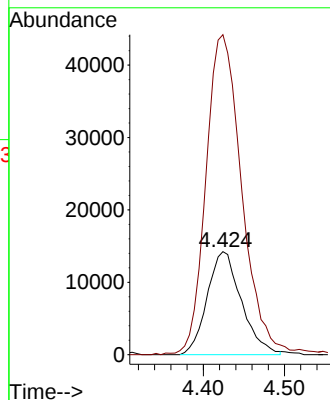
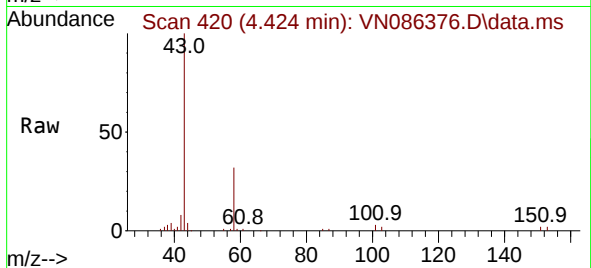
43 306.5 255.1 382.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#16

Carbon Disulfide

Concen: 76.243 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086376.D

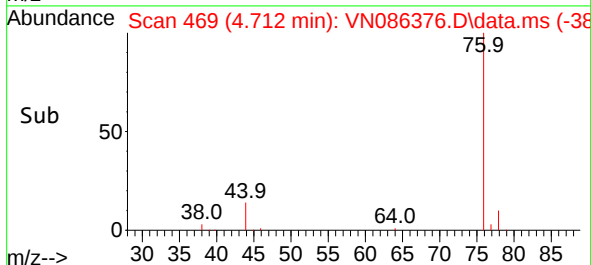
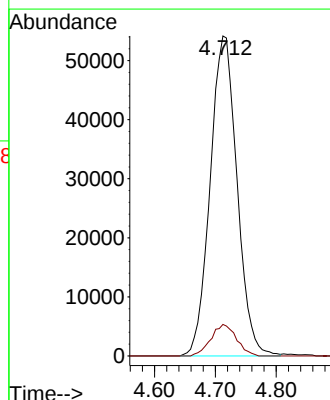
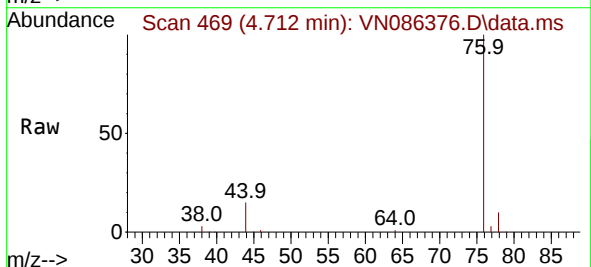
Acq: 23 Apr 2025 10:57

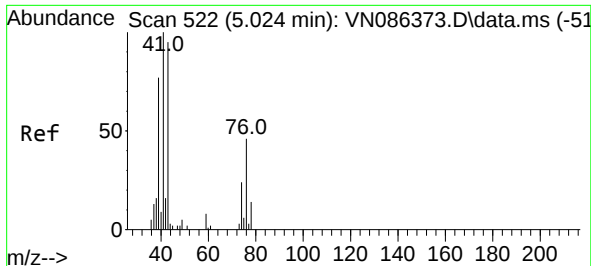
Tgt Ion: 76 Resp: 166254

Ion Ratio Lower Upper

76 100

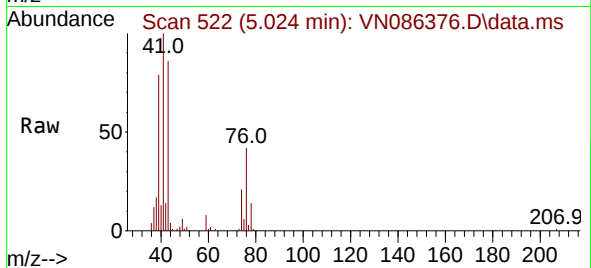
78 9.8 7.1 10.7





#17
 Allyl chloride
 Concen: 73.864 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN086376.D
 Acq: 23 Apr 2025 10:57

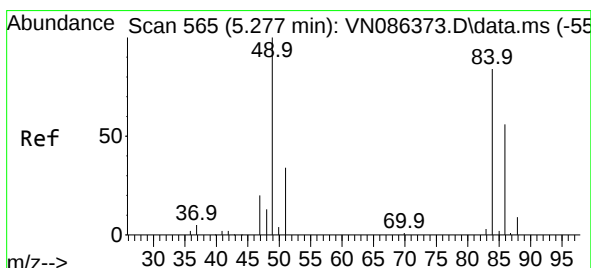
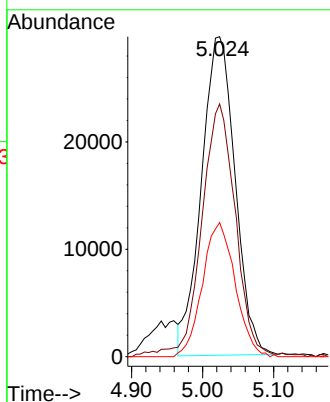
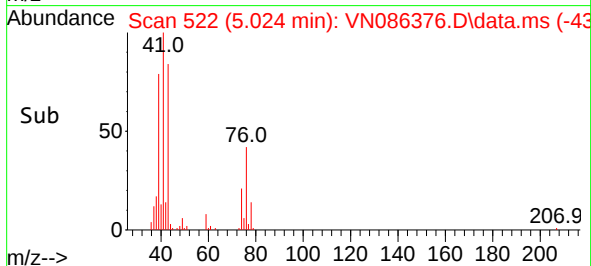
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion:	41	Resp:	97730
Ion	Ratio	Lower	Upper
41	100		
39	78.8	36.7	110.1
76	42.2	21.8	65.4

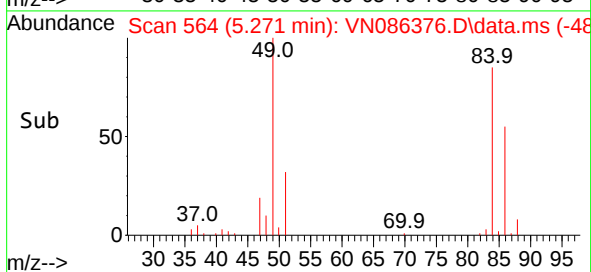
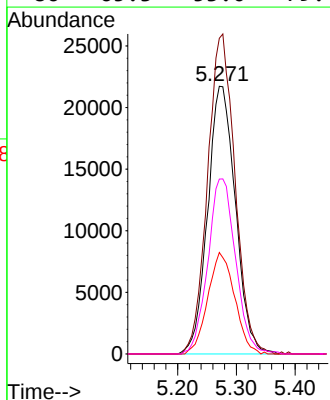
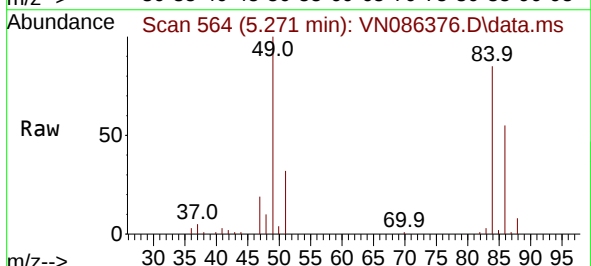
Manual Integrations
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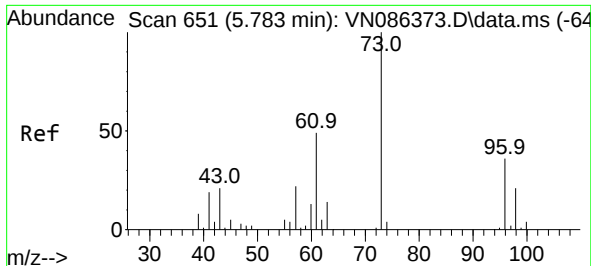
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#18
 Methylene Chloride
 Concen: 75.706 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086376.D
 Acq: 23 Apr 2025 10:57

Tgt Ion:	84	Resp:	71345
Ion	Ratio	Lower	Upper
84	100		
49	117.9	95.4	143.0
51	37.9	32.8	49.2
86	65.3	53.0	79.4





#19

trans-1,2-Dichloroethene

Concen: 73.241 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 6460

Ion Ratio Lower Upper

96 100

61 138.4 107.3 160.9

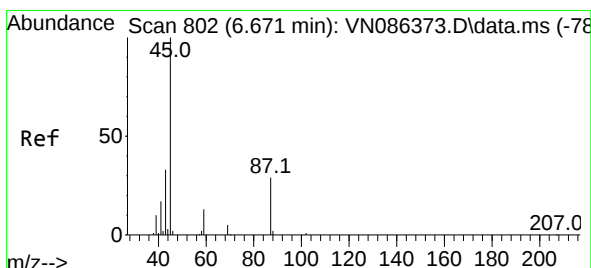
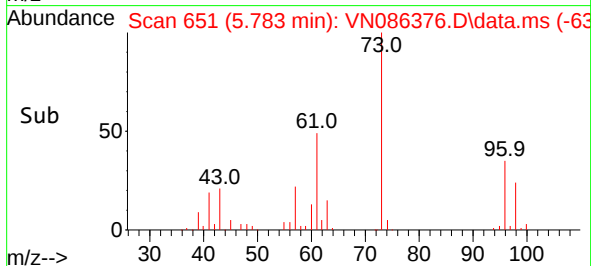
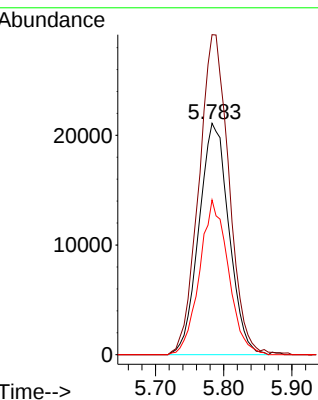
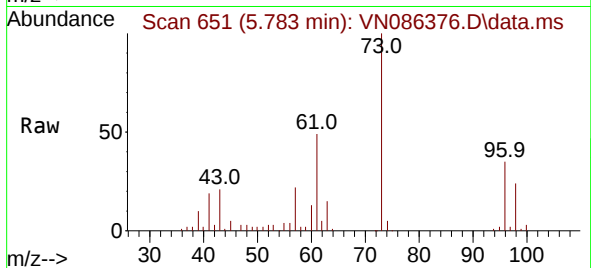
98 66.9 46.7 70.1

Manual Integrations

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Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#20

Diisopropyl ether

Concen: 71.641 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Tgt Ion: 45 Resp: 225395

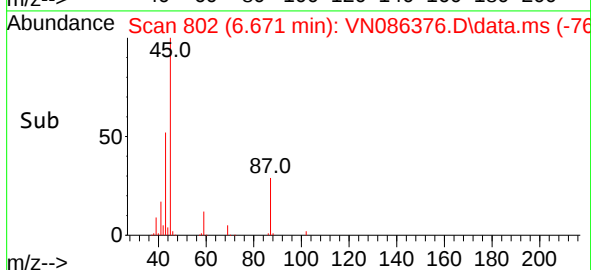
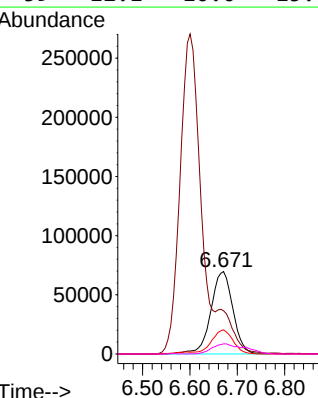
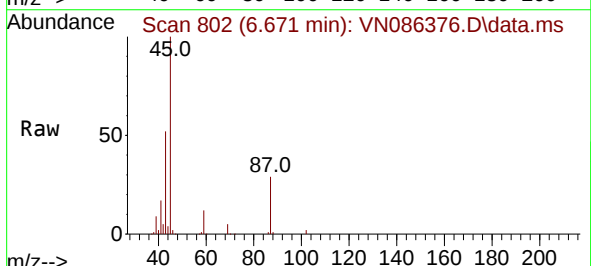
Ion Ratio Lower Upper

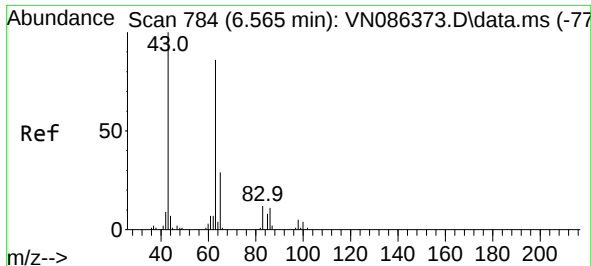
45 100

43 51.4 38.8 58.2

87 29.2 23.5 35.3

59 12.1 10.0 15.0





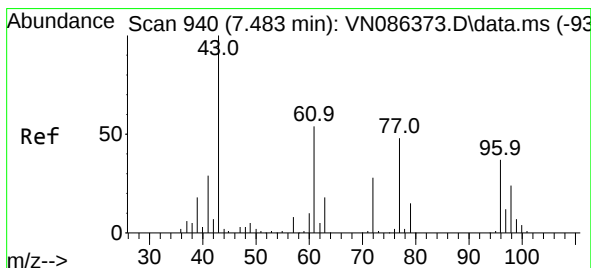
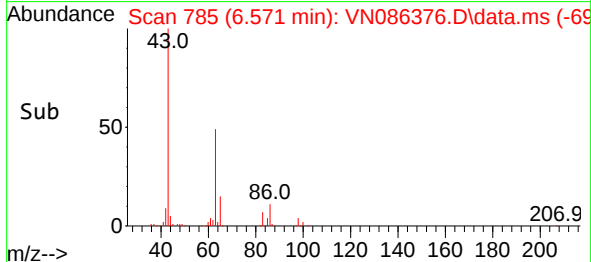
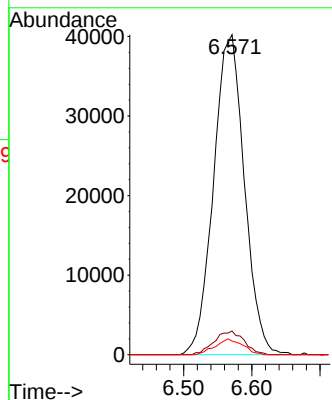
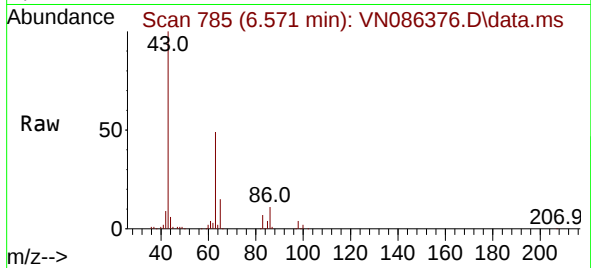
#21
1,1-Dichloroethane
Concen: 73.399 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 126400
Ion Ratio Lower Upper
63 100
98 7.4 3.0 9.2
100 4.3 2.3 6.8

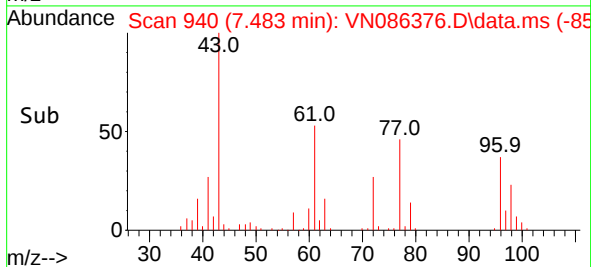
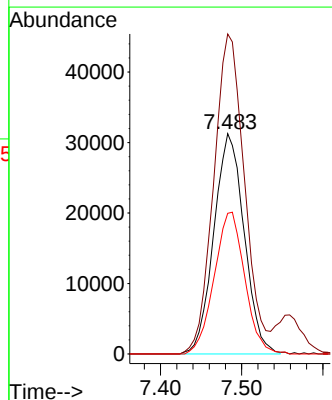
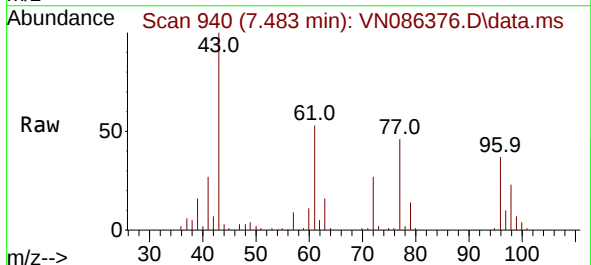
Manual Integrations
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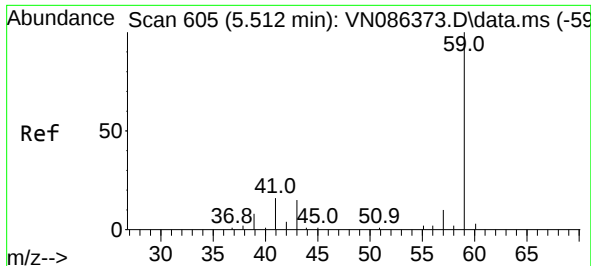
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#22
cis-1,2-Dichloroethene
Concen: 73.614 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

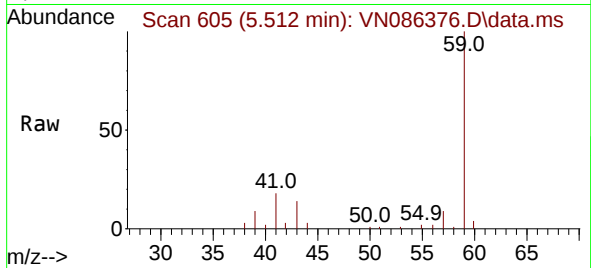
Tgt Ion: 96 Resp: 81190
Ion Ratio Lower Upper
96 100
61 147.7 120.6 181.0
98 64.8 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 405.435 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

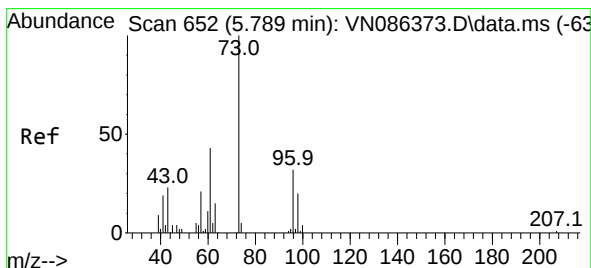
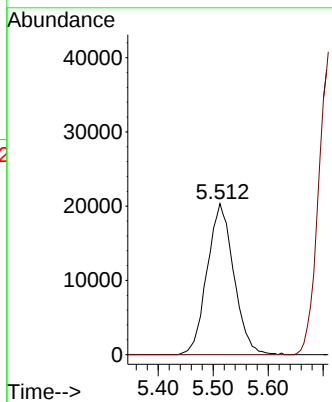
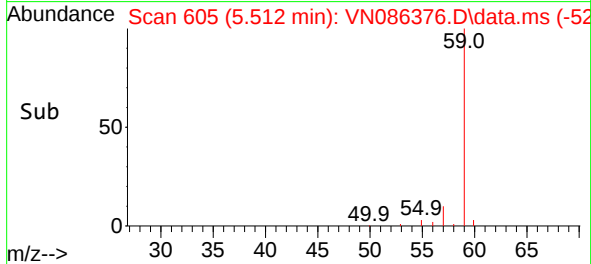
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



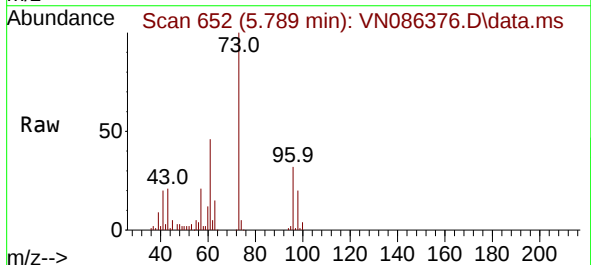
Tgt Ion: 59 Resp: 6856
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

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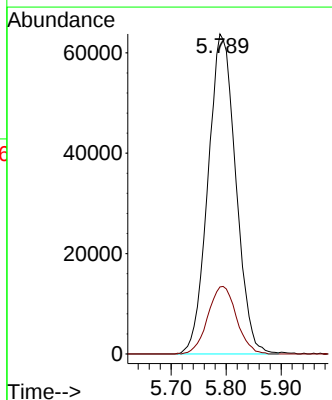
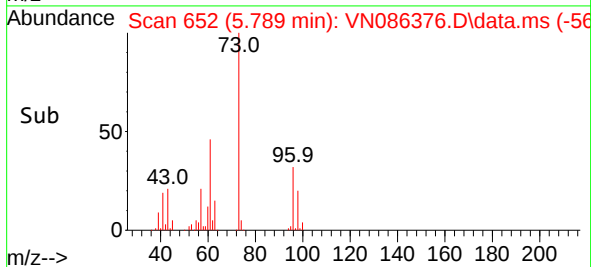
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

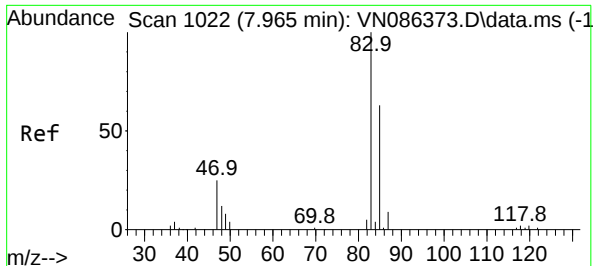


#24
Methyl tert-Butyl Ether
Concen: 73.222 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57



