

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040425\
 Data File : VN086226.D
 Acq On : 04 Apr 2025 12:02
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Apr 04 23:44:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 04 23:41:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/07/2025
 Supervised By : Mahesh Dadoda 04/07/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	21086	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	115744	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	109674	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	61937	29.268	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.567%		
60) 4-Bromofluorobenzene	12.847	95	64126	31.381	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	104.600%		
63) Toluene-d8	10.565	98	182717	29.864	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.533%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	94649	66.239	ug/l	98
3) Chloromethane	2.365	50	93866	60.476	ug/l	100
4) Vinyl Chloride	2.518	62	93227	64.494	ug/l	98
5) Bromomethane	2.965	94	46019	61.385	ug/l	97
6) Chloroethane	3.124	64	54480	63.155	ug/l	97
7) Trichlorofluoromethane	3.501	101	121912	63.005	ug/l	92
8) Diethyl Ether	3.953	74	41376	64.157	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	65291	60.666	ug/l	99
10) 1,1-Dichloroethene	4.342	96	66054	62.881	ug/l	87
11) Methyl Iodide	4.595	142	85124	63.176	ug/l	98
12) Methyl Acetate	5.024	43	71301	51.368	ug/l	97
13) Acrolein	4.183	56	56408	372.047	ug/l	99
14) Acrylonitrile	5.718	53	172332	318.494	ug/l	99
15) Acetone	4.424	58	46594	276.033	ug/l	98
16) Carbon Disulfide	4.712	76	199504	59.286	ug/l	97
17) Allyl chloride	5.024	41	91174	62.398	ug/l	91
18) Methylene Chloride	5.277	84	75268	59.759	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	72012	63.478	ug/l	96
20) Diisopropyl ether	6.665	45	201737	65.769	ug/l	98
21) 1,1-Dichloroethane	6.565	63	129326	61.859	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	83863	62.329	ug/l	97
23) tert-Butyl Alcohol	5.512	59	62326	315.445	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	228155	66.491	ug/l	99
25) Chloroform	7.965	83	137321	62.592	ug/l	99
26) Cyclohexane	8.259	56	104278	61.965	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	93300	64.237	ug/l	96
30) 2-Butanone	7.477	43	205834	322.367	ug/l #	93
31) 2,2-Dichloropropane	7.489	77	118996	66.494	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	125330	63.810	ug/l	99
33) Carbon Tetrachloride	8.359	117	108363	64.688	ug/l	98
34) Benzene	8.606	78	303815	62.998	ug/l	98
35) Methacrylonitrile	7.771	41	44806	62.850	ug/l	98
36) 1,2-Dichloroethane	8.665	62	101752	63.527	ug/l #	89
37) Trichloroethene	9.347	130	75272	65.172	ug/l	91
38) Methylcyclohexane	9.600	83	103326	67.801	ug/l	98
39) 1,2-Dichloropropane	9.618	63	70196	62.816	ug/l	94
40) Dibromomethane	9.706	93	51429	62.368	ug/l	96
41) Bromodichloromethane	9.888	83	106381	64.229	ug/l	99
42) Vinyl Acetate	6.600	43	738234	324.442	ug/l	99

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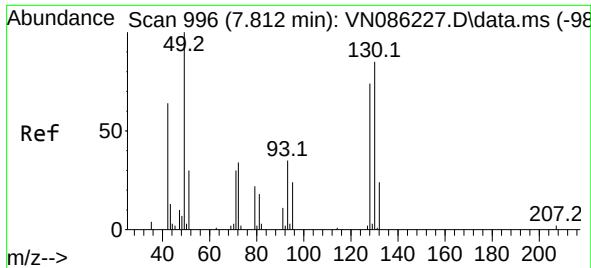
Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 04/07/2025

Quant Time: Apr 04 23:44:41 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	84209	64.143	ug/l	# 85
44) Isopropyl Acetate	8.683	43	142523	60.144	ug/l	100
45) 1,4-Dioxane	9.688	88	30151	1387.968	ug/l	95
46) Methyl methacrylate	9.677	41	63532	65.457	ug/l	94
47) n-amyl Acetate	12.488	43	117419	72.521	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	112015	65.631	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	119000	64.531	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	70797	65.669	ug/l	97
51) Ethyl methacrylate	10.871	69	108134	70.652	ug/l	98
52) 1,3-Dichloropropane	11.159	76	121706	64.797	ug/l	98
53) Dibromochloromethane	11.359	129	80653	64.254	ug/l	96
54) 1,2-Dibromoethane	11.465	107	70791	63.998	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	145906	207.902	ug/l	99
56) Bromoform	12.576	173	55722	65.618	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	427258	330.096	ug/l	99
59) 2-Hexanone	11.194	43	315536	339.627	ug/l	99
61) Tetrachloroethene	11.100	164	81537	63.701	ug/l	91
62) Toluene	10.629	91	318884	63.692	ug/l	99
64) Chlorobenzene	11.888	112	198687	63.604	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.959	131	72387	62.971	ug/l	99
66) Ethyl Benzene	11.959	91	337065	64.879	ug/l	99
67) m/p-Xylenes	12.071	106	272961	133.090	ug/l	97
68) o-Xylene	12.394	106	131636	66.492	ug/l	99
69) Styrene	12.406	104	222765	70.563	ug/l	100
70) Isopropylbenzene	12.694	105	324019	65.581	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	86961	60.680	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	81077m	58.596	ug/l	
73) Bromobenzene	12.976	156	83339	65.461	ug/l	98
74) n-propylbenzene	13.029	91	385970	68.240	ug/l	99
75) 2-Chlorotoluene	13.123	91	246159	65.352	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	281336	67.539	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	36551	66.229	ug/l	100
78) 4-Chlorotoluene	13.218	91	248843	66.617	ug/l	100
79) tert-butylbenzene	13.435	119	240440	70.047	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	286026	68.433	ug/l	98
81) sec-Butylbenzene	13.612	105	334779	71.210	ug/l	99
82) p-Isopropyltoluene	13.729	119	284018	73.839	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	152114	65.781	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	149564	66.266	ug/l	99
85) n-Butylbenzene	14.053	91	238964	76.943	ug/l	99
86) Hexachloroethane	14.329	117	46451	68.149	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	149791	66.135	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.712	75	20501	67.235	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	74584	67.687	ug/l	98
90) Hexachlorobutadiene	15.494	225	42882	70.994	ug/l	98
91) Naphthalene	15.635	128	238787	66.865	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	74584	67.687	ug/l	98