Tgt Ion: 73 Resp: 223875
Ion Ratio Lower Upper
73 100
43 21.7 17.1 25.7





#25

Chloroform

Concen: 73.108 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 12742

Ion Ratio Lower Upper

83 100

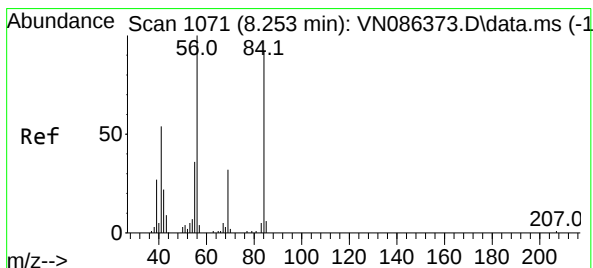
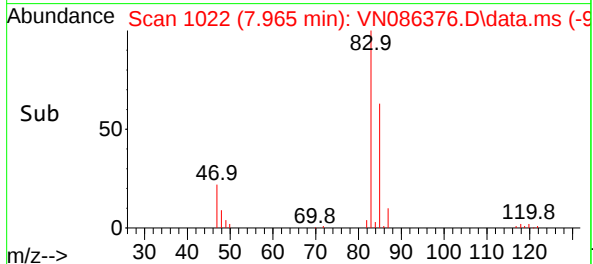
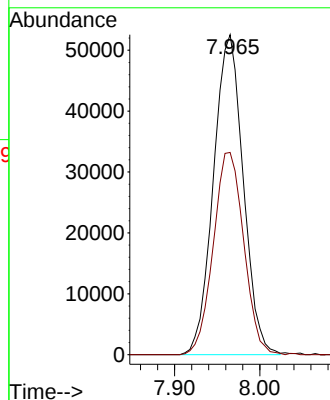
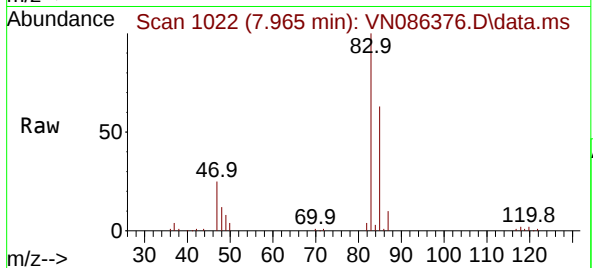
85 63.2 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#26

Cyclohexane

Concen: 72.376 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

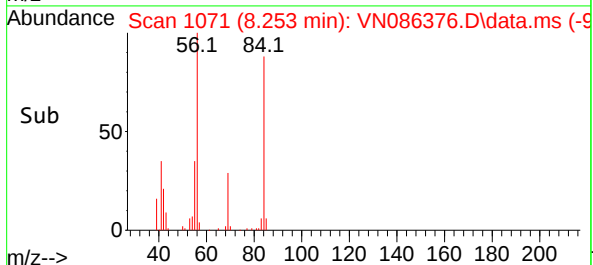
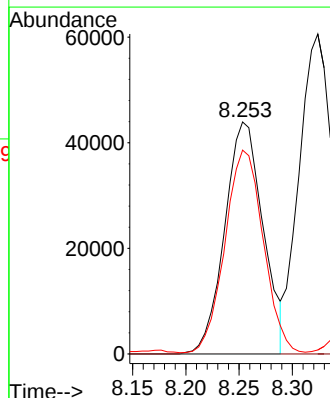
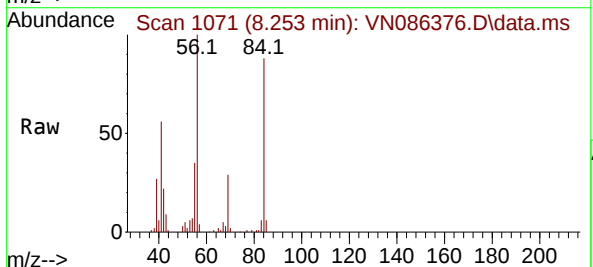
Tgt Ion: 56 Resp: 110055

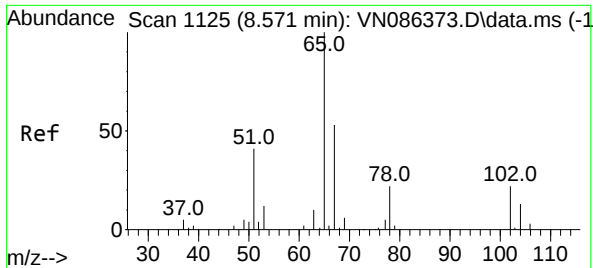
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.4 71.5 107.3





#27
1,2-Dichloroethane-d4
Concen: 30.522 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

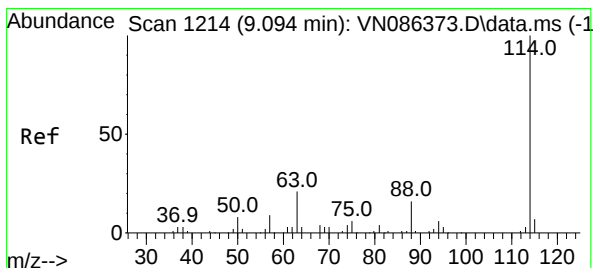
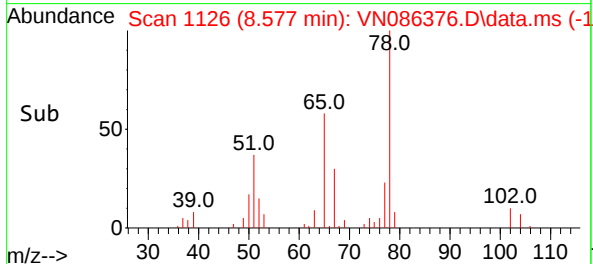
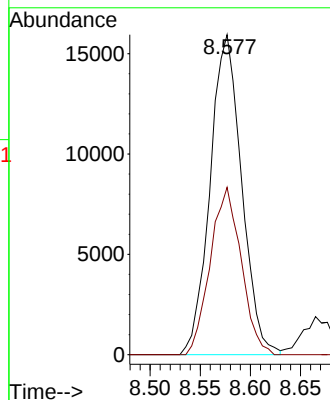
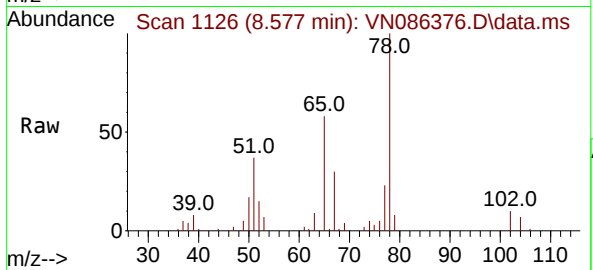
VSTDICC100

Tgt Ion: 65 Resp: 3490
Ion Ratio Lower Upper
65 100
67 51.3 42.5 63.7

Manual Integrations

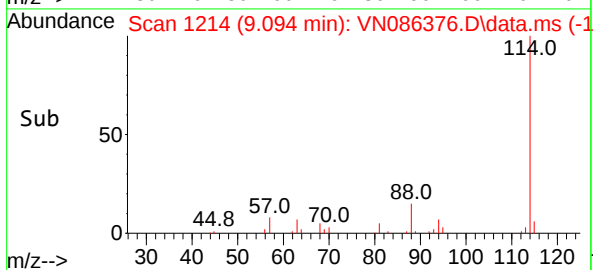
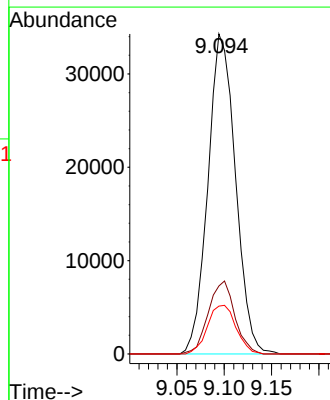
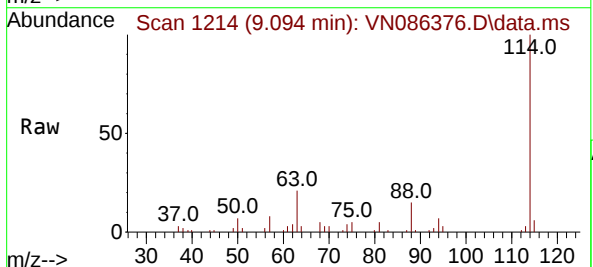
APPROVED

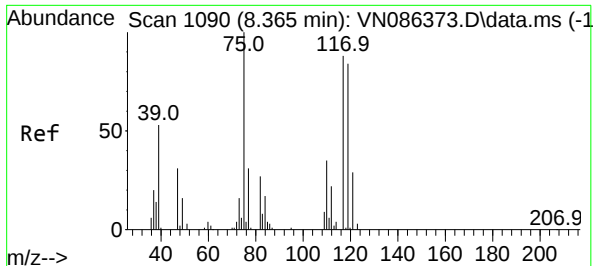
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Tgt Ion:114 Resp: 69437
Ion Ratio Lower Upper
114 100
63 21.9 16.7 25.1
88 15.7 12.6 19.0





#29

1,1-Dichloropropene

Concen: 72.649 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

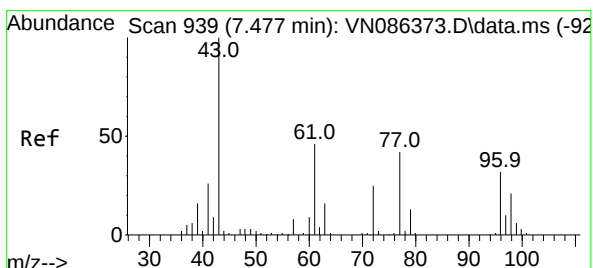
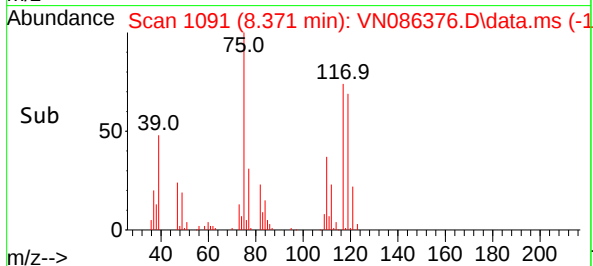
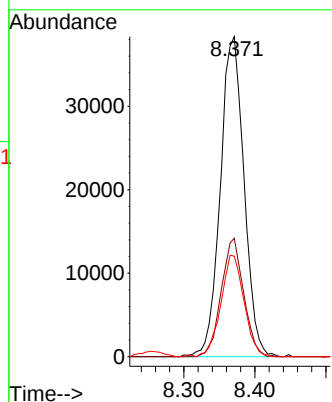
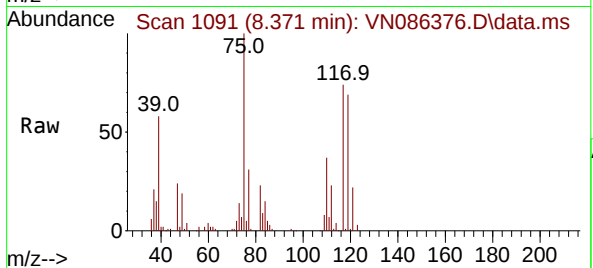
Tgt Ion: 75	Resp: 8893
Ion Ratio	Lower Upper
75 100	
110 34.7	0.0 68.0
77 30.9	0.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#30

2-Butanone

Concen: 383.017 ug/l

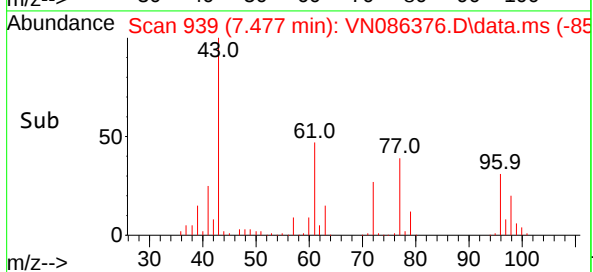
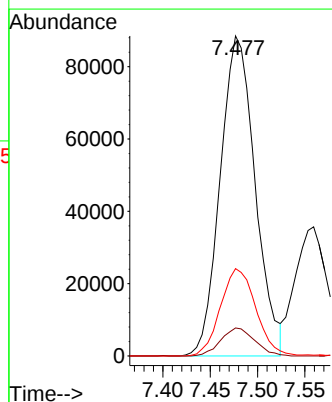
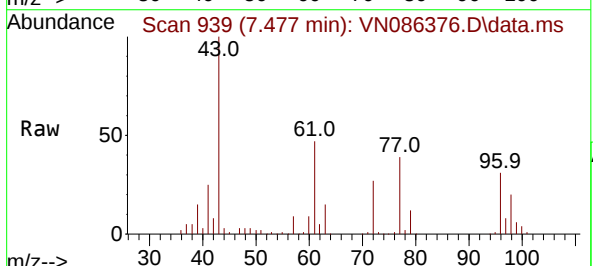
RT: 7.477 min Scan# 939

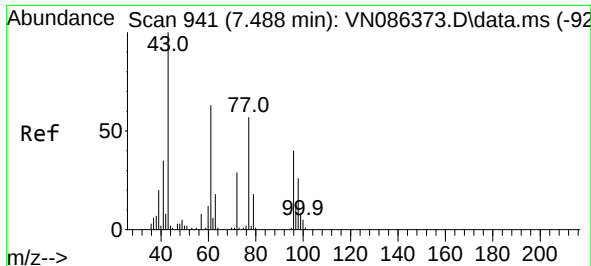
Delta R.T. 0.000 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Tgt Ion: 43	Resp: 227570
Ion Ratio	Lower Upper
43 100	
57 8.5	6.6 10.0
72 27.6	22.2 33.4





#31

2,2-Dichloropropane

Concen: 72.367 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 113875

Ion Ratio Lower Upper

77 100

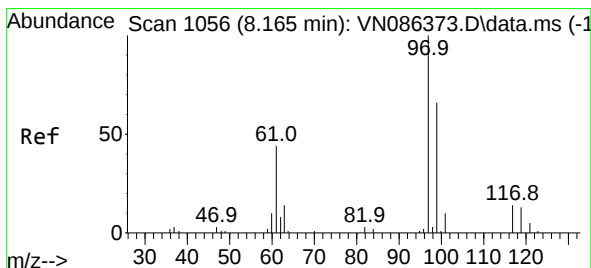
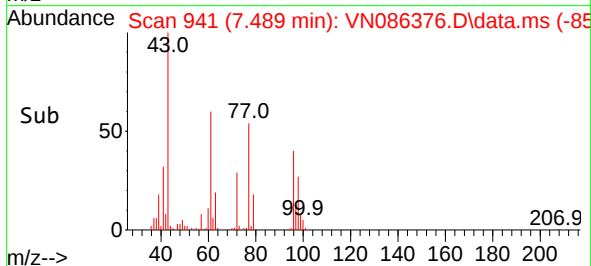
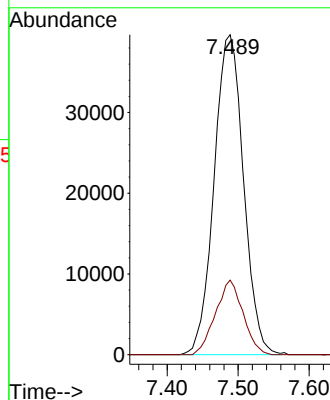
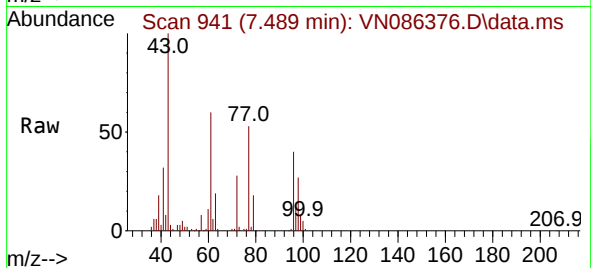
97 21.8 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#32

1,1,1-Trichloroethane

Concen: 74.281 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

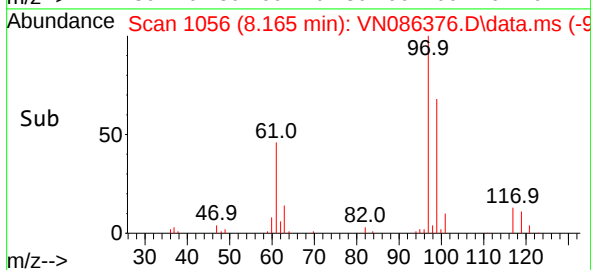
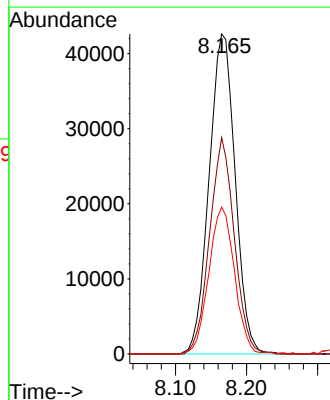
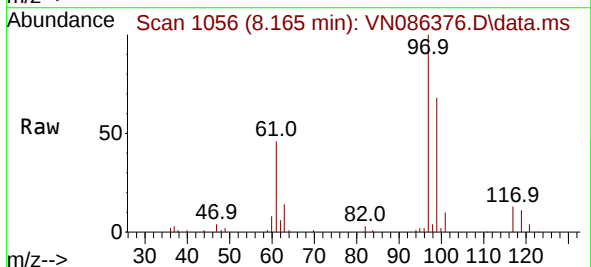
Tgt Ion: 97 Resp: 108658

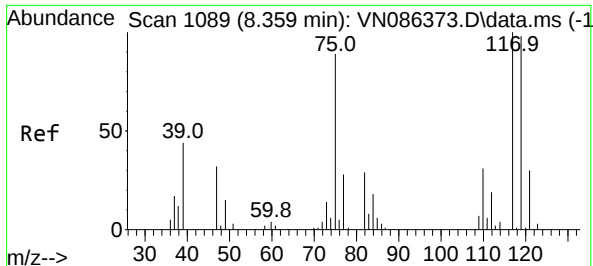
Ion Ratio Lower Upper

97 100

99 64.1 52.6 79.0

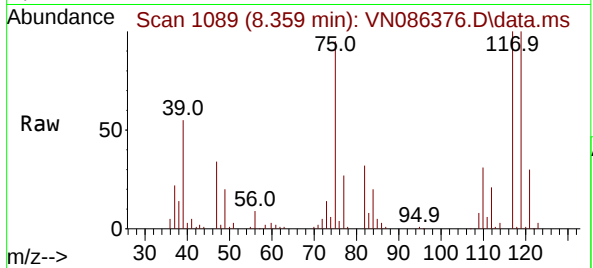
61 45.2 36.4 54.6





#33
Carbon Tetrachloride
Concen: 72.867 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

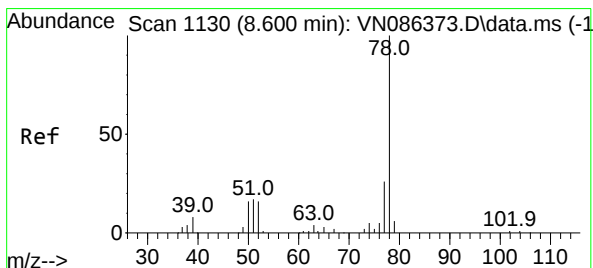
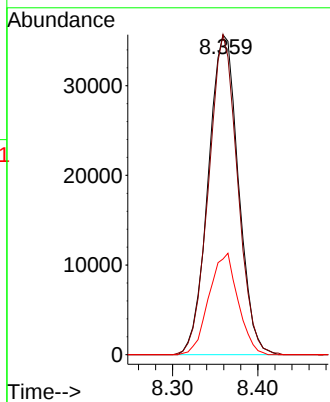
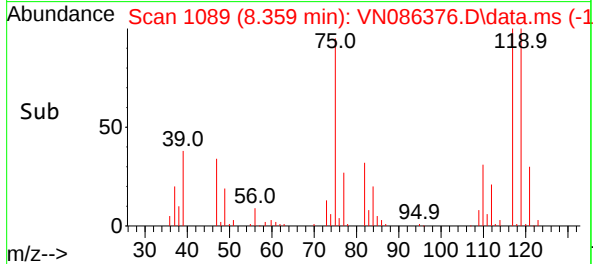
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



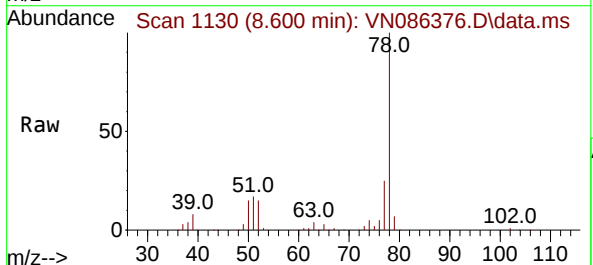
Tgt Ion: 117 Resp: 87740
Ion Ratio Lower Upper
117 100
119 99.6 78.6 117.8
121 29.9 24.0 36.0

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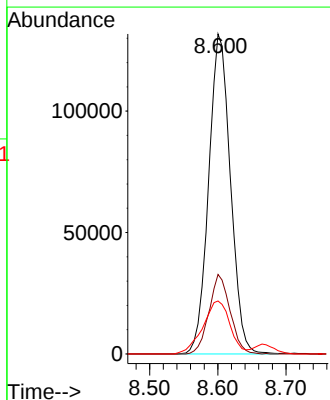
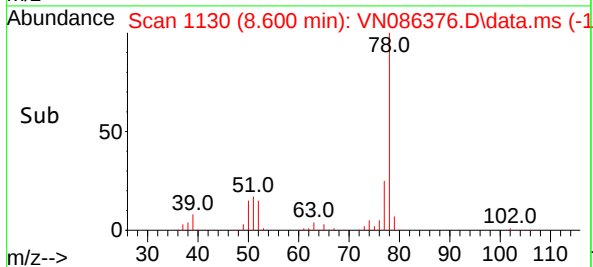
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

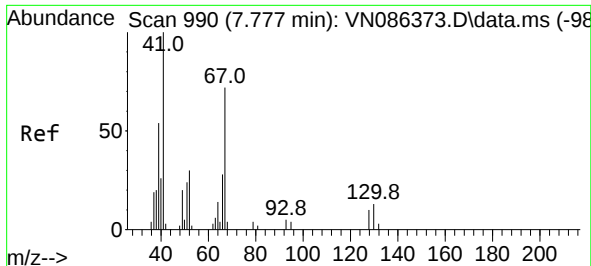


#34
Benzene
Concen: 75.347 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57



Tgt Ion: 78 Resp: 293359
Ion Ratio Lower Upper
78 100
77 24.8 20.8 31.2
51 16.2 14.0 21.0





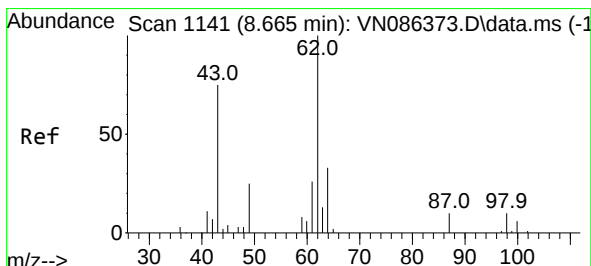
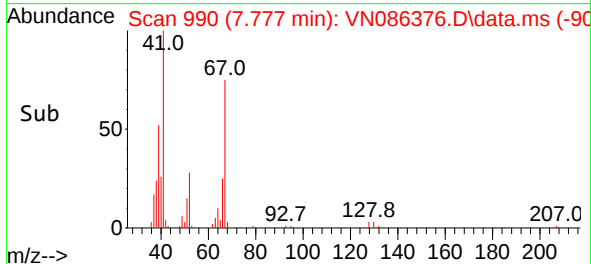
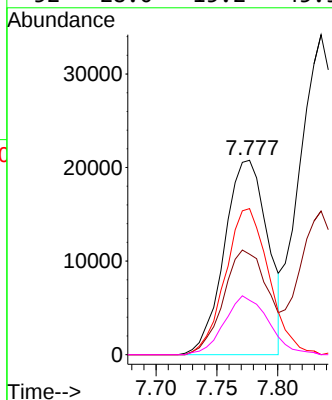
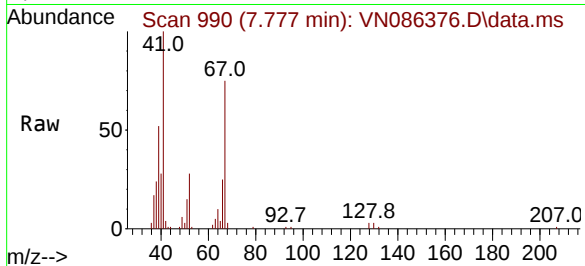
#35
Methacrylonitrile
Concen: 76.245 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 51670
Ion Ratio Lower Upper
41 100
39 51.6 27.0 80.8
67 75.1 35.8 107.3
52 28.0 15.2 45.5

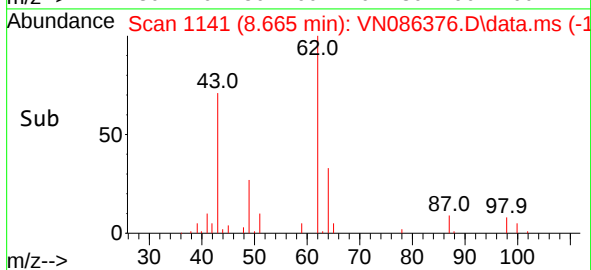
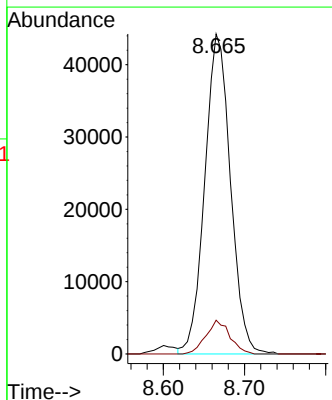
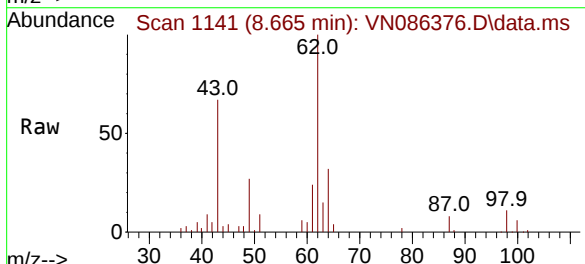
Manual Integrations
APPROVED

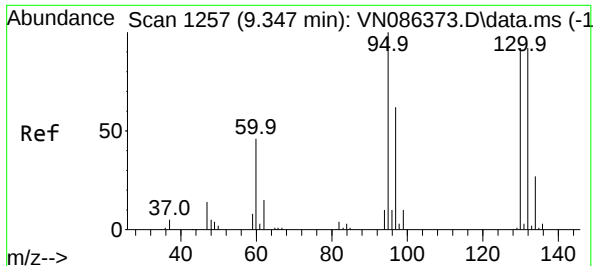
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#36
1,2-Dichloroethane
Concen: 77.054 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Tgt Ion: 62 Resp: 97403
Ion Ratio Lower Upper
62 100
98 9.8 7.6 11.4





#37

Trichloroethene

Concen: 71.790 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 6997

Ion Ratio Lower Upper

130 100

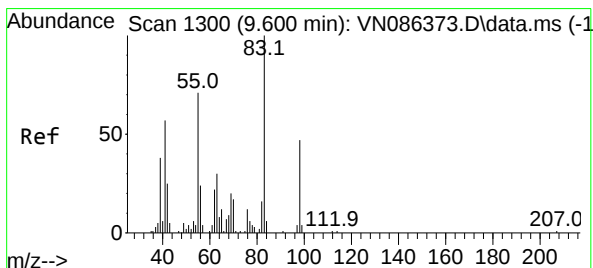
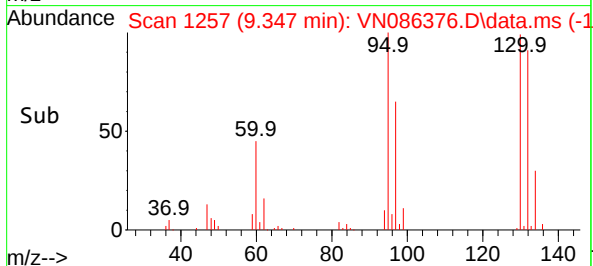
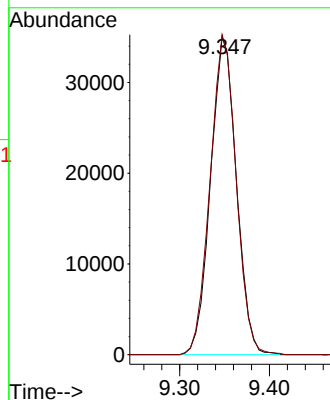
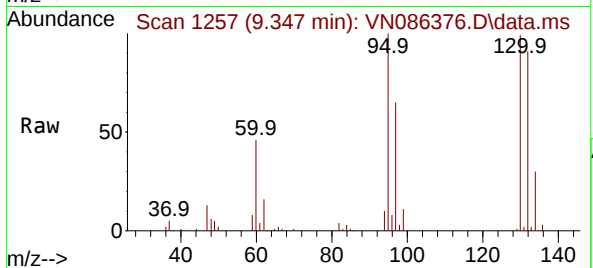
95 100.7 86.6 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#38

Methylcyclohexane

Concen: 76.391 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

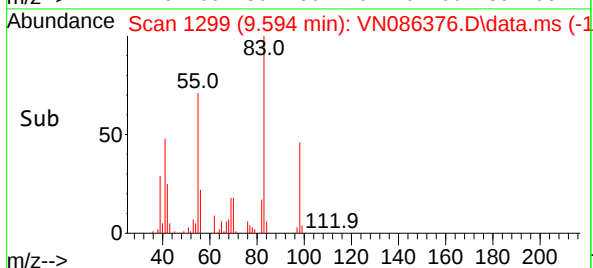
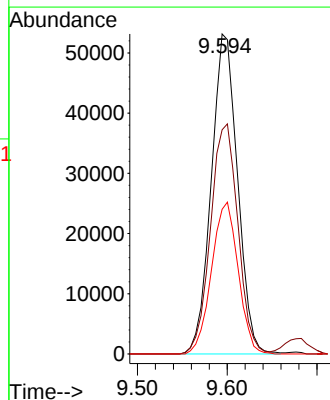
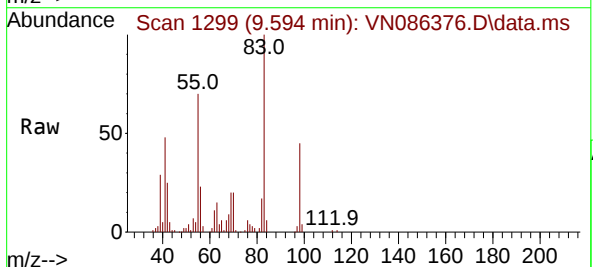
Tgt Ion: 83 Resp: 108000

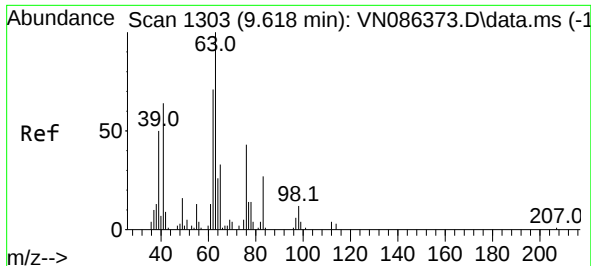
Ion Ratio Lower Upper

83 100

55 75.0 37.3 111.9

98 48.1 23.8 71.5





#39

1,2-Dichloropropane

Concen: 74.760 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 71908

Ion Ratio Lower Upper

63 100

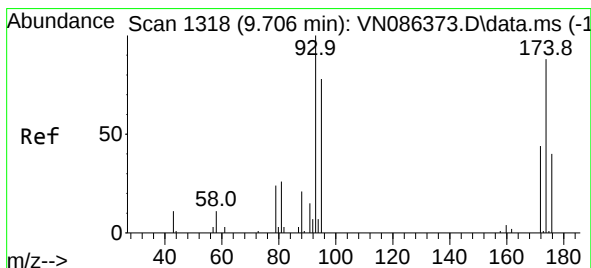
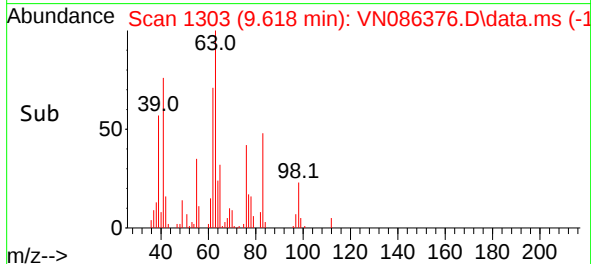
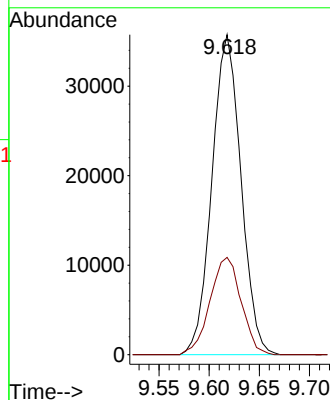
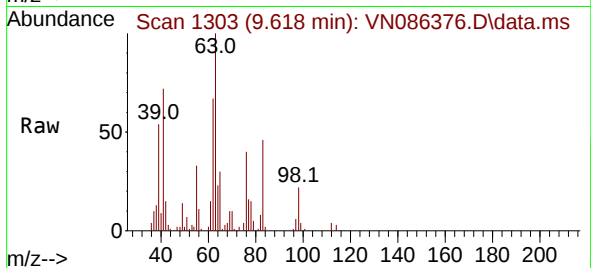
65 30.4 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#40

Dibromomethane

Concen: 74.930 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

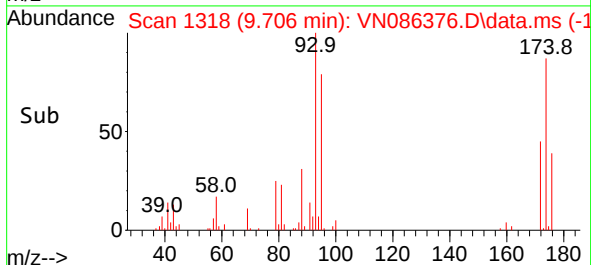
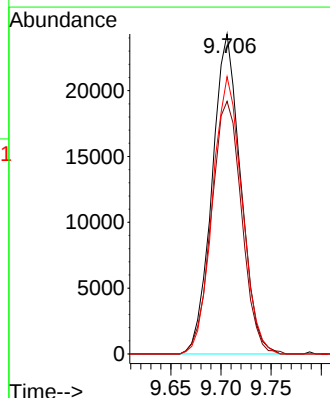
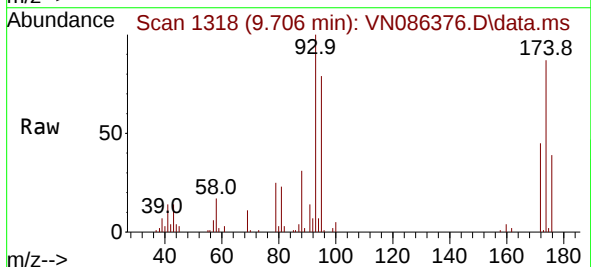
Tgt Ion: 93 Resp: 48198

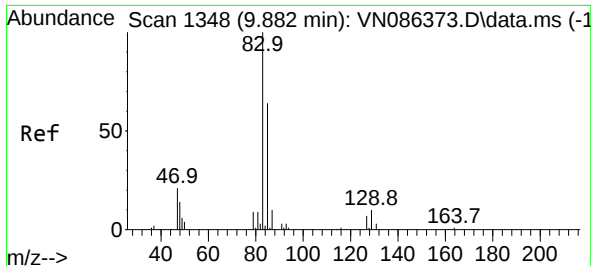
Ion Ratio Lower Upper

93 100

95 83.3 0.0 159.2

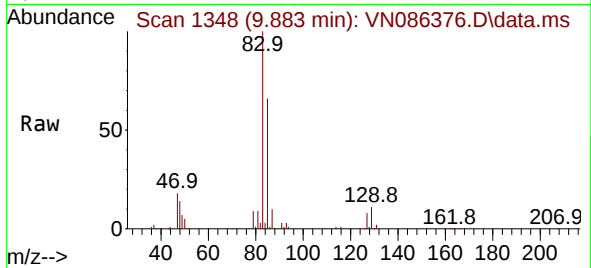
174 89.1 0.0 171.4





#41
Bromodichloromethane
Concen: 75.389 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

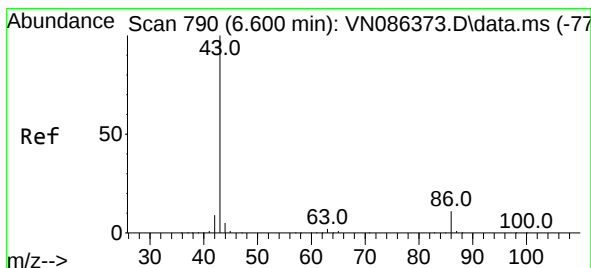
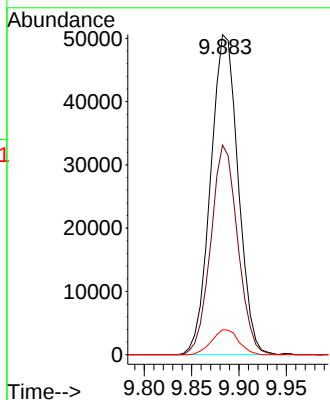
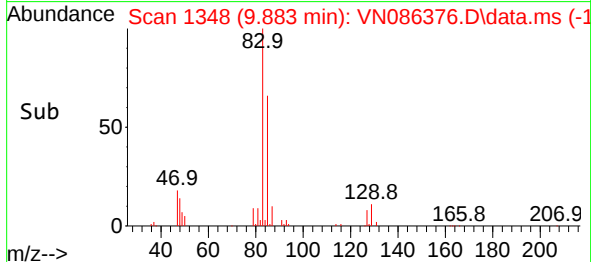
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



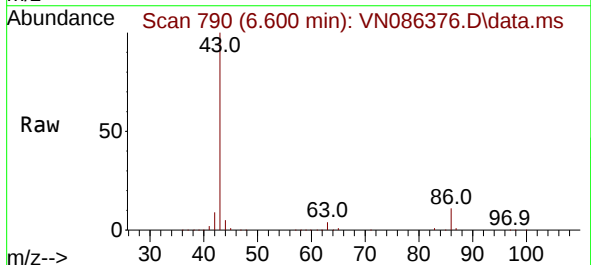
Tgt Ion: 83 Resp: 10262
Ion Ratio Lower Upper
83 100
85 65.5 51.1 76.7
127 7.8 5.9 8.9

Manual Integrations
APPROVED

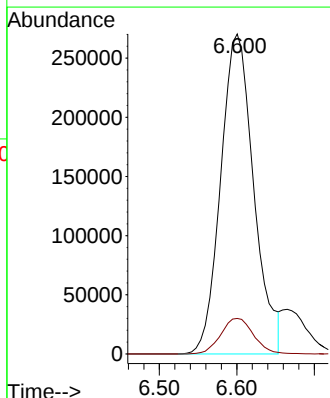
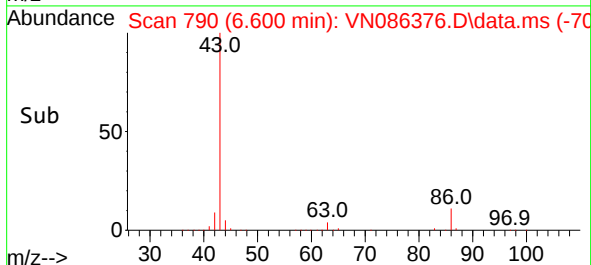
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

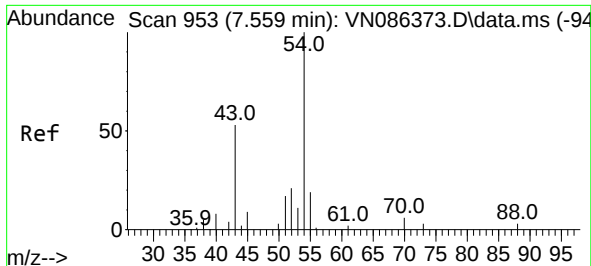


#42
Vinyl Acetate
Concen: 391.011 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57



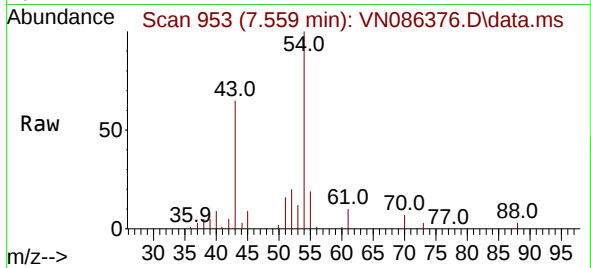
Tgt Ion: 43 Resp: 804778
Ion Ratio Lower Upper
43 100
86 11.0 8.9 13.3





#43
Ethyl Acetate
Concen: 75.017 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

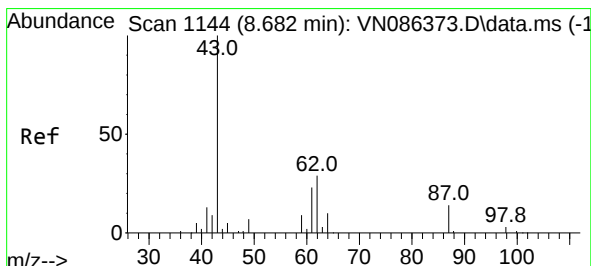
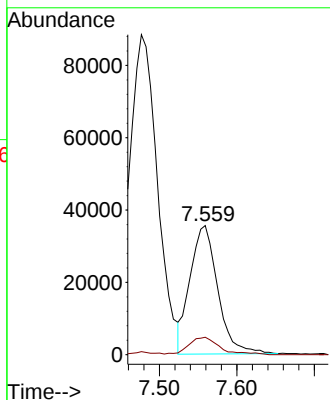
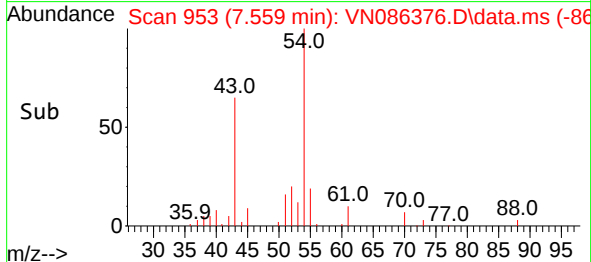
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