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



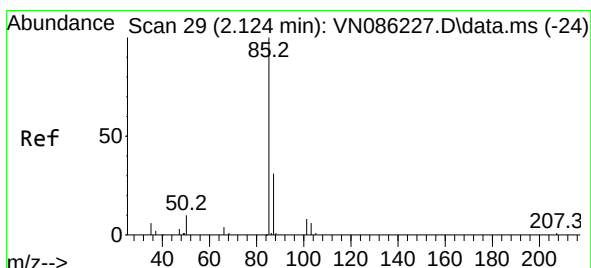
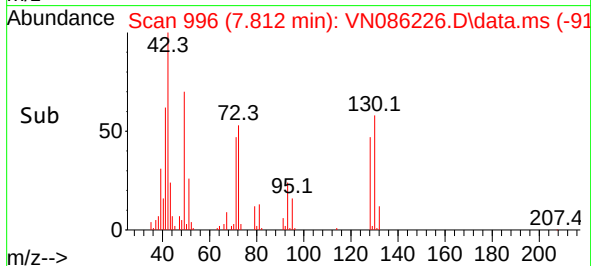
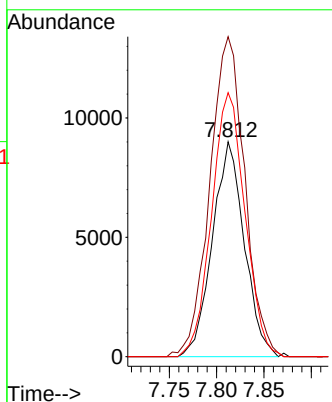
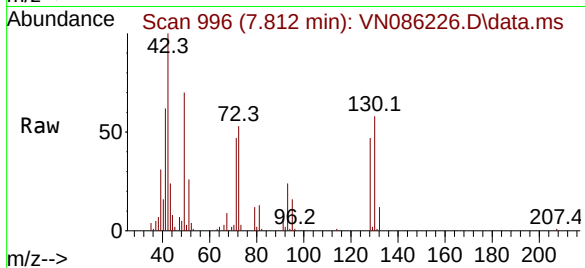
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 21086
Ion Ratio Lower Upper
128 100
49 163.0 0.0 384.5
130 128.8 0.0 324.3

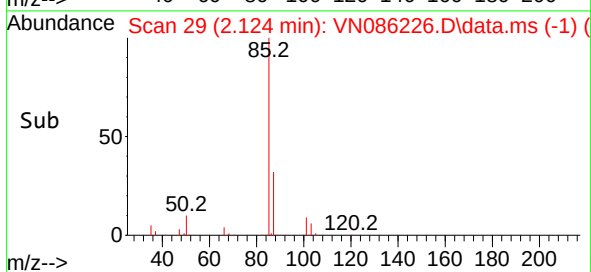
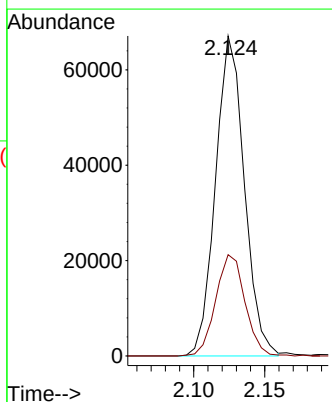
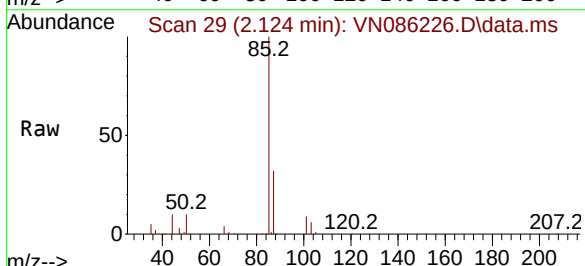
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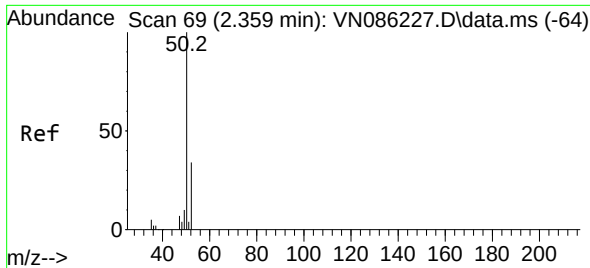
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#2
Dichlorodifluoromethane
Concen: 66.239 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

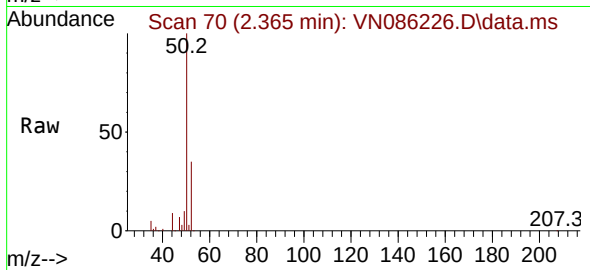
Tgt Ion: 85 Resp: 94649
Ion Ratio Lower Upper
85 100
87 31.7 15.4 46.2





#3
Chloromethane
Concen: 60.476 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