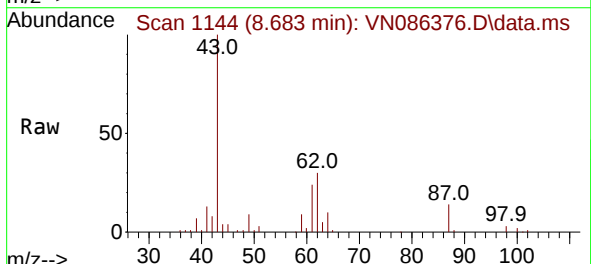
Tgt Ion: 43 Resp: 8820
Ion Ratio Lower Upper
43 100
45 12.1 11.4 17.2

Manual Integrations
APPROVED

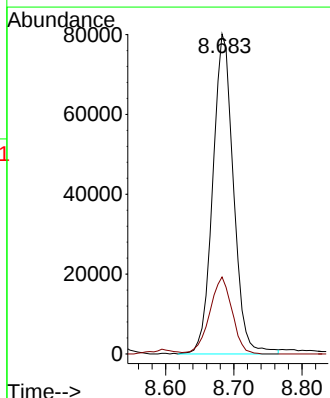
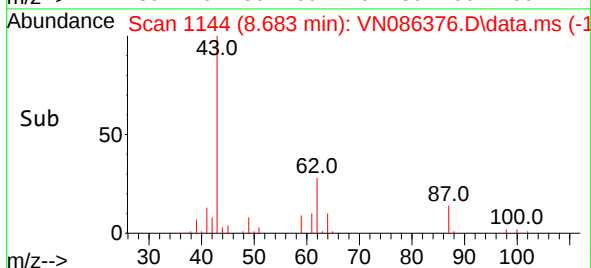
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

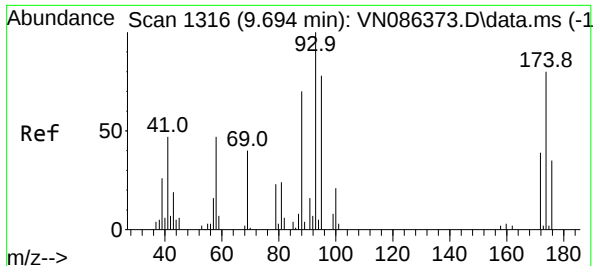


#44
Isopropyl Acetate
Concen: 75.991 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57



Tgt Ion: 43 Resp: 169581
Ion Ratio Lower Upper
43 100
61 26.0 21.0 31.4





#45

1,4-Dioxane

Concen: 1651.615 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 2875

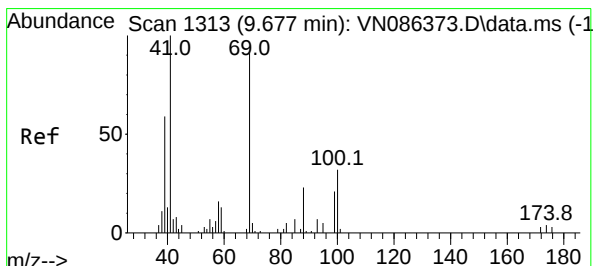
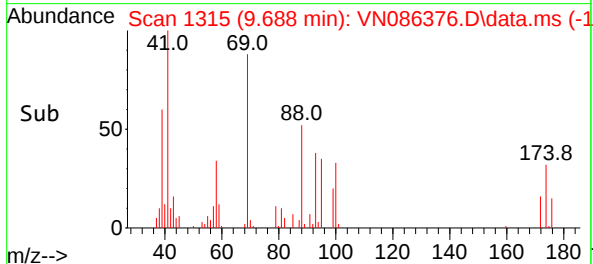
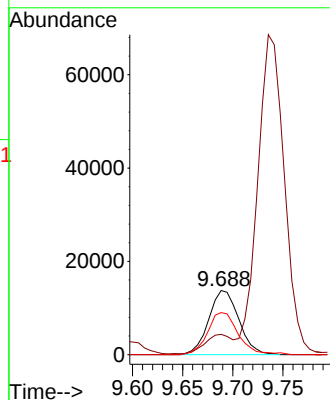
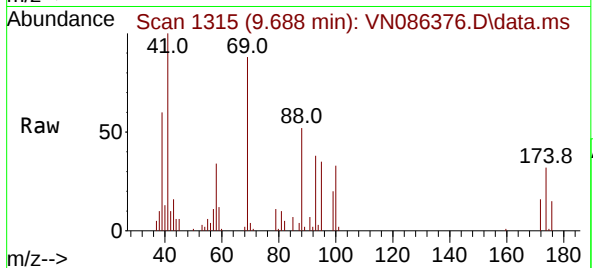
Ion	Ratio	Lower	Upper
88	100		
43	26.5	24.9	37.3
58	67.0	57.8	86.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#46

Methyl methacrylate

Concen: 75.291 ug/l

RT: 9.677 min Scan# 1313

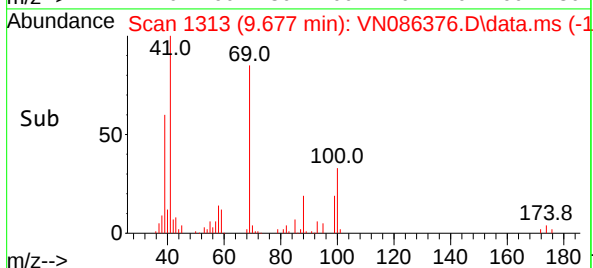
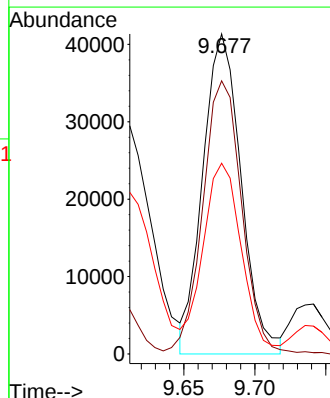
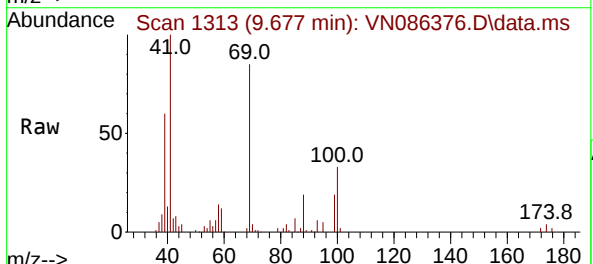
Delta R.T. 0.000 min

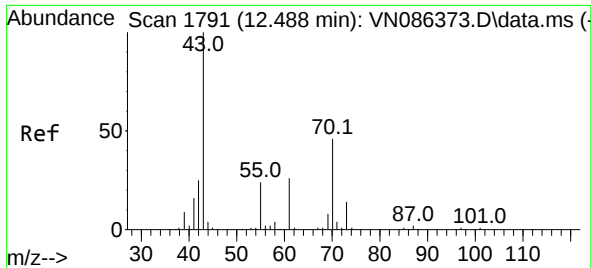
Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Tgt Ion: 41 Resp: 77502

Ion	Ratio	Lower	Upper
41	100		
69	88.4	44.1	132.3
39	60.0	30.0	90.1





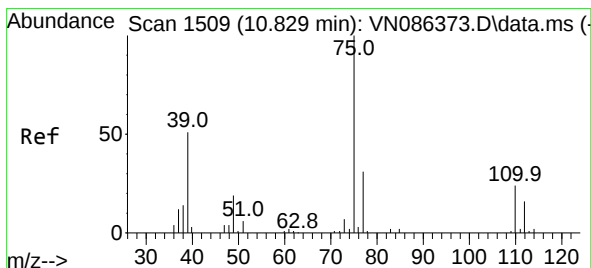
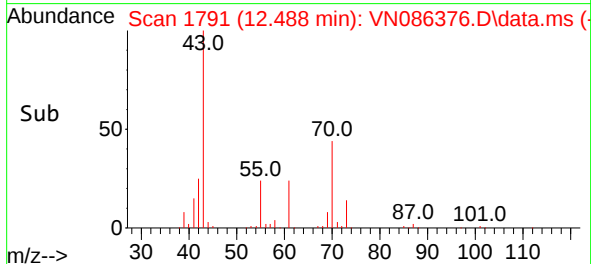
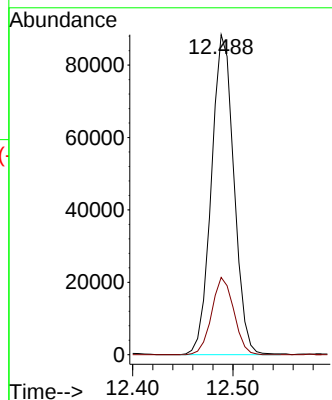
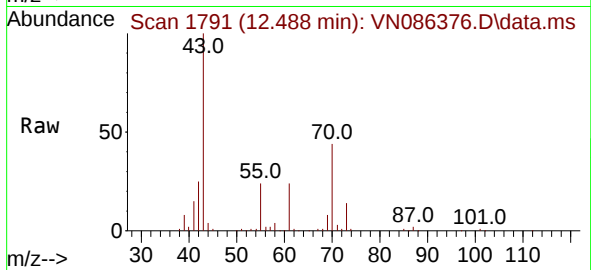
#47
n-amy1 Acetate
Concen: 72.657 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 13819
Ion Ratio Lower Upper
43 100
55 23.7 19.4 29.0

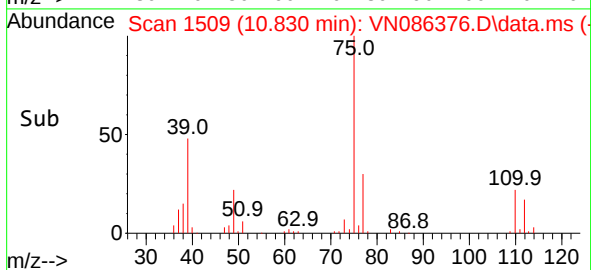
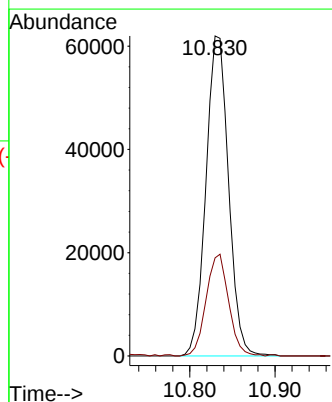
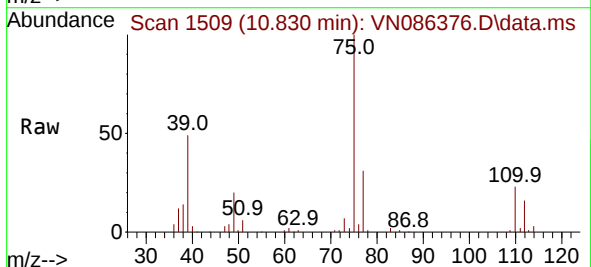
Manual Integrations
APPROVED

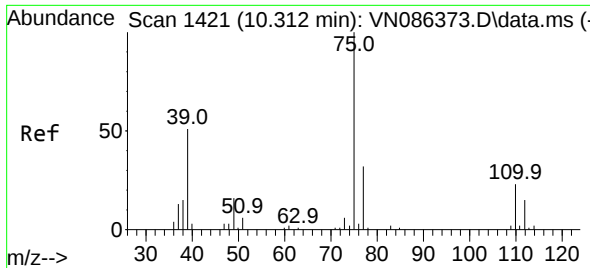
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#48
t-1,3-Dichloropropene
Concen: 74.956 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

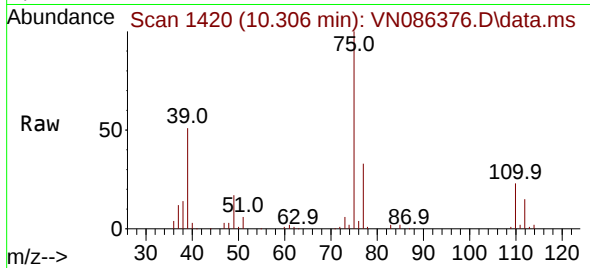
Tgt Ion: 75 Resp: 114069
Ion Ratio Lower Upper
75 100
77 30.7 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 74.536 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN086376.D
 Acq: 23 Apr 2025 10:57

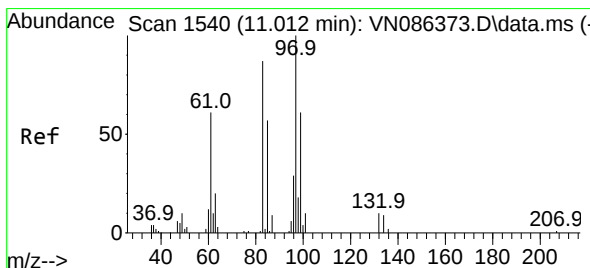
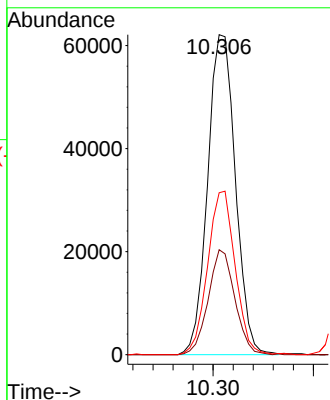
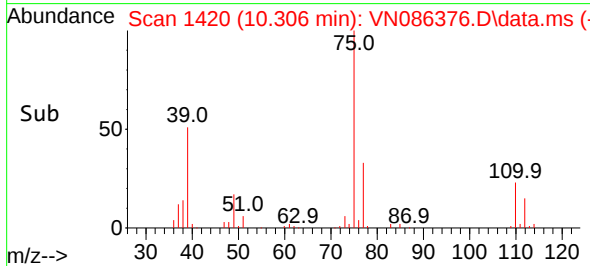
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 119618
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.6 38.4
 39 50.6 40.6 60.8

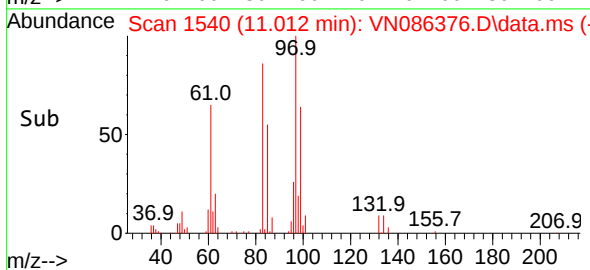
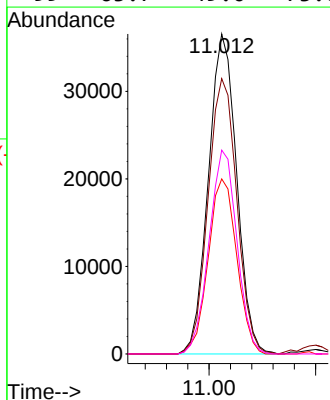
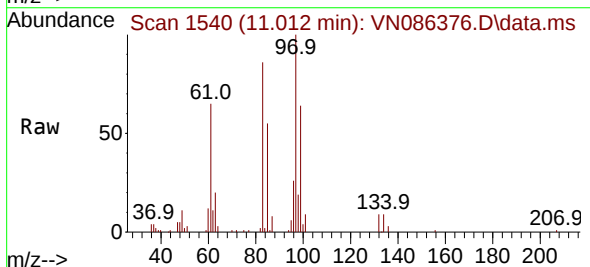
Manual Integrations
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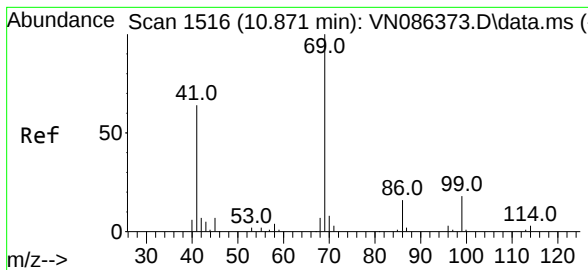
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#50
 1,1,2-Trichloroethane
 Concen: 75.031 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086376.D
 Acq: 23 Apr 2025 10:57

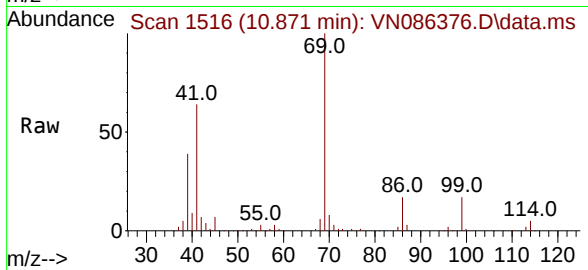
Tgt Ion: 97 Resp: 67413
 Ion Ratio Lower Upper
 97 100
 83 86.1 69.3 103.9
 85 54.7 45.5 68.3
 99 63.7 49.0 73.6





#51
Ethyl methacrylate
Concen: 73.970 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

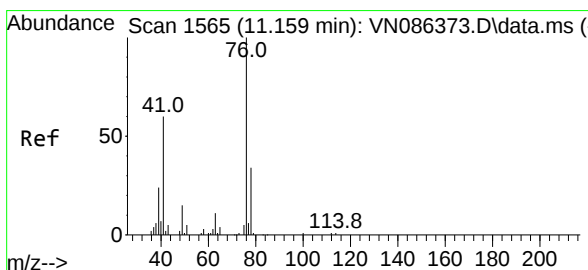
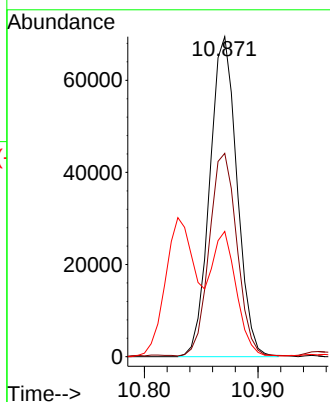
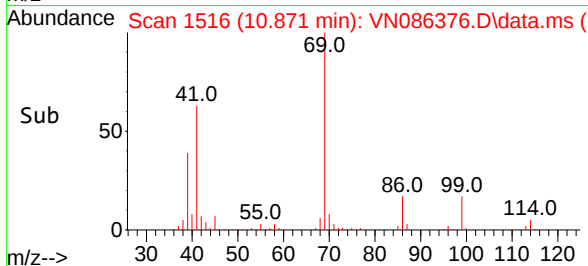
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 69 Resp: 115740
Ion Ratio Lower Upper
69 100
41 63.3 32.3 96.8
39 38.8 19.1 57.1

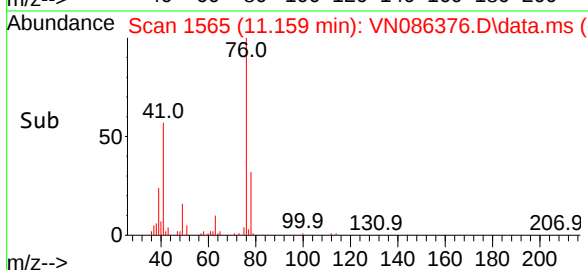
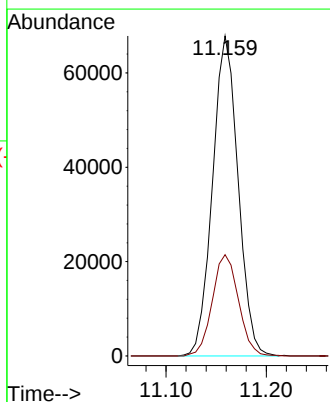
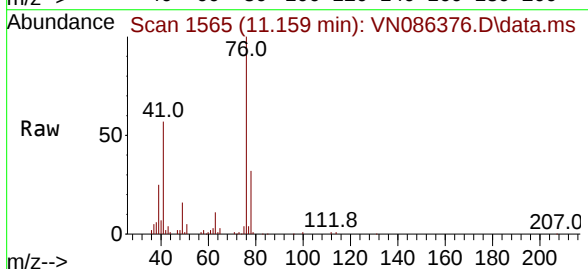
Manual Integrations
APPROVED

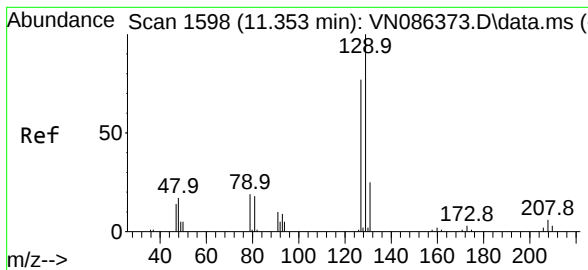
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
1,3-Dichloropropane
Concen: 75.700 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

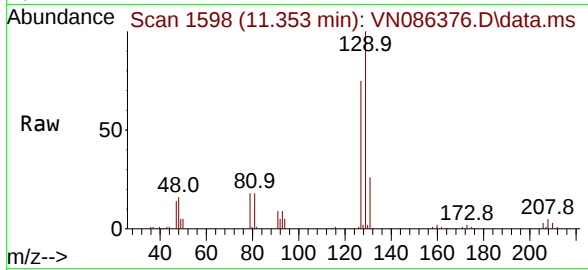
Tgt Ion: 76 Resp: 120207
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.6





#53
Dibromochloromethane
Concen: 74.183 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

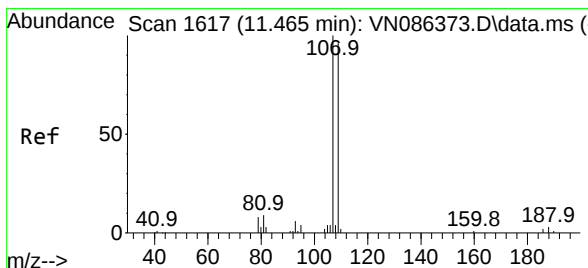
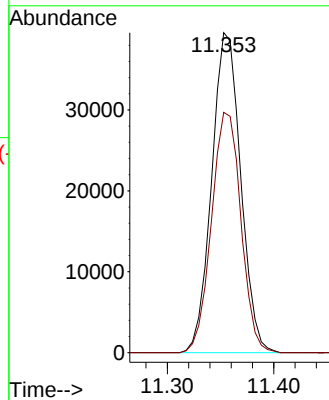
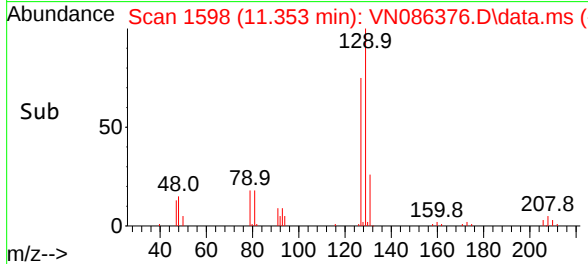
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