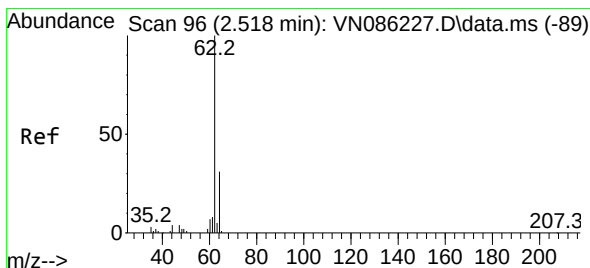
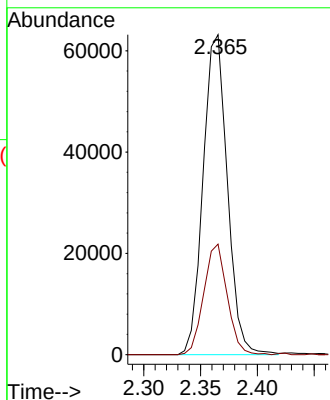
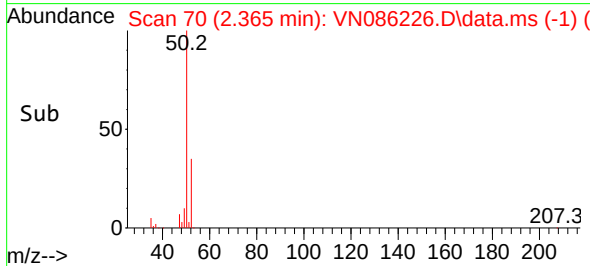
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



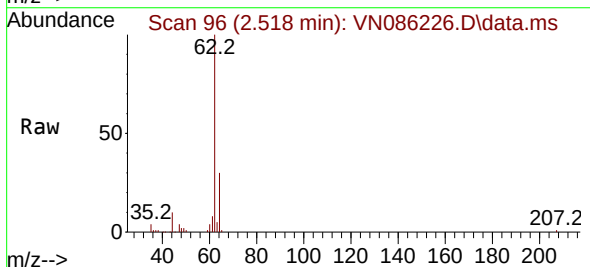
Tgt Ion: 50 Resp: 9386
Ion Ratio Lower Upper
50 100
52 34.6 27.5 41.3

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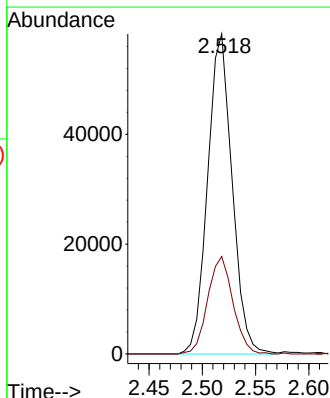
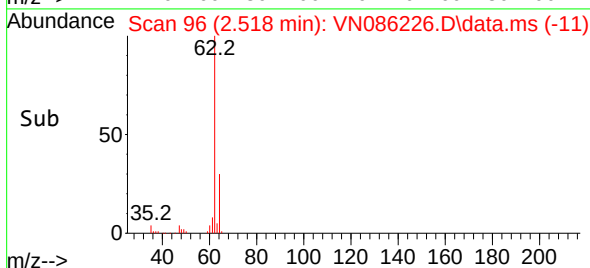
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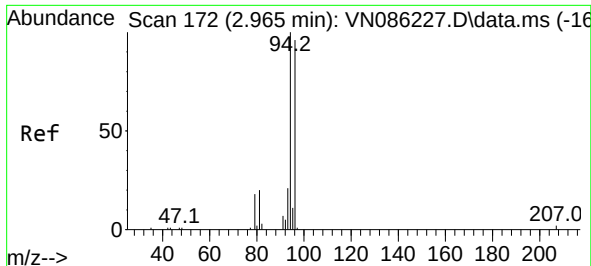


#4
Vinyl Chloride
Concen: 64.494 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



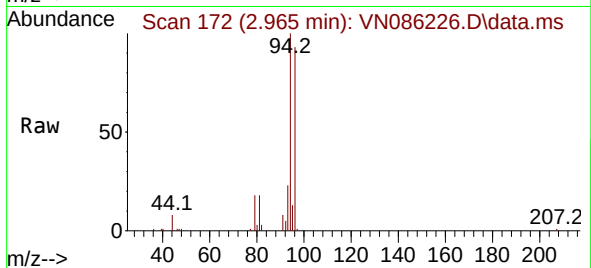
Tgt Ion: 62 Resp: 93227
Ion Ratio Lower Upper
62 100
64 30.5 25.1 37.7





#5
Bromomethane
Concen: 61.385 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

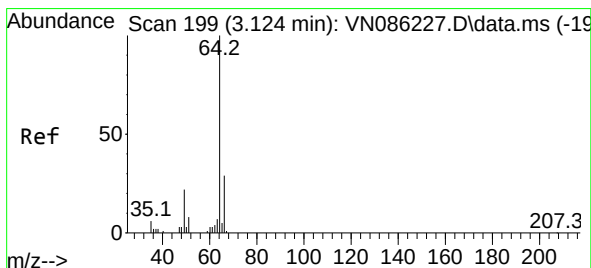
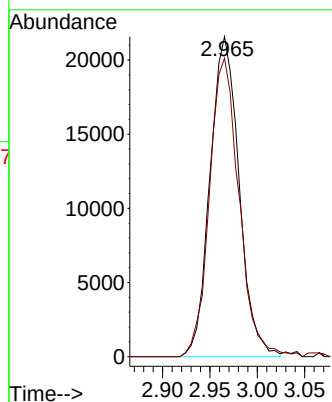
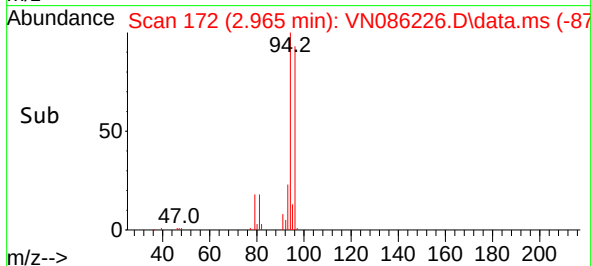
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



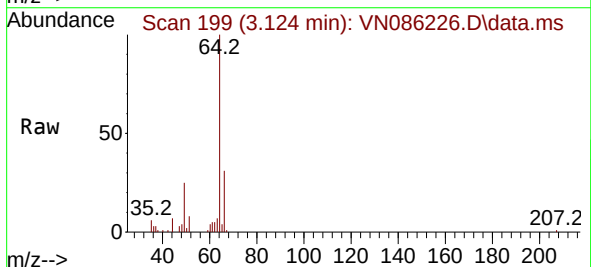
Tgt Ion: 94 Resp: 46019
Ion Ratio Lower Upper
94 100
96 93.3 77.0 115.4