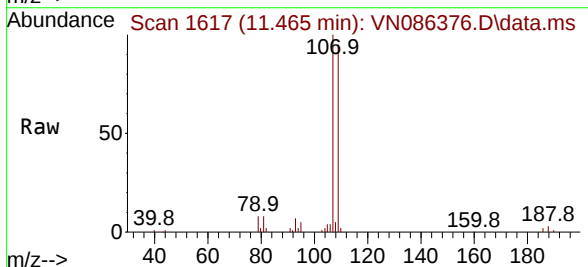
Tgt Ion:129 Resp: 7484
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.3

Manual Integrations
APPROVED

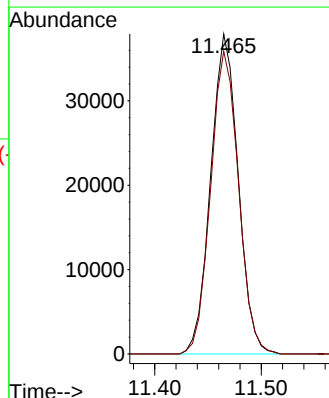
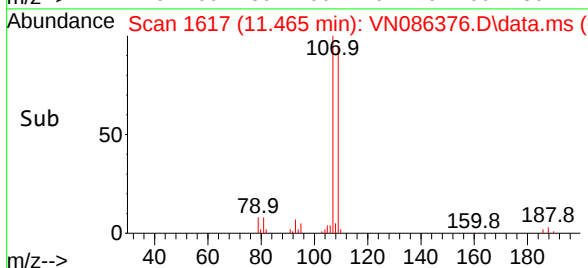
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

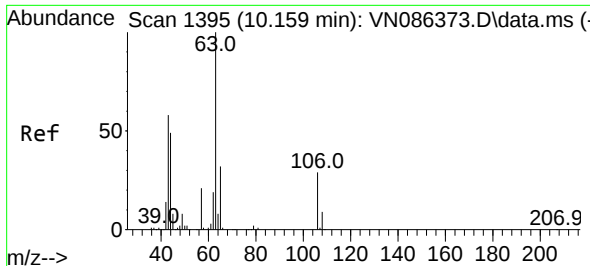


#54
1,2-Dibromoethane
Concen: 74.396 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57



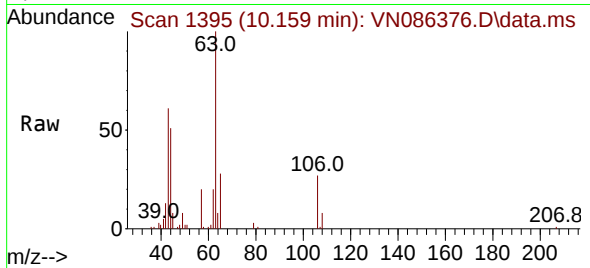
Tgt Ion:107 Resp: 67963
Ion Ratio Lower Upper
107 100
109 95.8 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 42.877 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

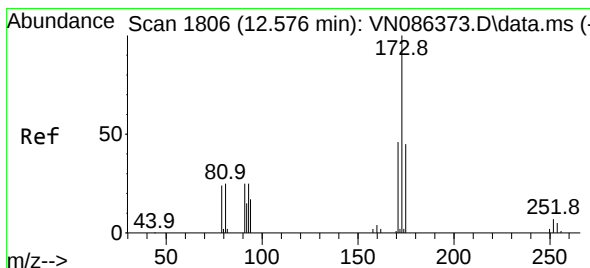
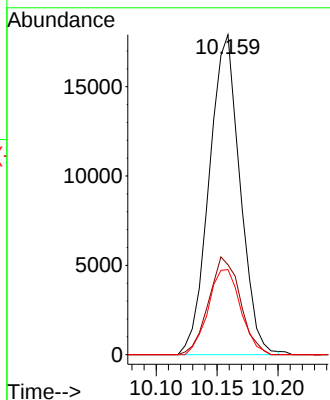
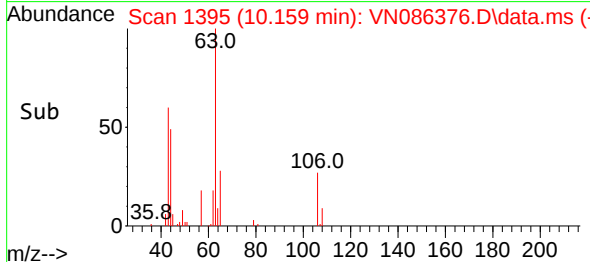
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 31544
Ion Ratio Lower Upper
63 100
65 31.3 25.7 38.5
106 28.0 22.3 33.5

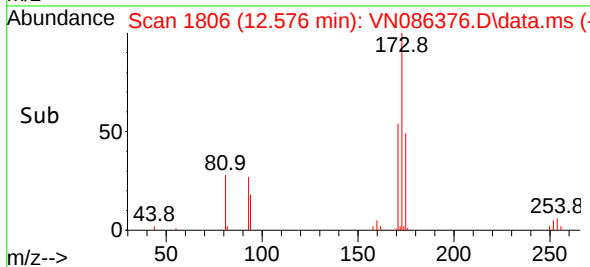
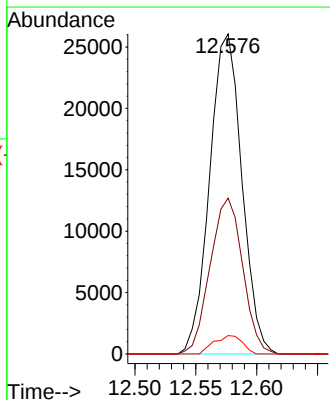
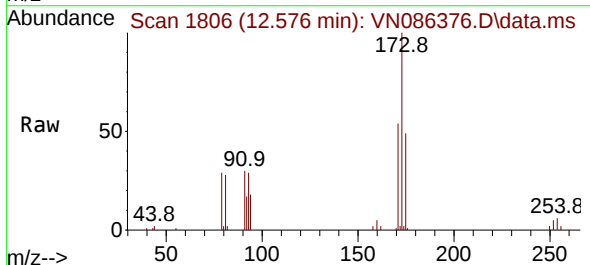
Manual Integrations
APPROVED

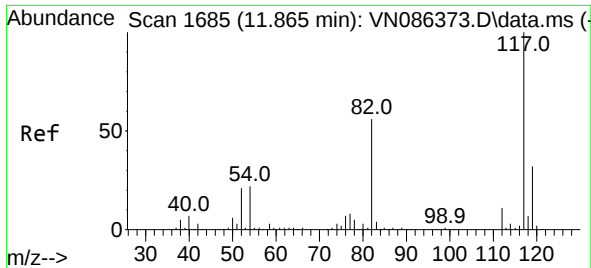
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#56
Bromoform
Concen: 73.279 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Tgt Ion:173 Resp: 47975
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.6
254 5.1 3.8 5.6





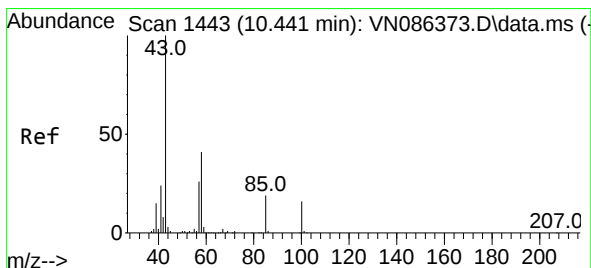
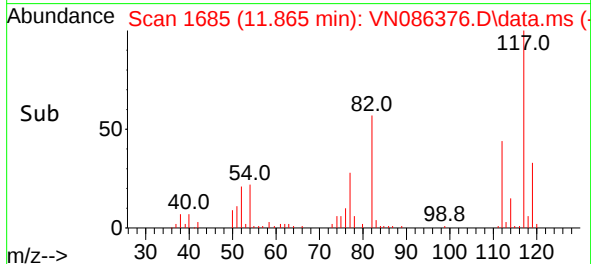
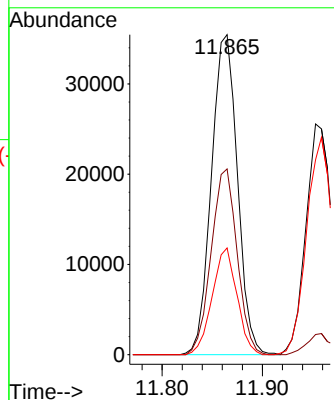
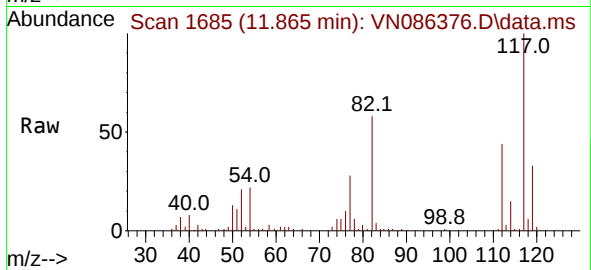
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 63910
Ion Ratio Lower Upper
117 100
82 58.0 45.5 68.3
119 31.8 25.9 38.9

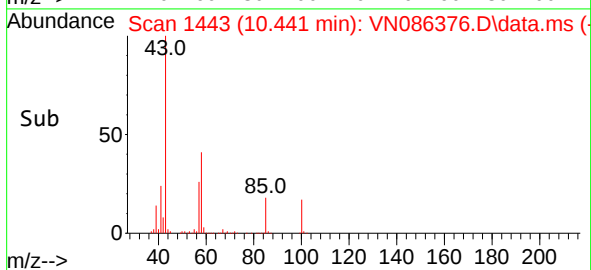
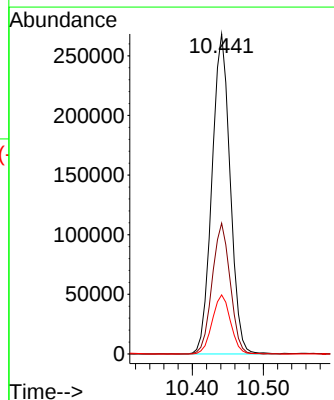
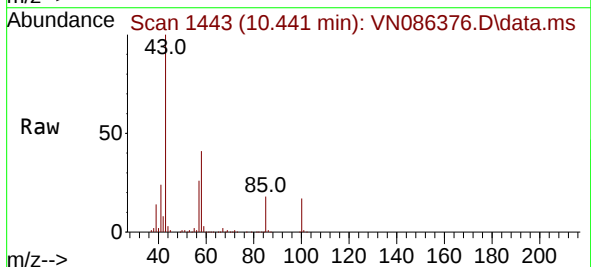
Manual Integrations
APPROVED

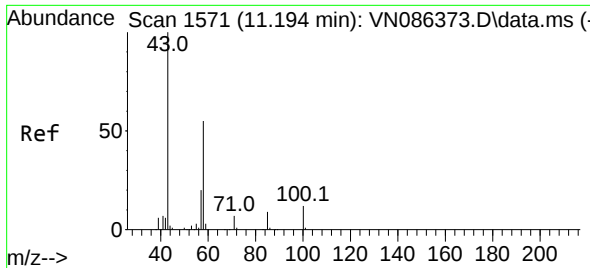
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#58
4-Methyl-2-Pentanone
Concen: 385.744 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

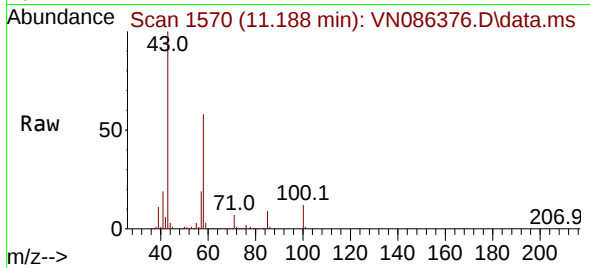
Tgt Ion: 43 Resp: 477113
Ion Ratio Lower Upper
43 100
58 40.5 33.0 49.6
85 18.5 14.9 22.3





#59
2-Hexanone
Concen: 387.442 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

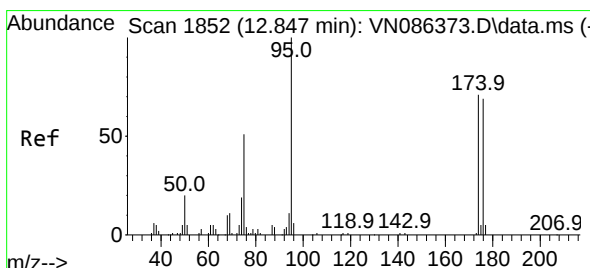
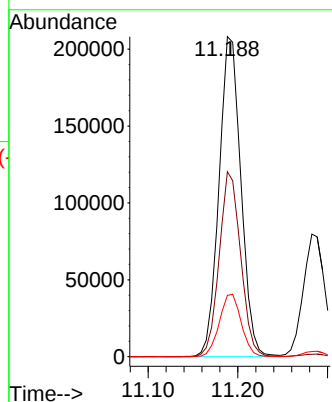
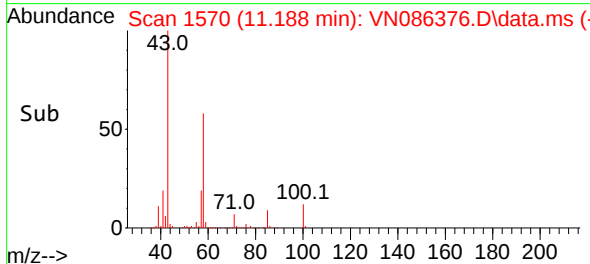
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



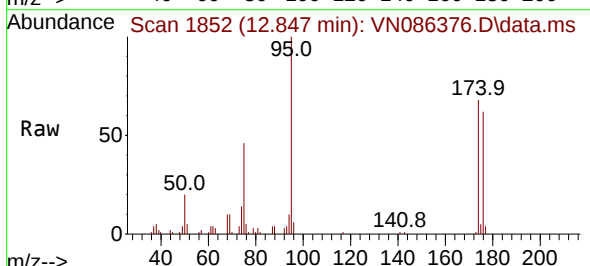
Tgt Ion: 43 Resp: 35314
Ion Ratio Lower Upper
43 100
58 56.5 45.0 67.6
57 19.6 15.5 23.3

Manual Integrations
APPROVED

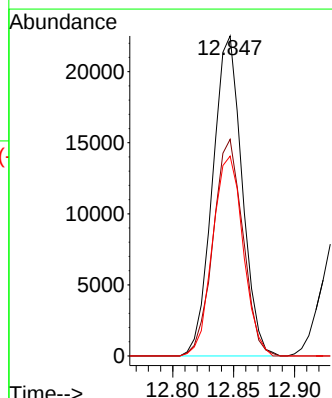
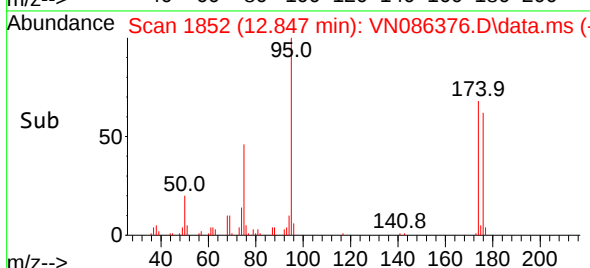
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

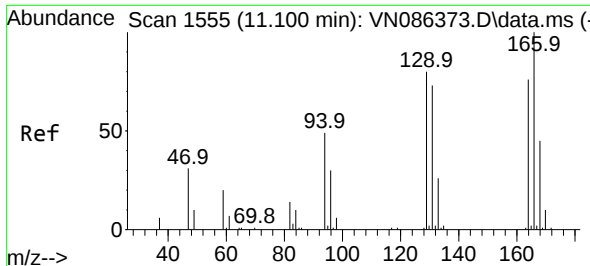


#60
4-Bromofluorobenzene
Concen: 30.203 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57



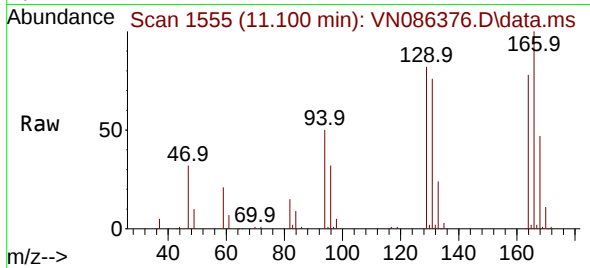
Tgt Ion: 95 Resp: 37942
Ion Ratio Lower Upper
95 100
174 68.1 56.6 84.8
176 64.6 53.3 79.9





#61
Tetrachloroethene
Concen: 72.481 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

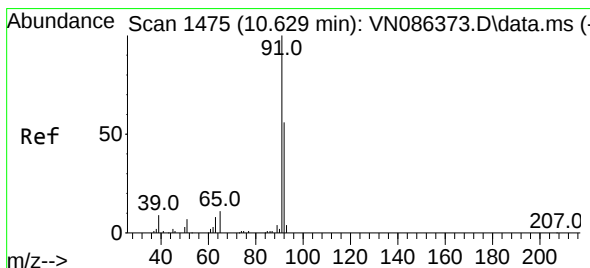
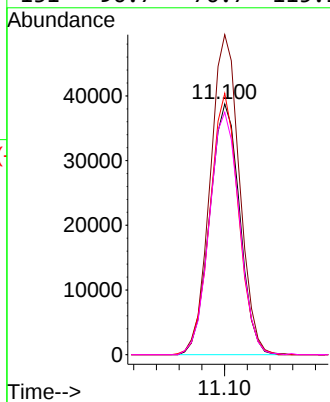
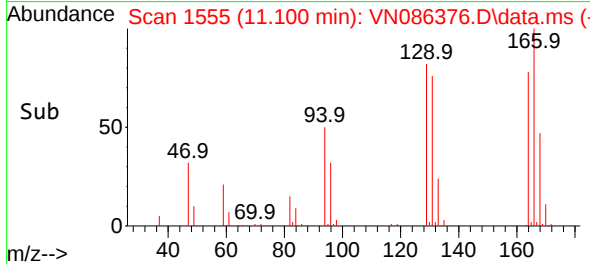
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



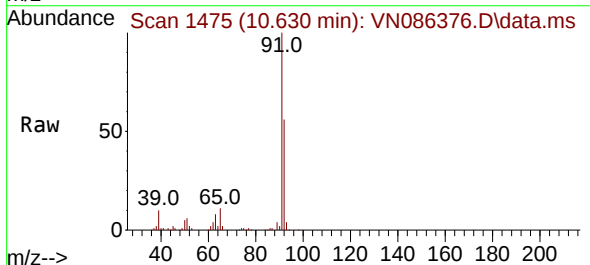
Tgt Ion:164 Resp: 70658
Ion Ratio Lower Upper
164 100
166 127.6 105.0 157.4
129 104.2 83.9 125.9
131 96.7 76.7 115.1

Manual Integrations
APPROVED

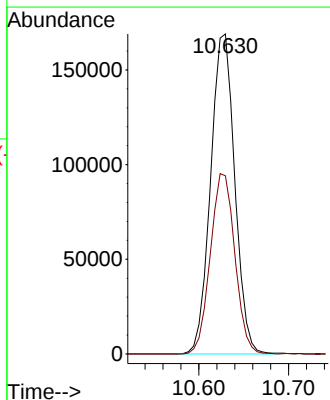
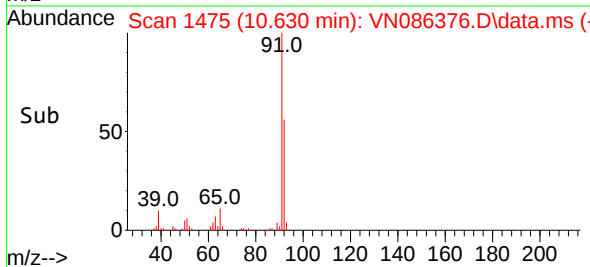
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

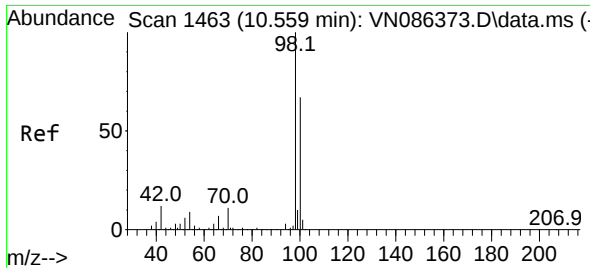


#62
Toluene
Concen: 73.892 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57