Manual Integrations
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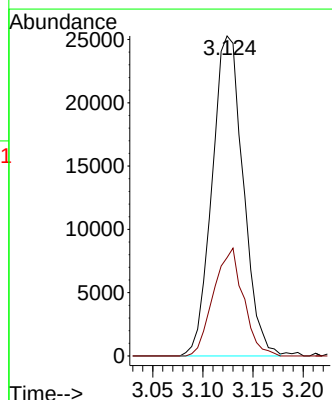
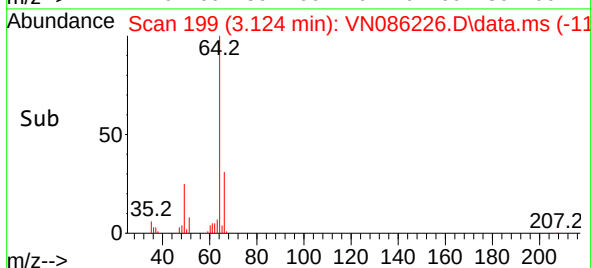
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

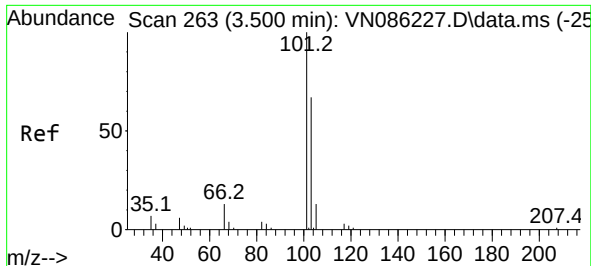


#6
Chloroethane
Concen: 63.155 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



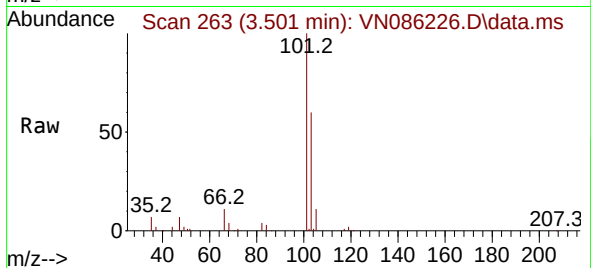
Tgt Ion: 64 Resp: 54480
Ion Ratio Lower Upper
64 100
66 30.7 23.4 35.0





#7
Trichlorofluoromethane
Concen: 63.005 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

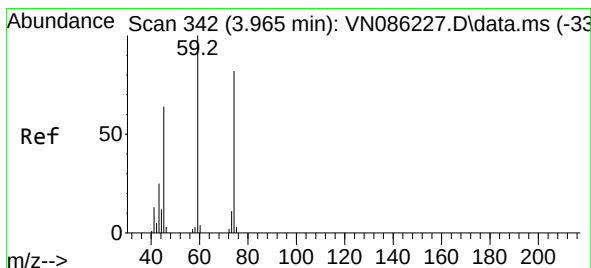
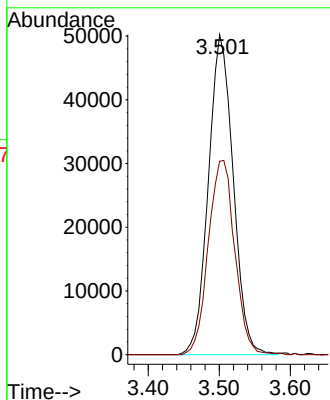
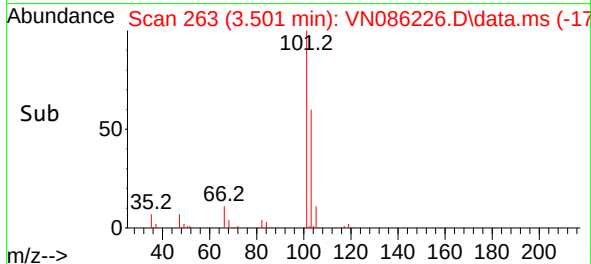
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:101 Resp: 12191
Ion Ratio Lower Upper
101 100
103 60.5 53.4 80.2

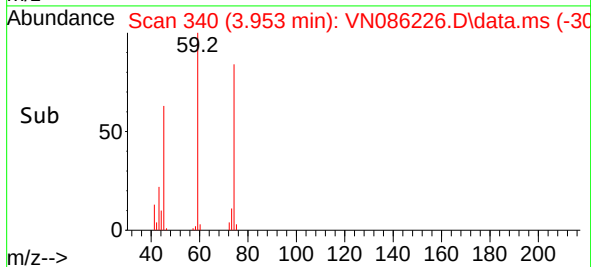
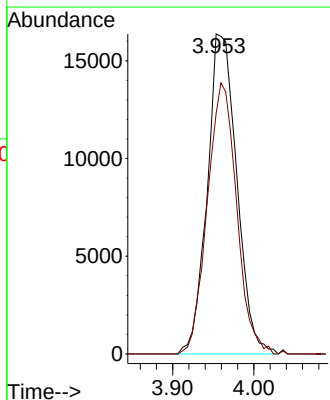
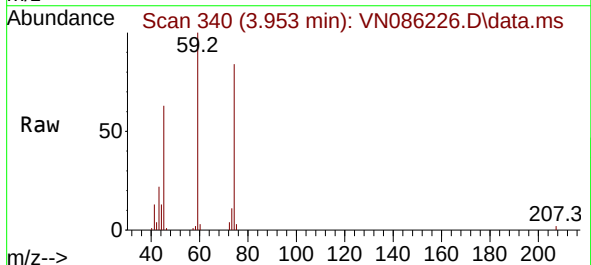
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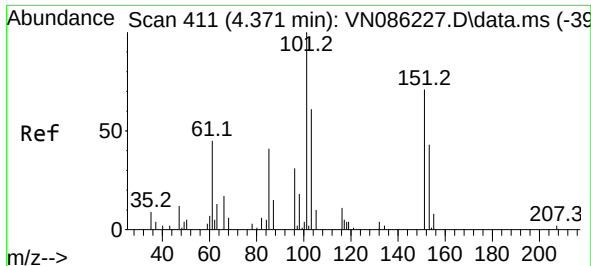
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#8
Diethyl Ether
Concen: 64.157 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.012 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 74 Resp: 41376
Ion Ratio Lower Upper
74 100
45 84.1 16.5 148.5