Tgt Ion: 91 Resp: 316128
Ion Ratio Lower Upper
91 100
92 57.1 45.7 68.5





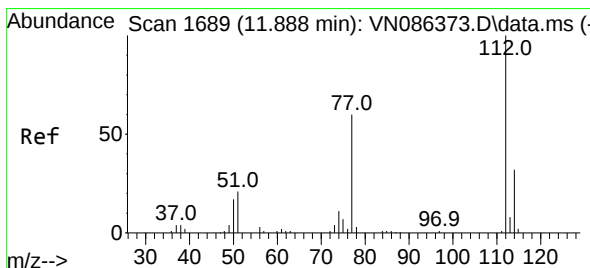
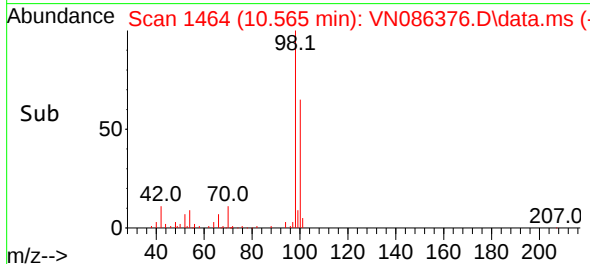
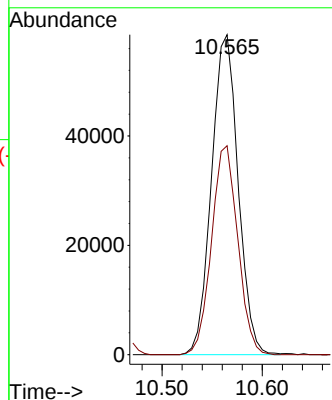
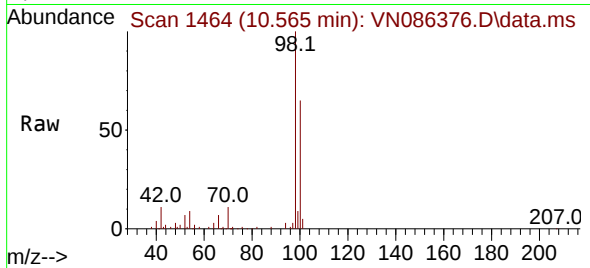
#63
Toluene-d8
Concen: 30.724 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 108030
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

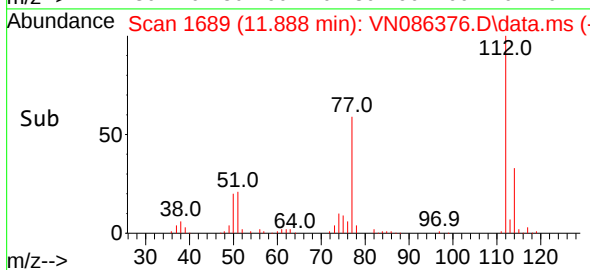
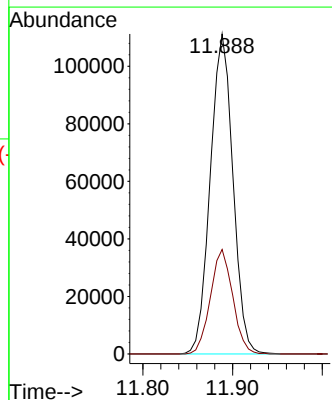
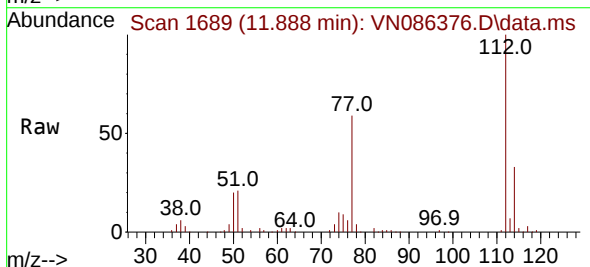
Manual Integrations
APPROVED

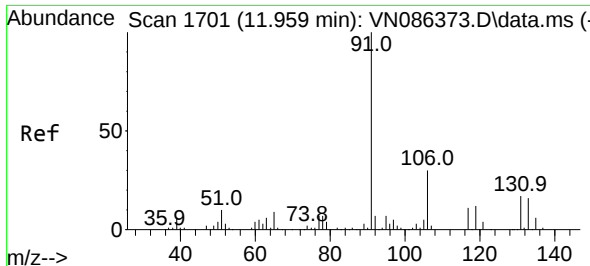
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Chlorobenzene
Concen: 73.205 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

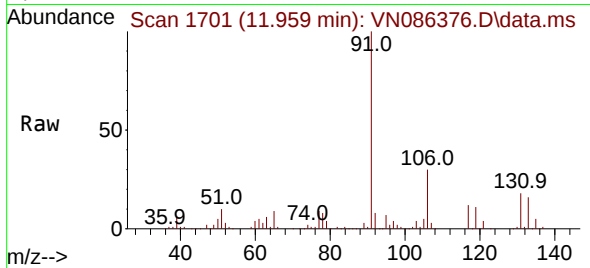
Tgt Ion:112 Resp: 195149
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 73.155 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

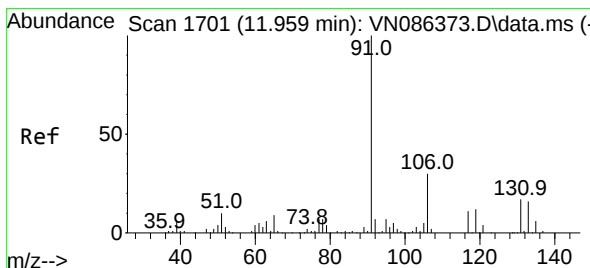
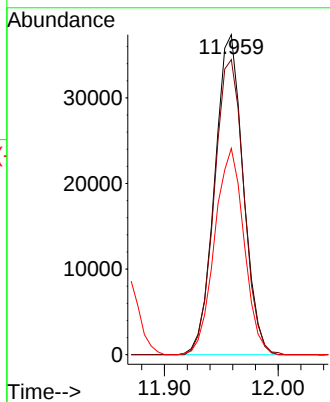
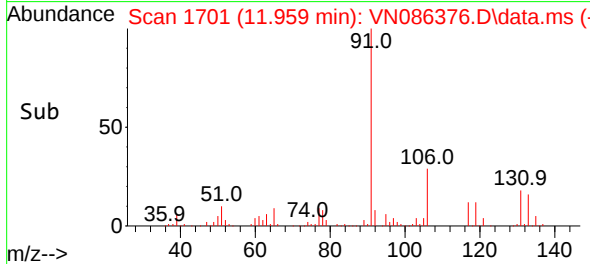
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:131 Resp: 6520
Ion Ratio Lower Upper
131 100
133 95.2 0.0 191.4
119 66.3 0.0 133.6

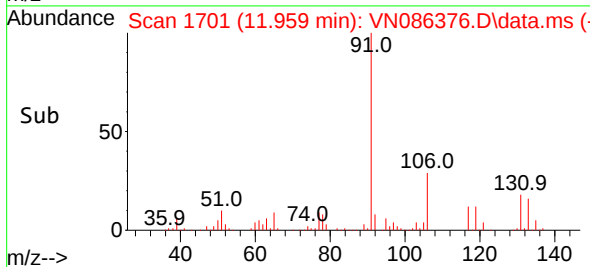
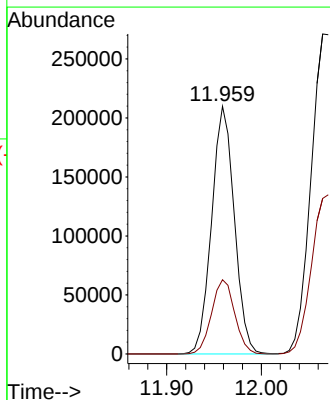
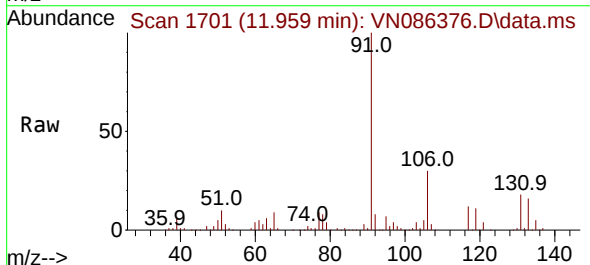
Manual Integrations
APPROVED

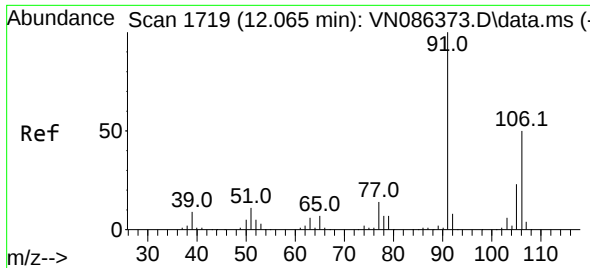
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#66
Ethyl Benzene
Concen: 72.670 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Tgt Ion: 91 Resp: 349954
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5





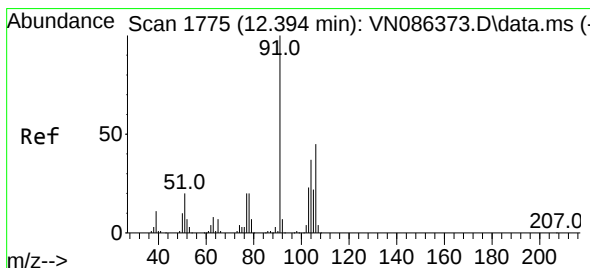
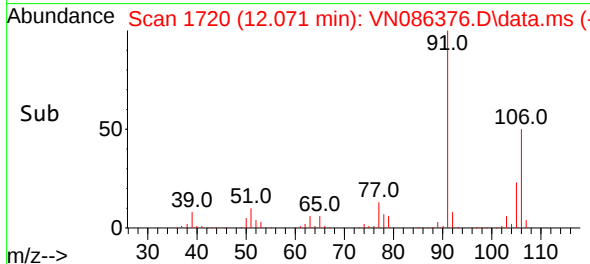
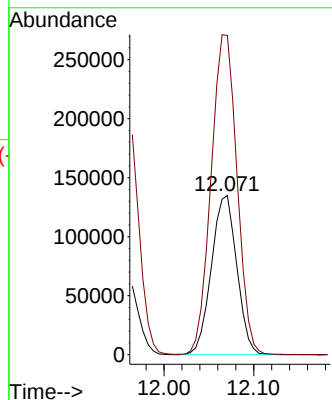
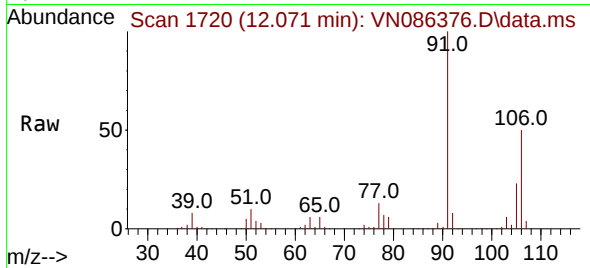
#67
m/p-Xylenes
Concen: 145.012 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 26496
Ion Ratio Lower Upper
106 100
91 205.4 162.6 243.8

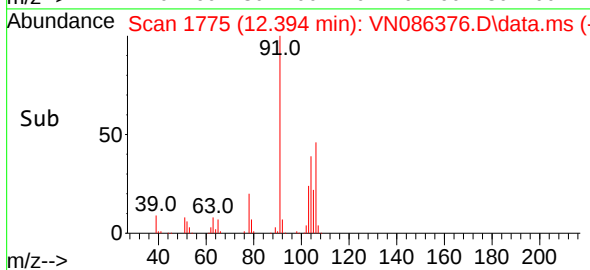
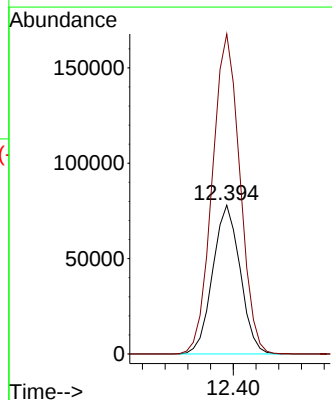
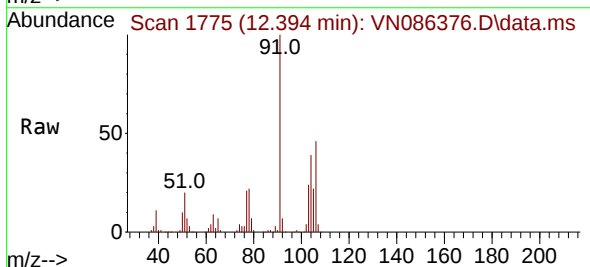
Manual Integrations
APPROVED

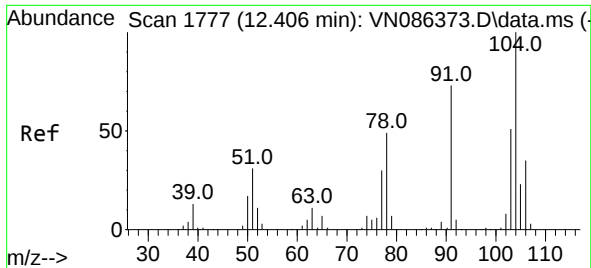
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#68
o-Xylene
Concen: 73.116 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Tgt Ion:106 Resp: 130809
Ion Ratio Lower Upper
106 100
91 216.6 110.6 331.6





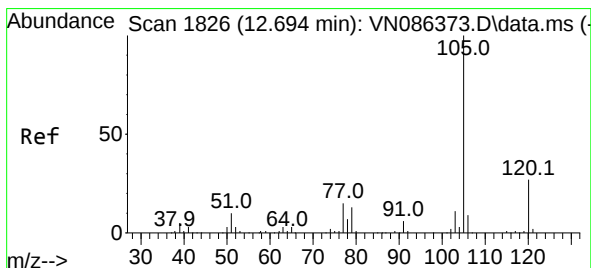
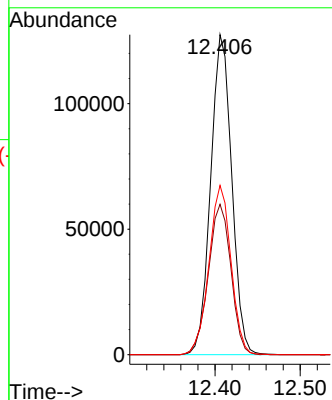
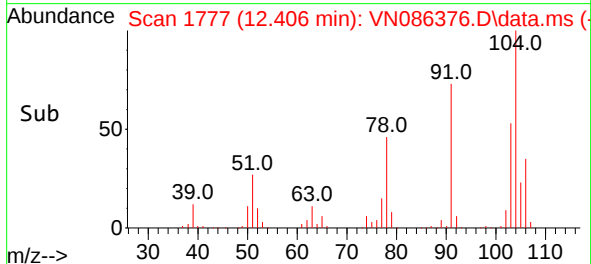
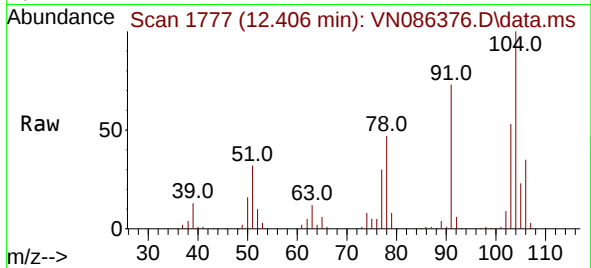
#69
Styrene
Concen: 72.205 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:104 Resp: 21895
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.4
103 55.3 43.8 65.8

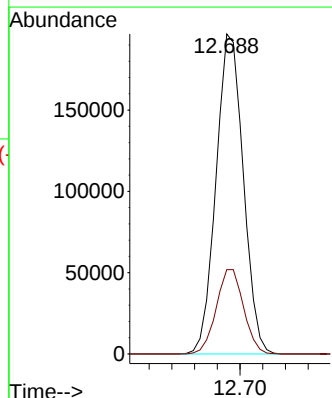
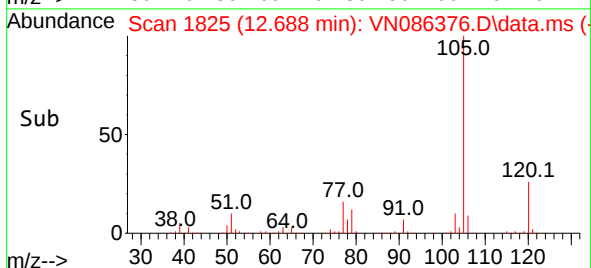
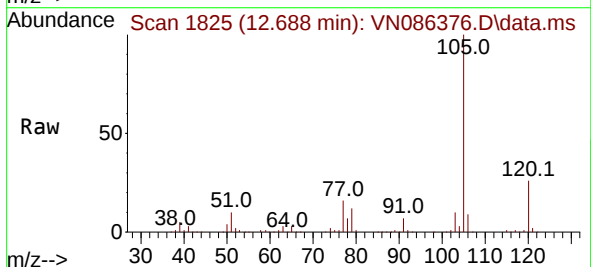
Manual Integrations
APPROVED

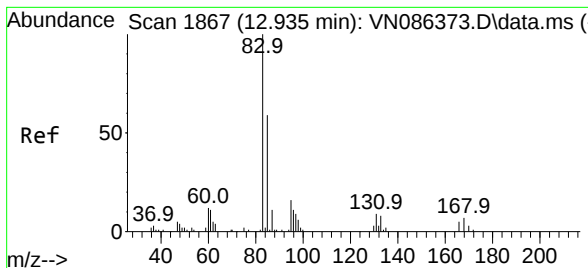
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#70
Isopropylbenzene
Concen: 73.450 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Tgt Ion:105 Resp: 328024
Ion Ratio Lower Upper
105 100
120 26.4 18.2 33.8





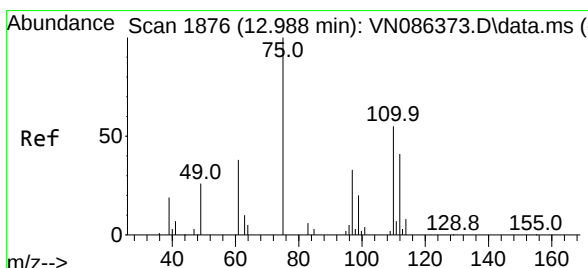
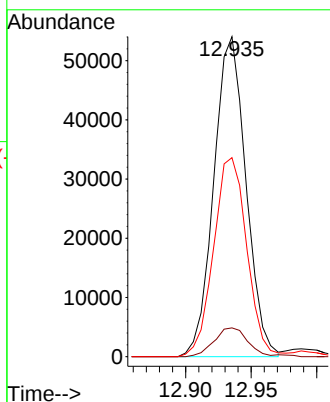
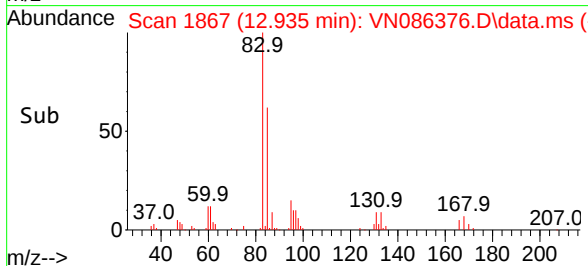
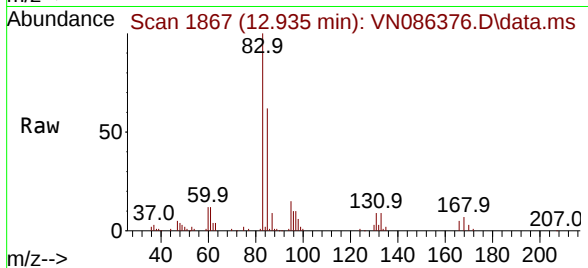
#71
1,1,2,2-Tetrachloroethane
Concen: 78.402 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 9219
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 64.2 31.7 95.1

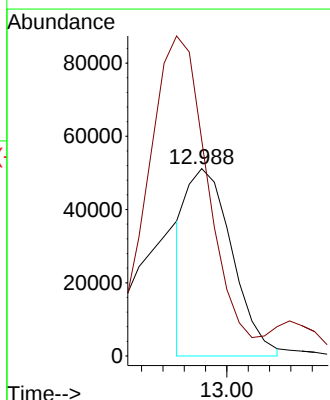
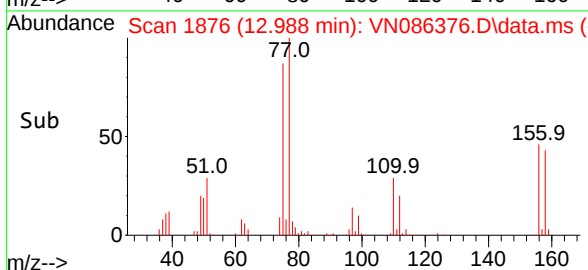
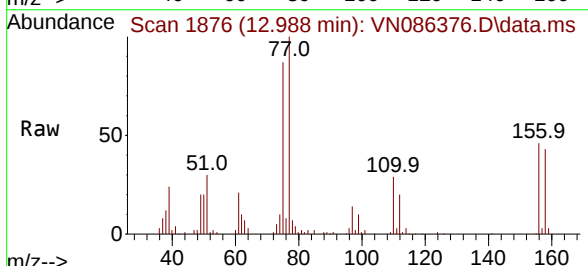
Manual Integrations
APPROVED

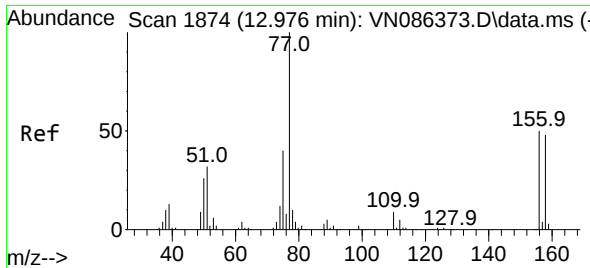
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#72
1,2,3-Trichloropropane
Concen: 74.942 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