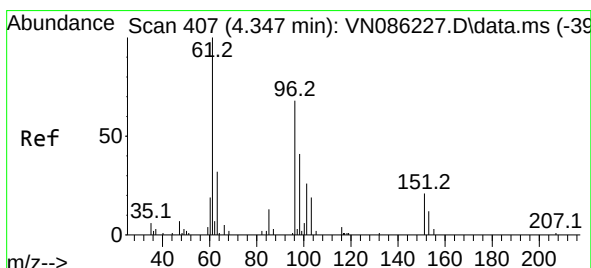
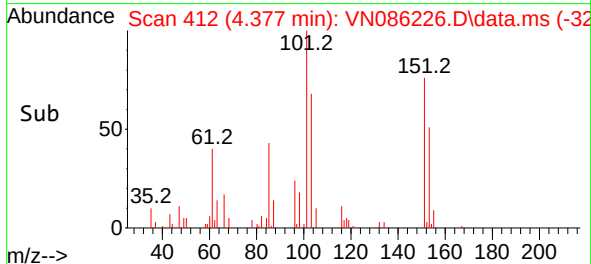
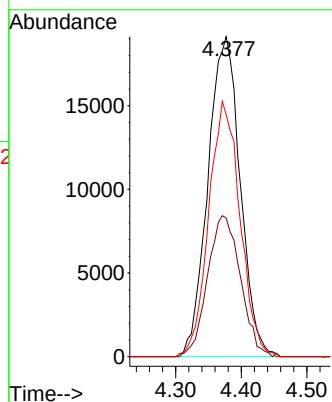
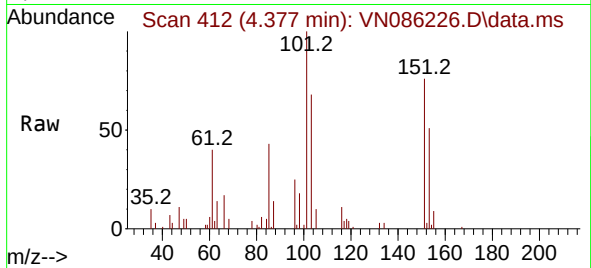
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1,1,2-Trichlorotrifluoroethane
Concen: 60.666 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 6529
Ion Ratio Lower Upper
101 100
85 44.9 0.0 89.2
151 77.4 0.0 152.2

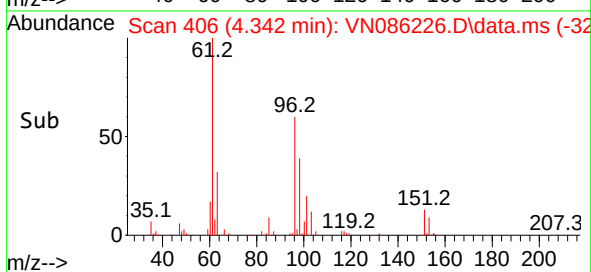
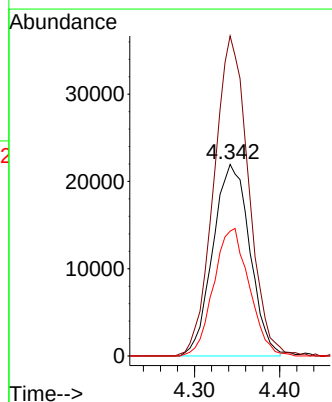
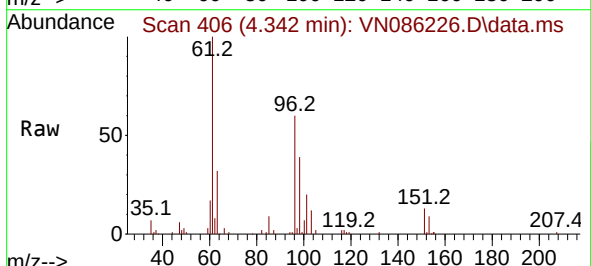
Manual Integrations
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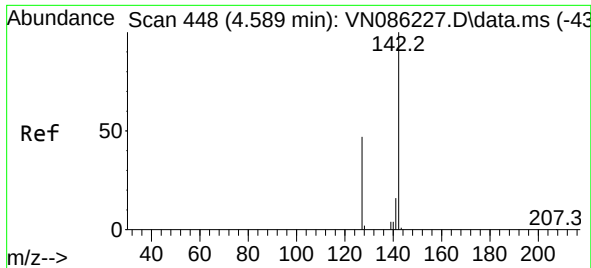
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#10
1,1-Dichloroethene
Concen: 62.881 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 96 Resp: 66054
Ion Ratio Lower Upper
96 100
61 165.9 117.0 175.6
98 65.1 47.8 71.8





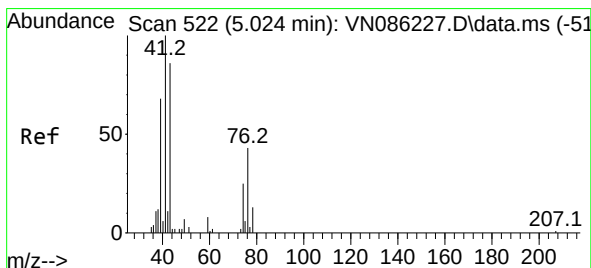
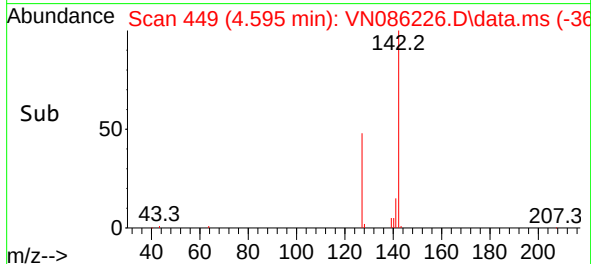
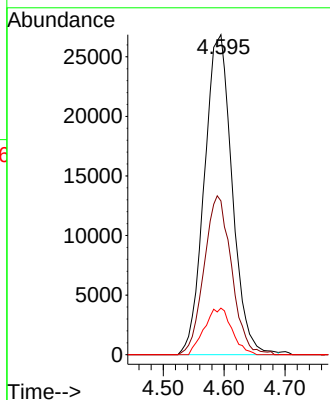
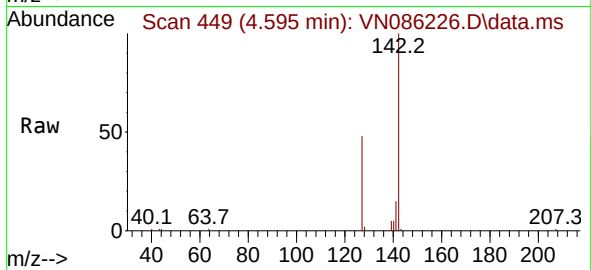
#11
Methyl Iodide
Concen: 63.176 ug/l
RT: 4.595 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:142 Resp: 85124
Ion Ratio Lower Upper
142 100
127 48.2 23.6 71.0
141 14.6 8.0 24.0

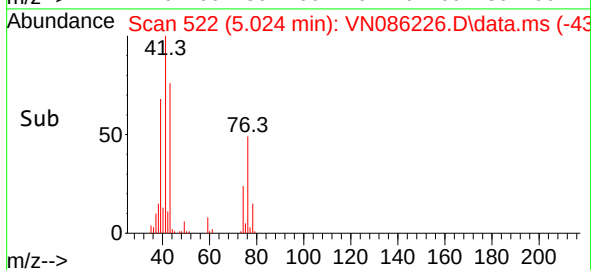
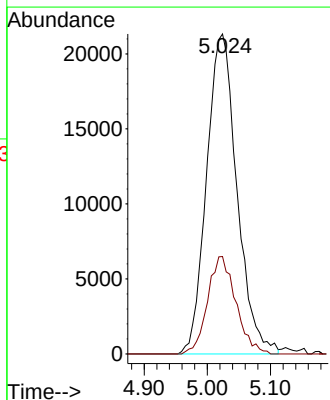
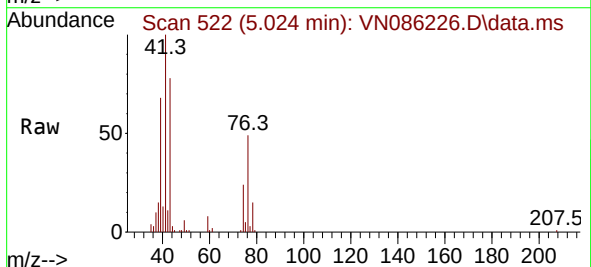
Manual Integrations
APPROVED

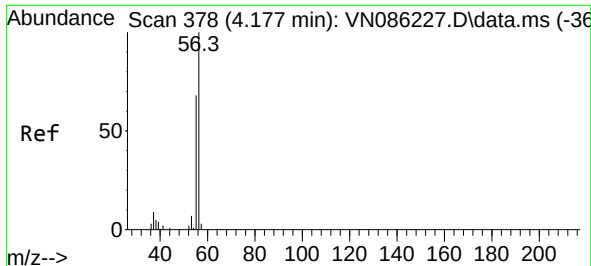
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#12
Methyl Acetate
Concen: 51.368 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 43 Resp: 71301
Ion Ratio Lower Upper
43 100
74 30.7 23.2 34.8





#13

Acrolein

Concen: 372.047 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 56 Resp: 56408

Ion Ratio Lower Upper

56 100

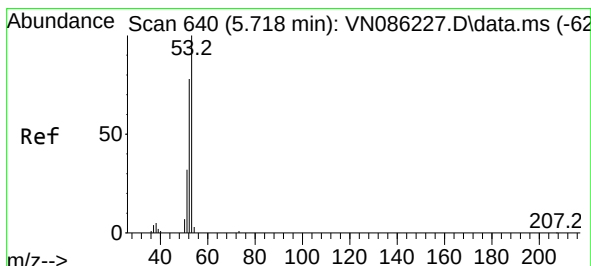
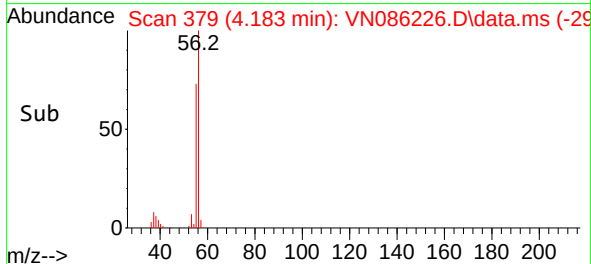
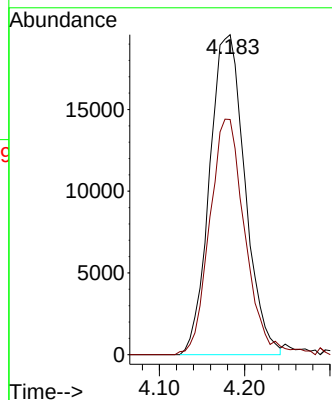
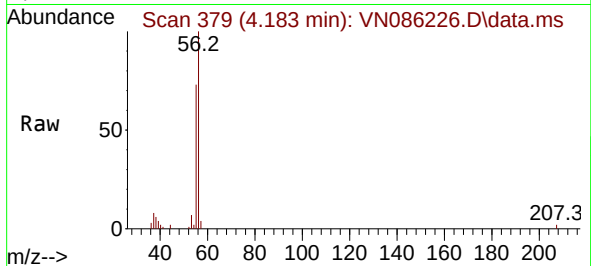
55 71.6 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#14