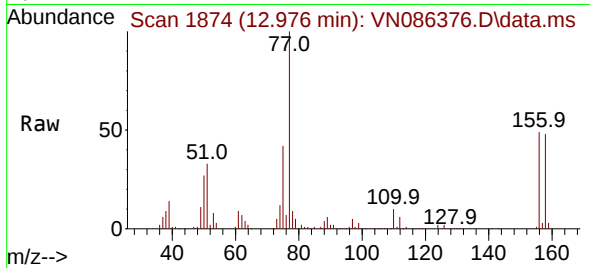
Tgt Ion: 75 Resp: 76363
Ion Ratio Lower Upper
75 100
77 226.2 0.0 464.4





#73
Bromobenzene
Concen: 73.321 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

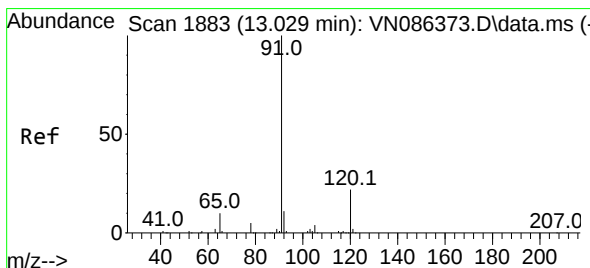
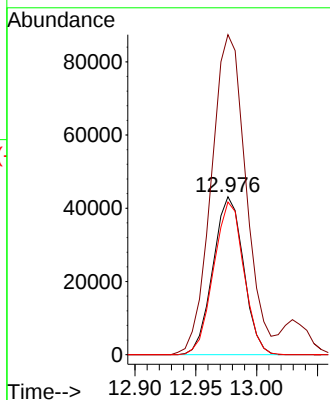
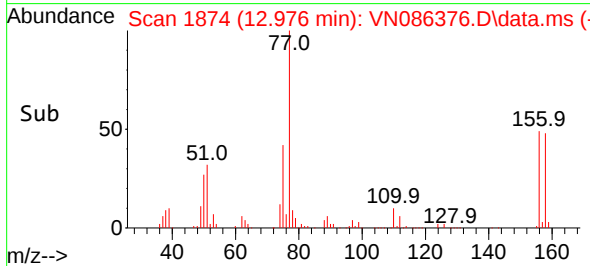
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



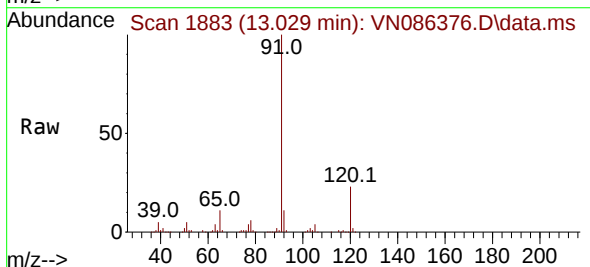
Tgt Ion:156 Resp: 75280
Ion Ratio Lower Upper
156 100
77 229.4 0.0 463.4
158 95.8 0.0 191.8

Manual Integrations
APPROVED

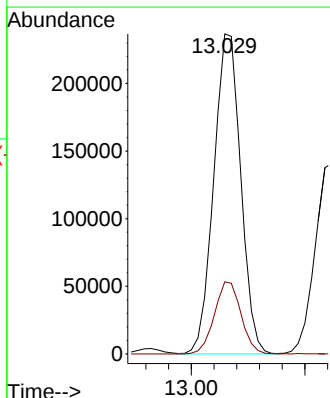
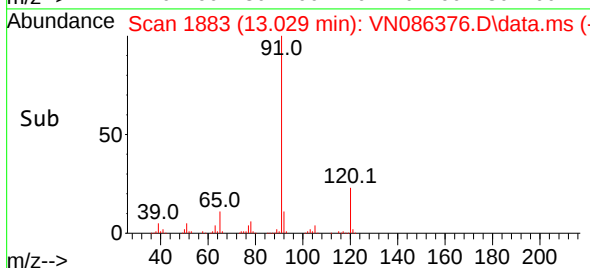
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

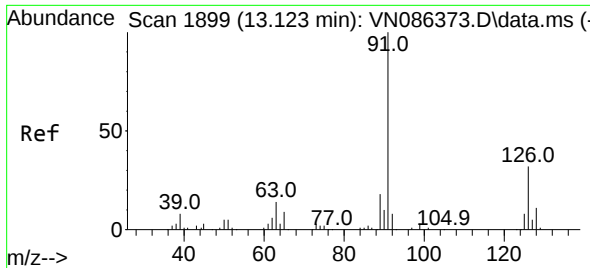


#74
n-propylbenzene
Concen: 73.528 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57



Tgt Ion: 91 Resp: 390207
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.8





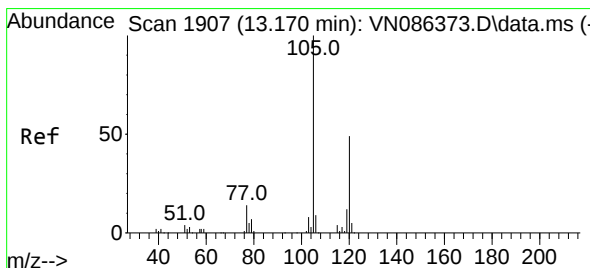
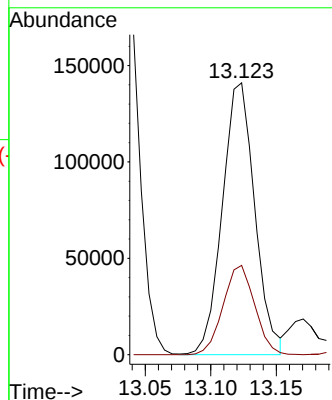
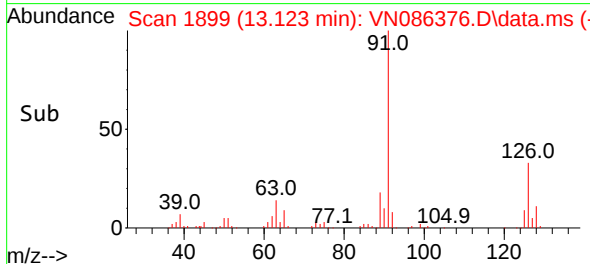
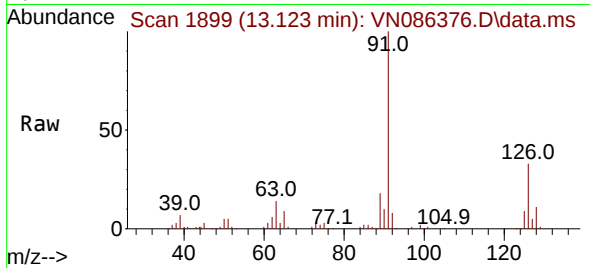
#75
2-Chlorotoluene
Concen: 73.342 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 24297
Ion Ratio Lower Upper
91 100
126 31.9 0.0 65.0

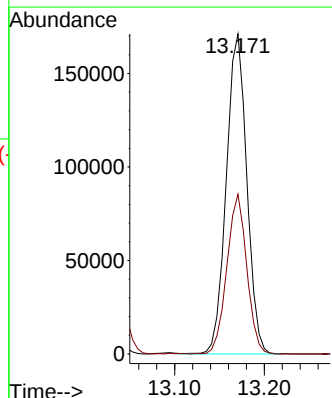
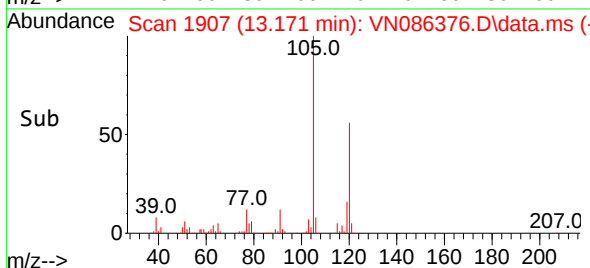
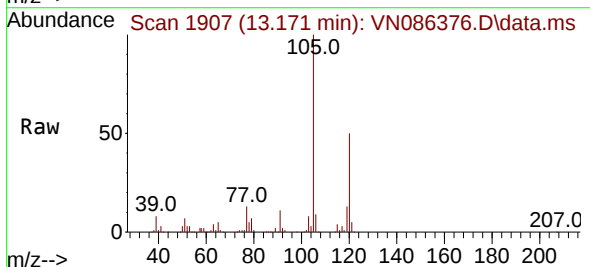
Manual Integrations
APPROVED

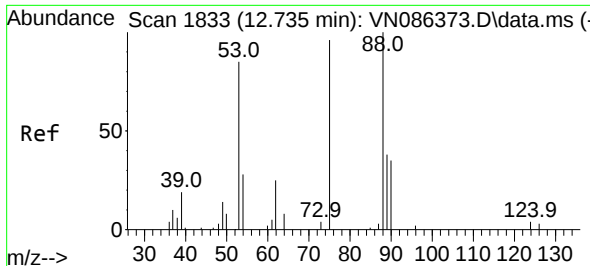
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 74.102 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

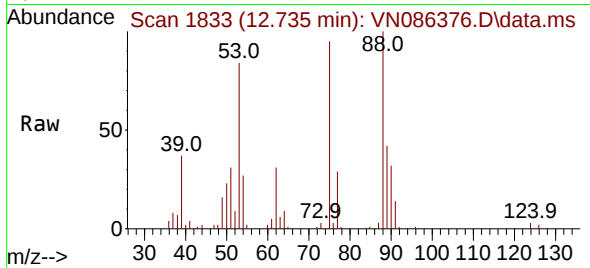
Tgt Ion:105 Resp: 271539
Ion Ratio Lower Upper
105 100
120 48.4 0.0 97.6





#77
t-1,4-Dichloro-2-butene
Concen: 75.044 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

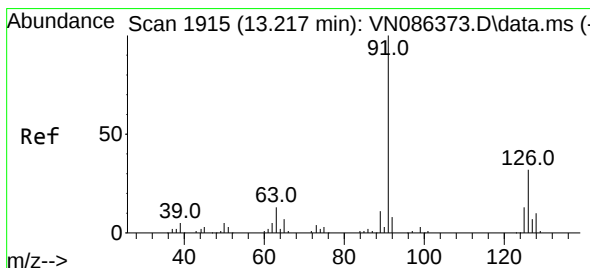
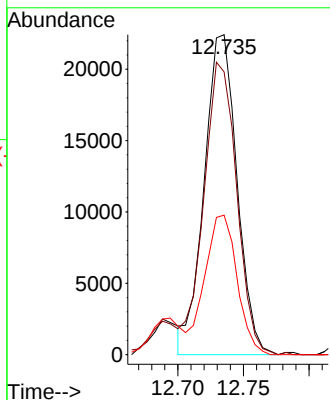
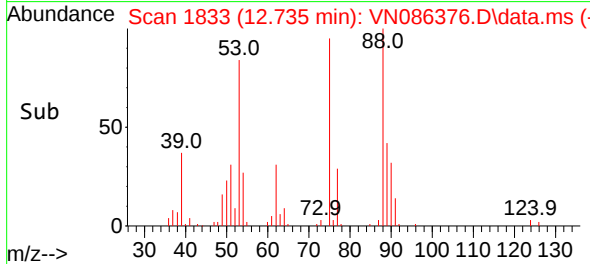
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 3904
Ion Ratio Lower Upper
75 100
53 88.3 46.0 138.0
89 43.6 21.6 64.6

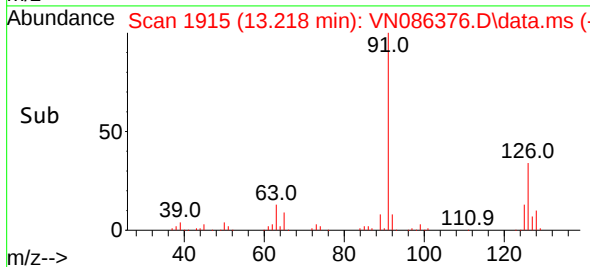
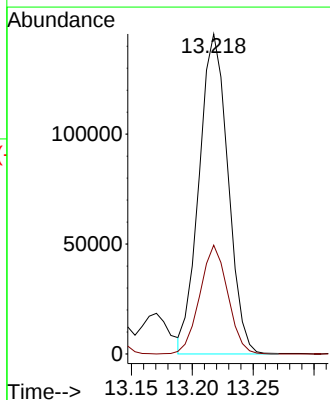
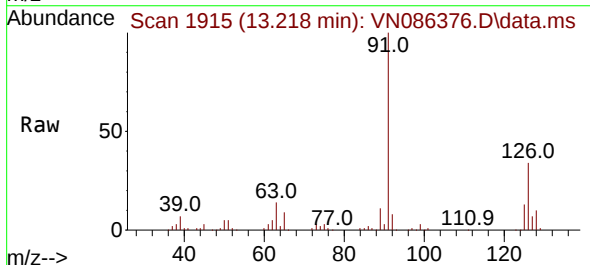
Manual Integrations
APPROVED

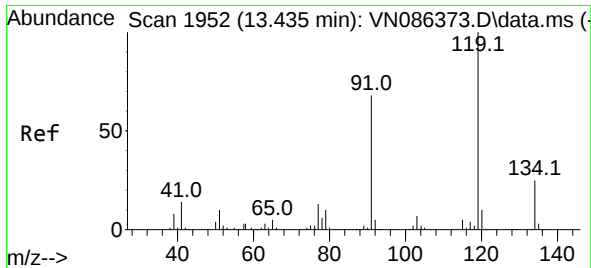
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#78
4-Chlorotoluene
Concen: 72.559 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Tgt Ion: 91 Resp: 240348
Ion Ratio Lower Upper
91 100
126 32.8 0.0 65.4





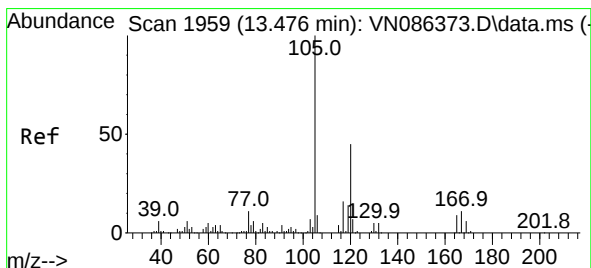
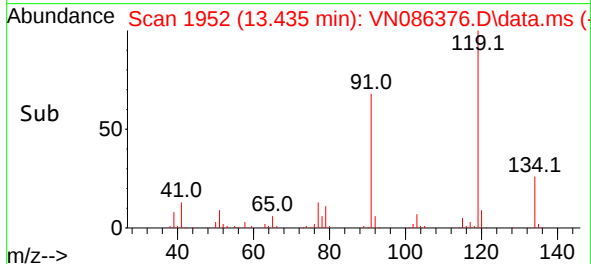
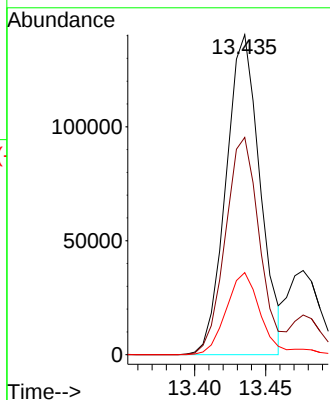
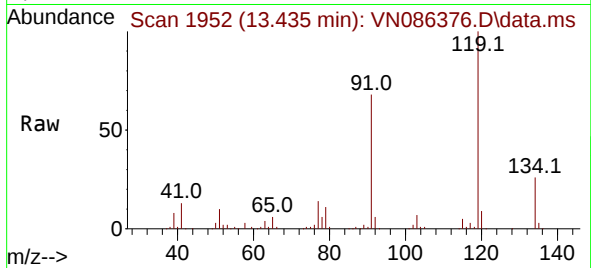
#79
tert-butylbenzene
Concen: 74.745 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 234572
Ion Ratio Lower Upper
119 100
91 68.9 0.0 137.4
134 25.2 0.0 49.2

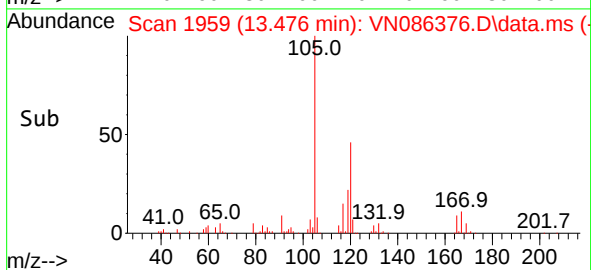
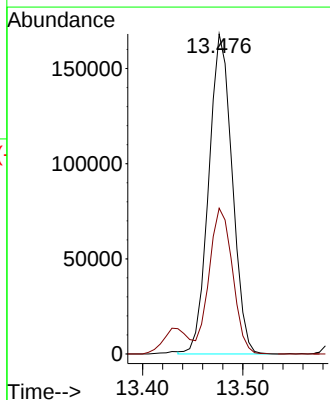
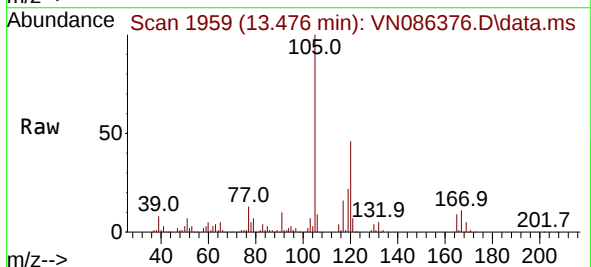
Manual Integrations
APPROVED

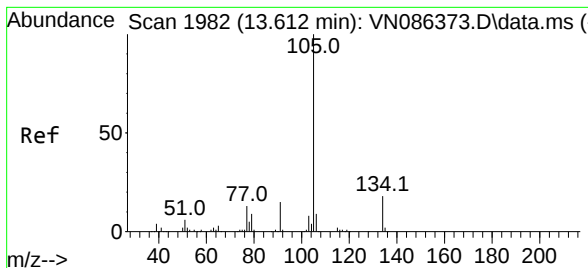
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#80
1,2,4-Trimethylbenzene
Concen: 73.084 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

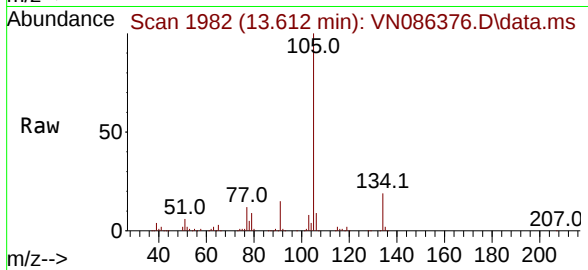
Tgt Ion:105 Resp: 273505
Ion Ratio Lower Upper
105 100
120 45.1 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 75.735 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086376.D
 Acq: 23 Apr 2025 10:57

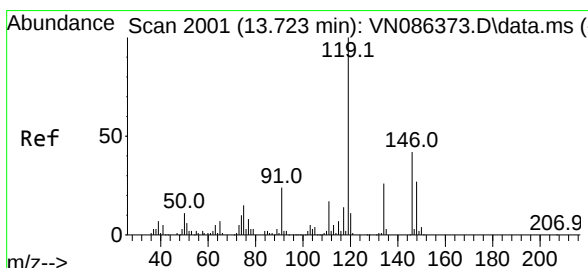
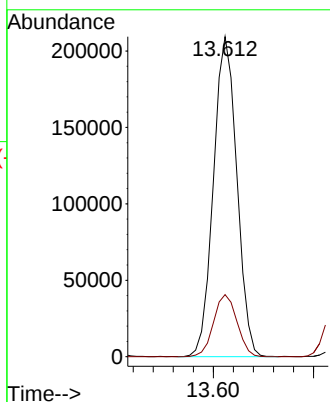
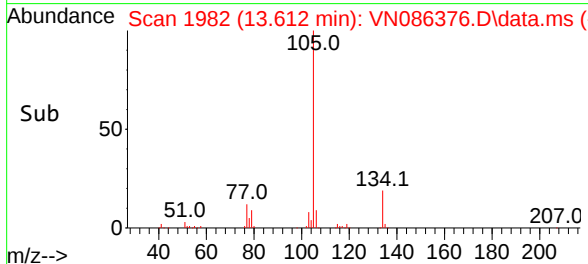
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



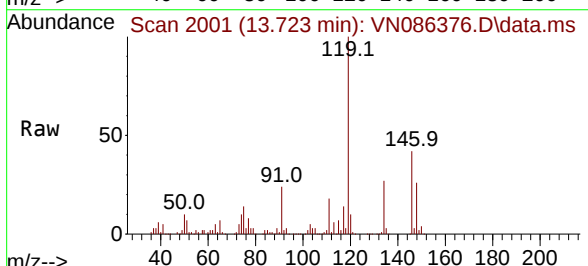
Tgt Ion:105 Resp: 339274
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.4

Manual Integrations
 APPROVED

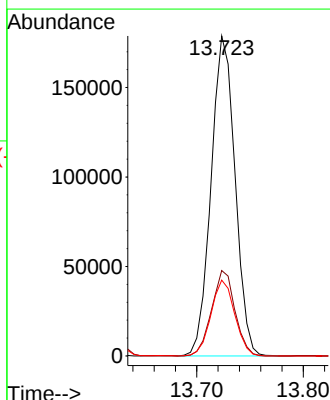
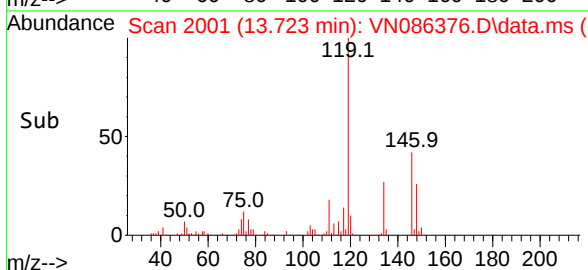
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025