Acrylonitrile

Concen: 318.494 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

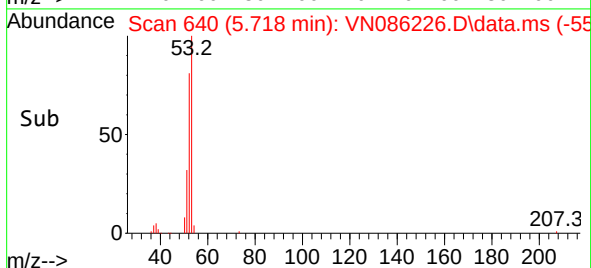
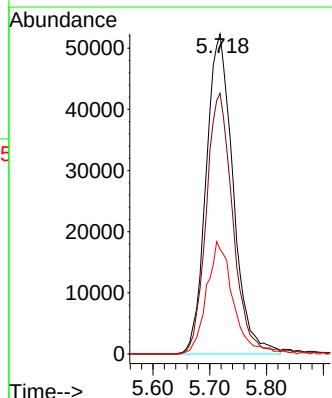
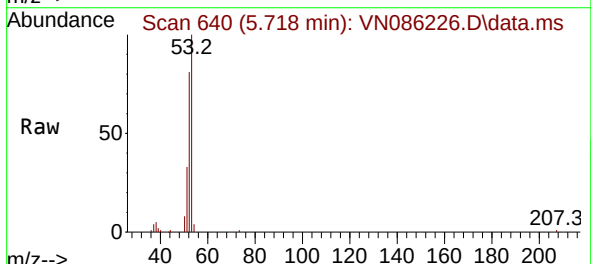
Tgt Ion: 53 Resp: 172332

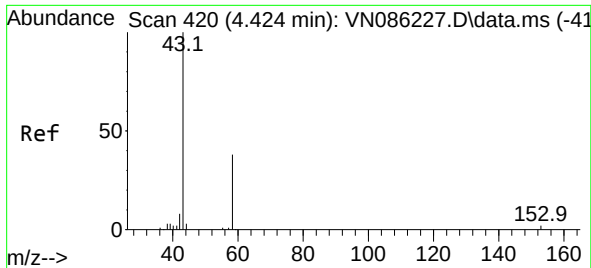
Ion Ratio Lower Upper

53 100

52 79.9 40.6 121.8

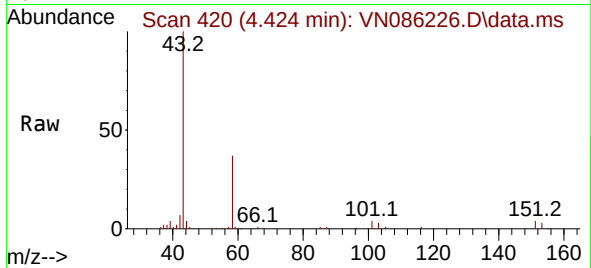
51 33.3 16.9 50.7





#15
Acetone
Concen: 276.033 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

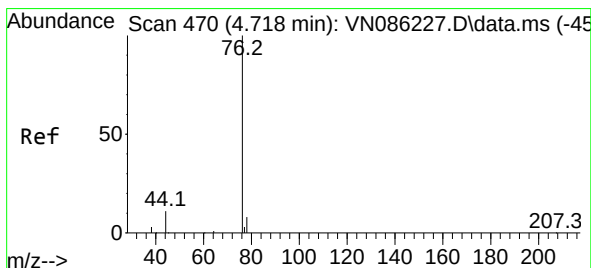
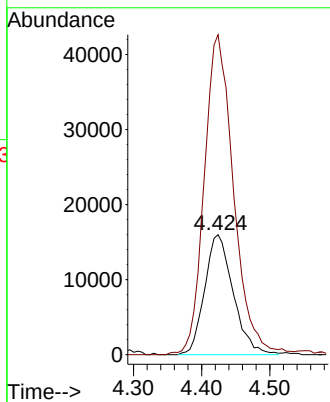
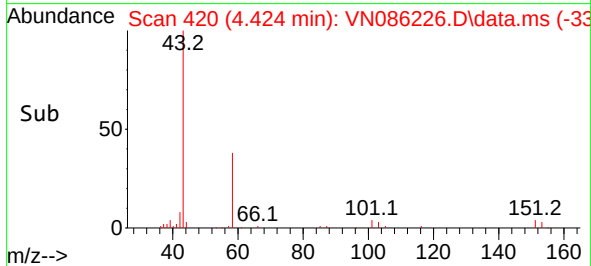
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



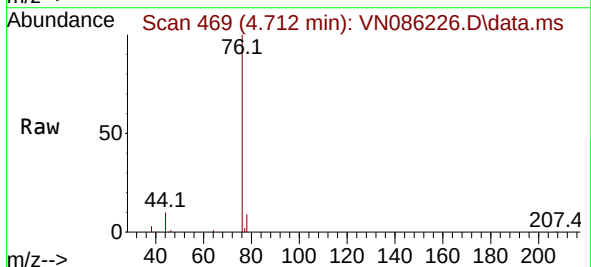
Tgt Ion: 58 Resp: 46594
Ion Ratio Lower Upper
58 100
43 264.8 209.6 314.4

Manual Integrations
APPROVED

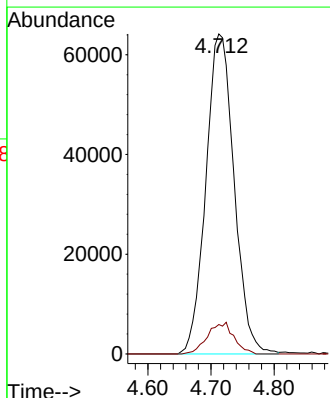
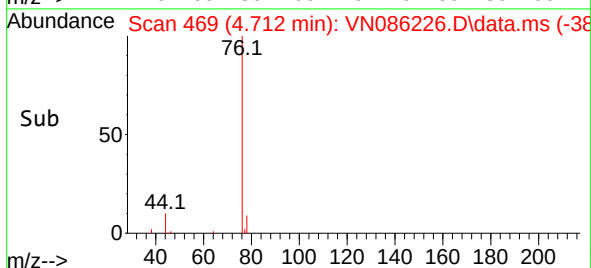
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

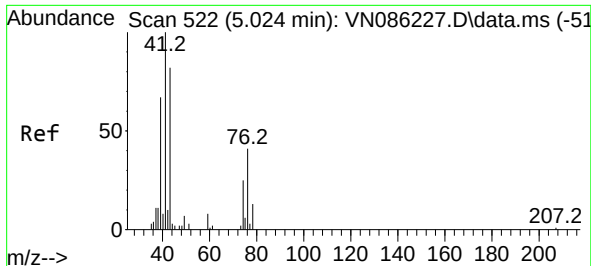


#16
Carbon Disulfide
Concen: 59.286 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