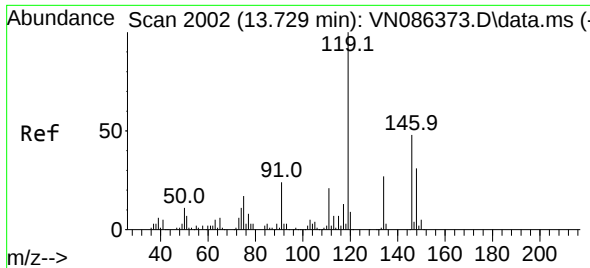


#82
 p-Isopropyltoluene
 Concen: 74.534 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086376.D
 Acq: 23 Apr 2025 10:57



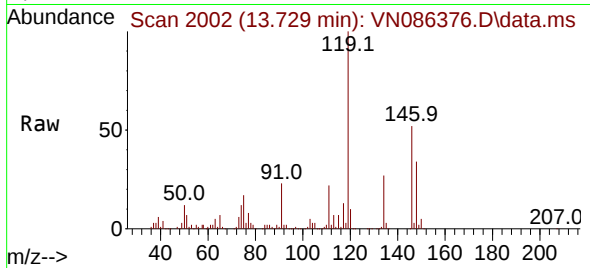
Tgt Ion:119 Resp: 279394
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.2
 91 23.5 0.0 47.6





#83
1,3-Dichlorobenzene
Concen: 71.680 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

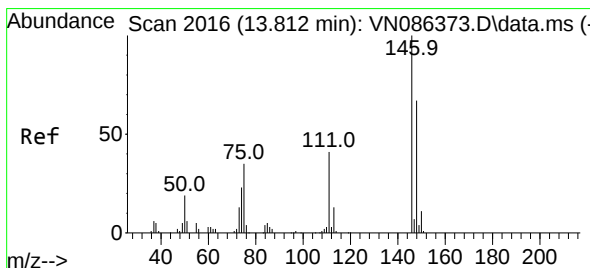
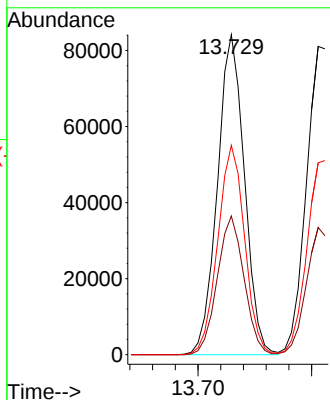
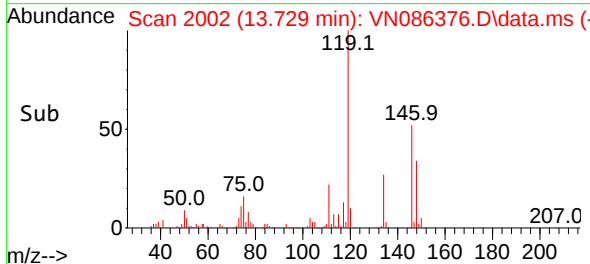
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



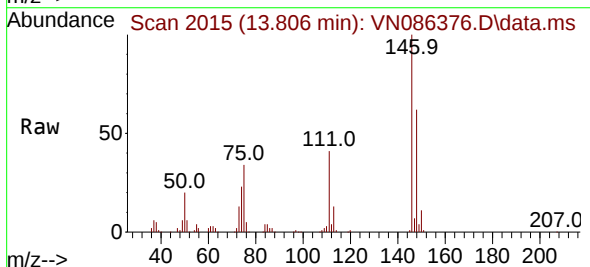
Tgt Ion:146 Resp: 139120
Ion Ratio Lower Upper
146 100
111 42.9 20.7 62.1
148 65.1 32.3 96.8

Manual Integrations
APPROVED

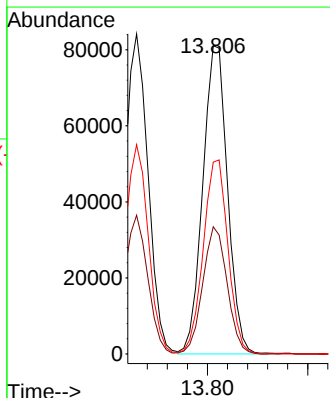
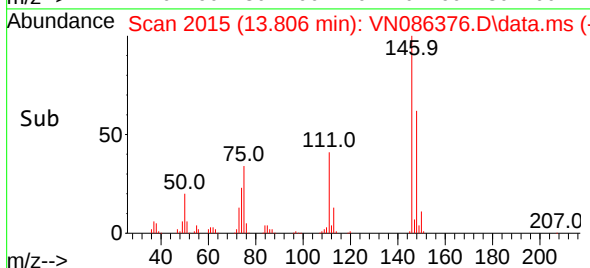
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

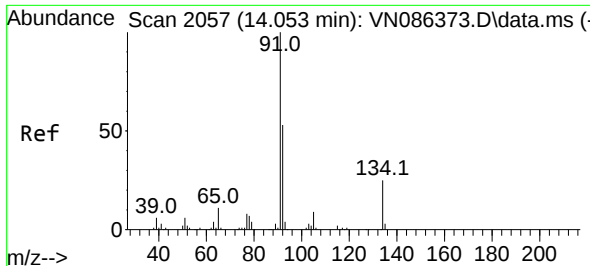


#84
1,4-Dichlorobenzene
Concen: 72.639 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57



Tgt Ion:146 Resp: 139291
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.8
148 62.9 32.4 97.2





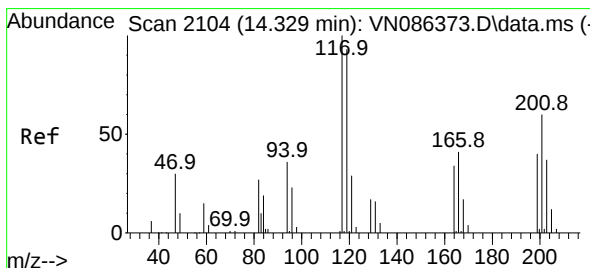
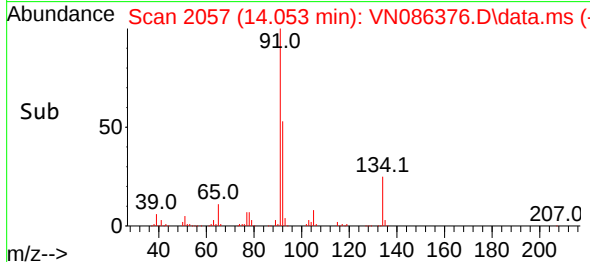
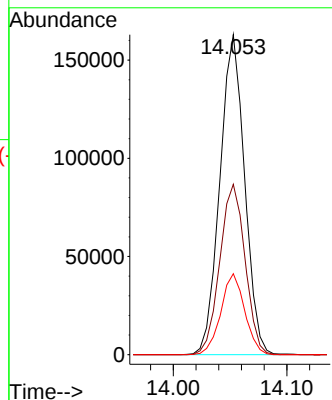
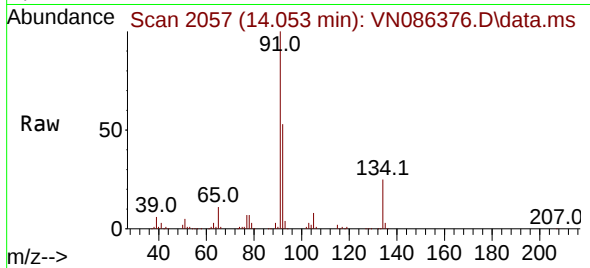
#85
n-Butylbenzene
Concen: 73.721 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 246584
Ion Ratio Lower Upper
91 100
92 54.3 0.0 107.2
134 24.5 0.0 48.2

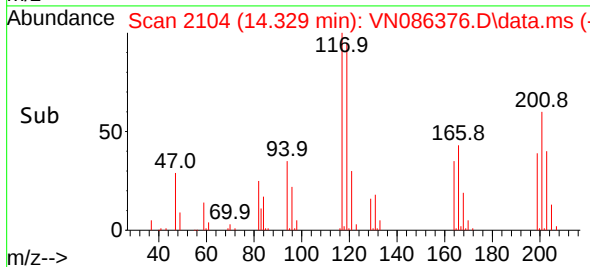
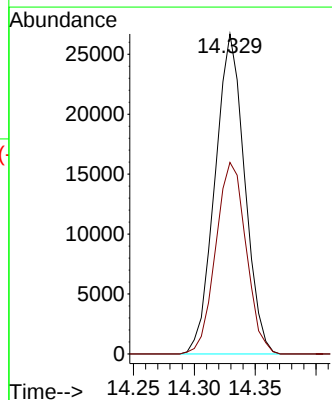
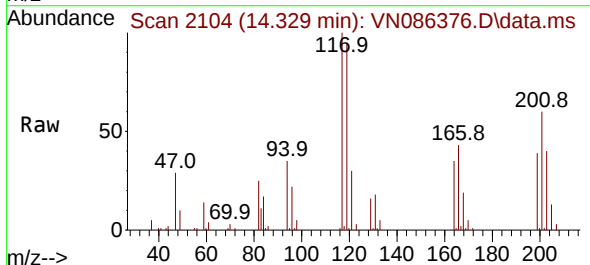
Manual Integrations
APPROVED

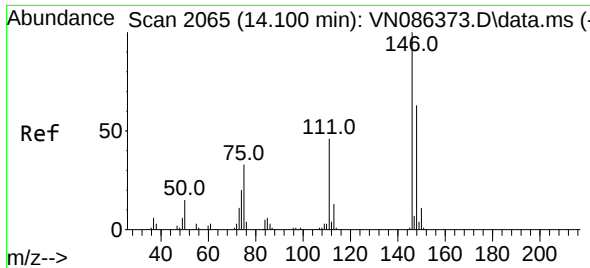
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#86
Hexachloroethane
Concen: 73.794 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Tgt Ion:117 Resp: 45232
Ion Ratio Lower Upper
117 100
201 61.3 31.7 95.1





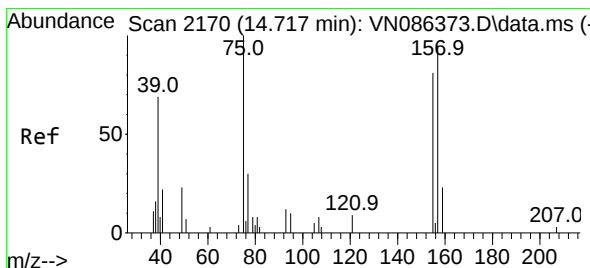
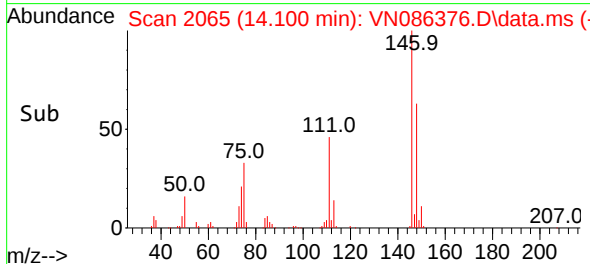
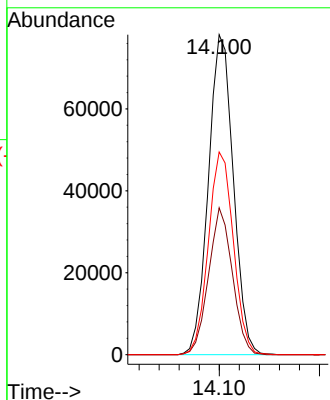
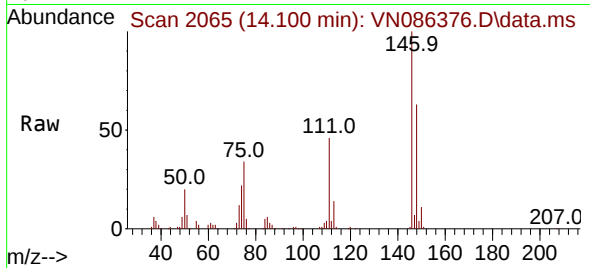
#87
1,2-Dichlorobenzene
Concen: 73.143 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 135070
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.3
148 63.5 32.0 96.0

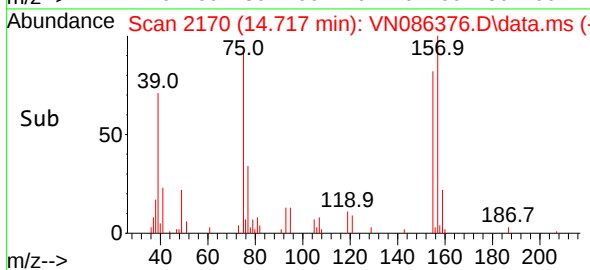
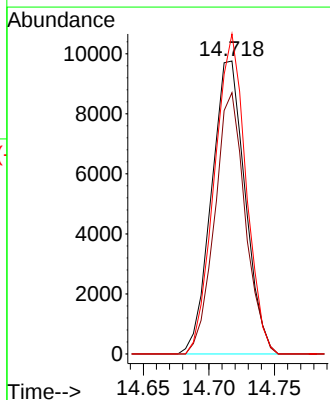
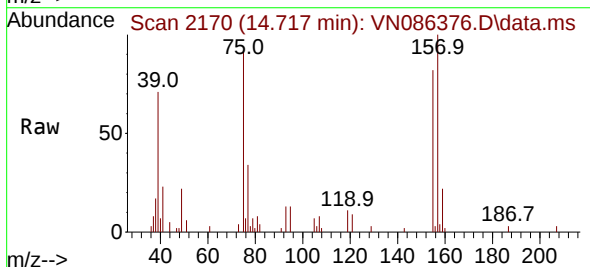
Manual Integrations
APPROVED

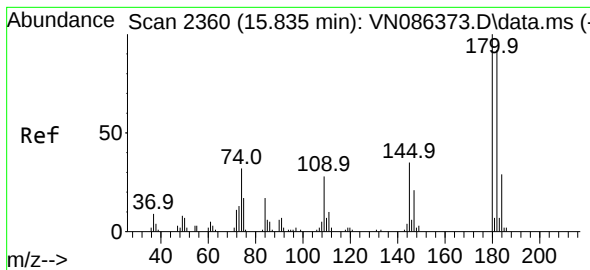
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 72.824 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Tgt Ion: 75 Resp: 17406
Ion Ratio Lower Upper
75 100
155 81.0 64.0 96.0
157 102.1 78.2 117.4





#89

1,2,4-Trichlorobenzene

Concen: 74.983 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

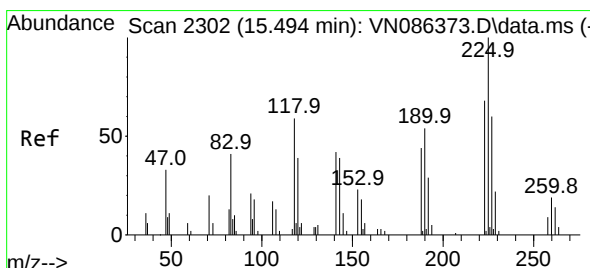
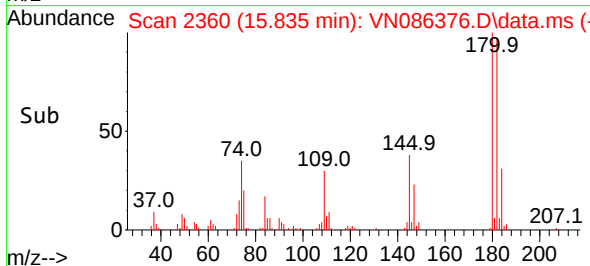
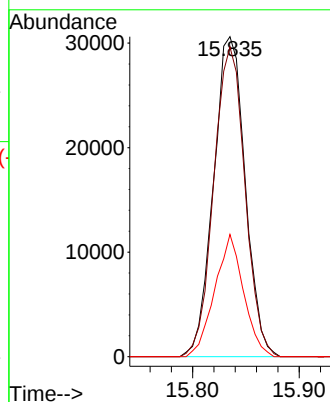
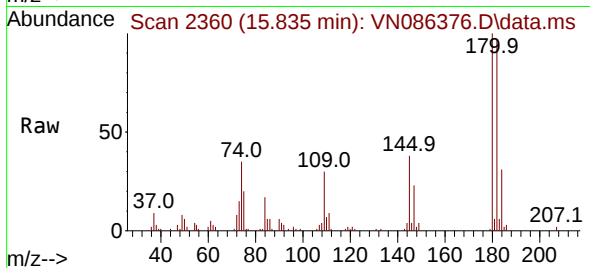
Tgt Ion:180	Resp:	6311
Ion Ratio	Lower	Upper
180	100	
182	95.6	74.8 112.2
145	34.8	26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#90

Hexachlorobutadiene

Concen: 74.358 ug/l

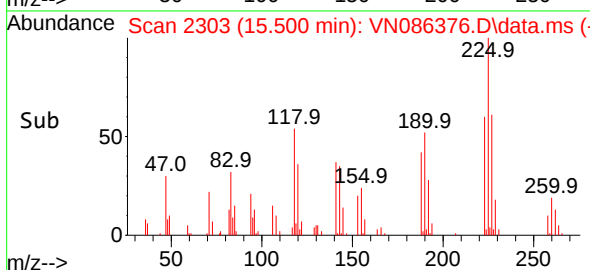
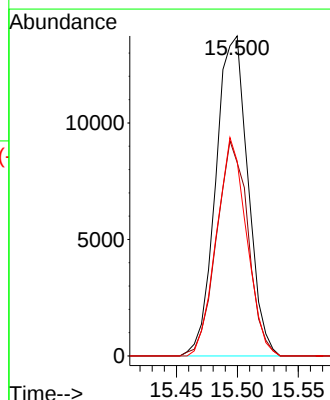
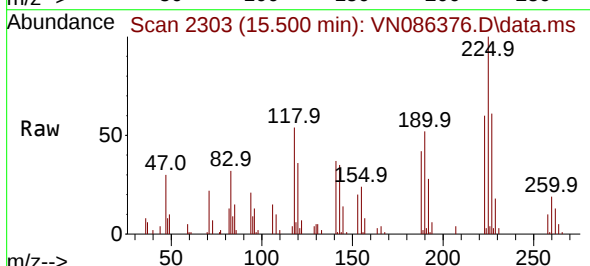
RT: 15.500 min Scan# 2303

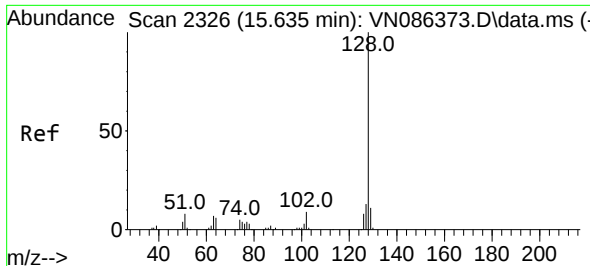
Delta R.T. 0.006 min

Lab File: VN086376.D

Acq: 23 Apr 2025 10:57

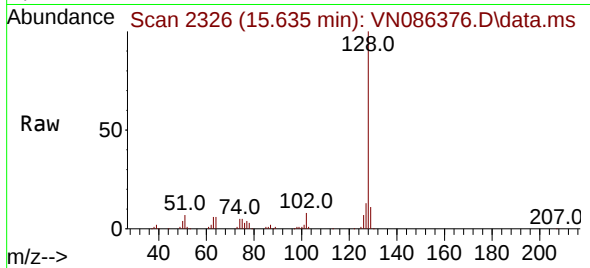
Tgt Ion:225	Resp:	25210
Ion Ratio	Lower	Upper
225	100	
223	65.9	0.0 128.8
227	64.2	0.0 120.2





#91
Naphthalene
Concen: 75.762 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

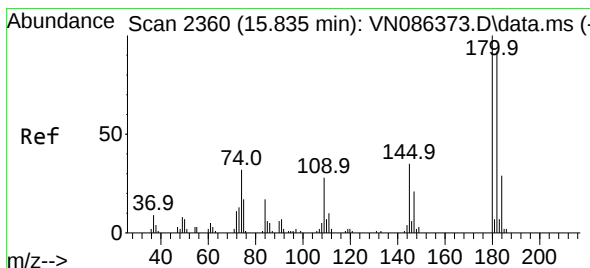
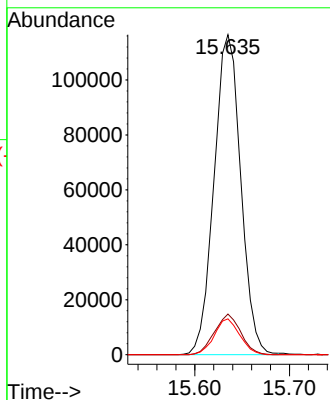
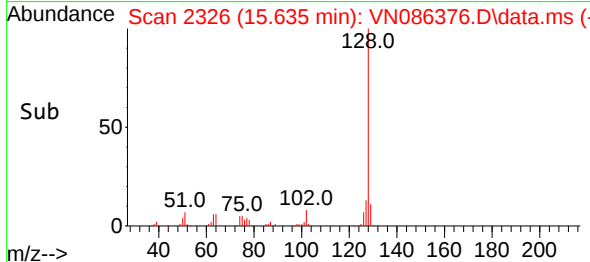
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 228290
Ion Ratio Lower Upper
128 100
127 12.4 10.6 15.8
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 74.983 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086376.D
Acq: 23 Apr 2025 10:57

Tgt Ion:180 Resp: 63112
Ion Ratio Lower Upper
180 100
182 95.6 0.0 187.0
145 34.8 0.0 67.2