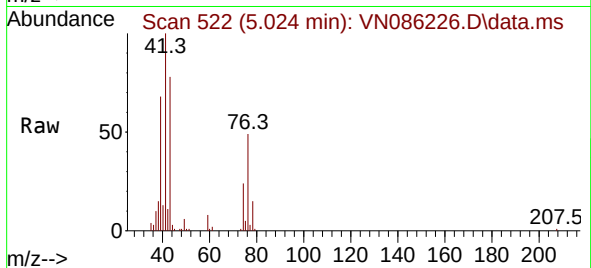
Tgt Ion: 76 Resp: 199504
Ion Ratio Lower Upper
76 100
78 9.2 6.6 9.8





#17
Allyl chloride
Concen: 62.398 ug/l
RT: 5.024 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

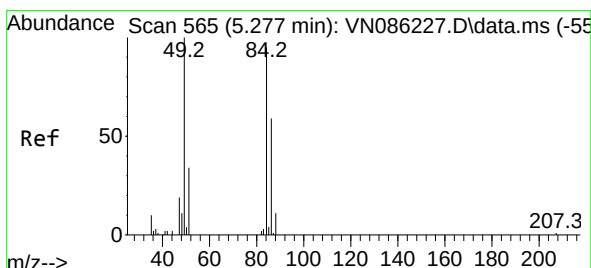
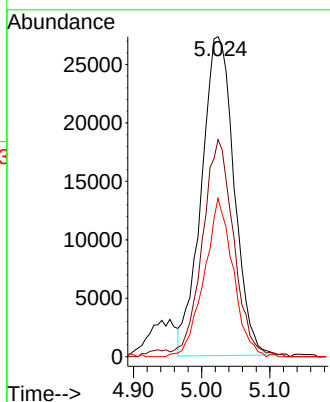
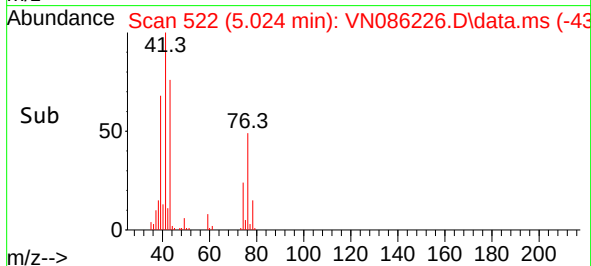
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



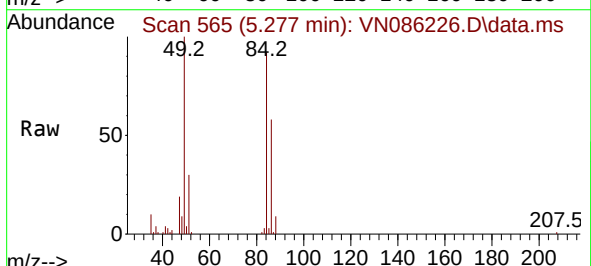
Tgt Ion: 41 Resp: 91174
Ion Ratio Lower Upper
41 100
39 67.7 32.1 96.5
76 49.8 19.6 58.7

Manual Integrations
APPROVED

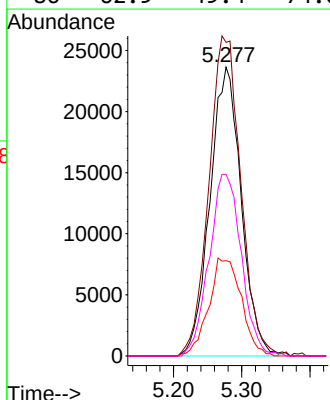
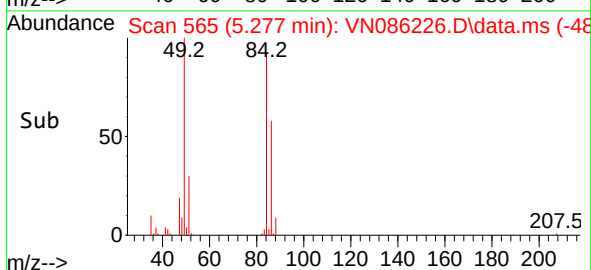
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

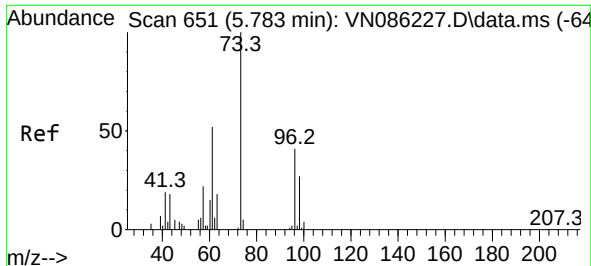


#18
Methylene Chloride
Concen: 59.759 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



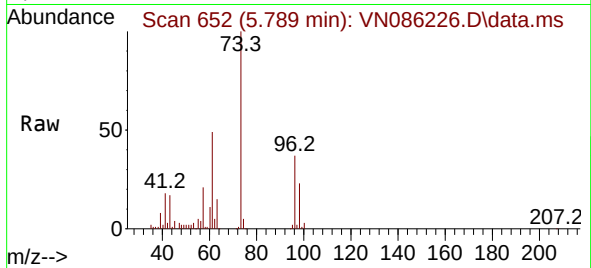
Tgt Ion: 84 Resp: 75268
Ion Ratio Lower Upper
84 100
49 108.6 84.1 126.1
51 33.0 28.9 43.3
86 62.9 49.4 74.0





#19
trans-1,2-Dichloroethene
Concen: 63.478 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

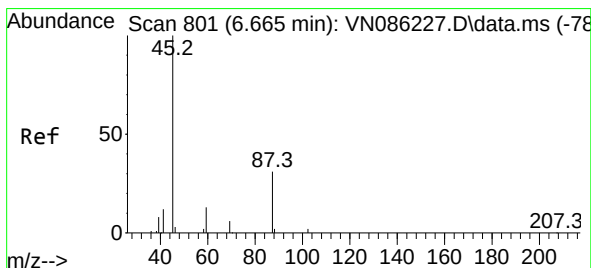
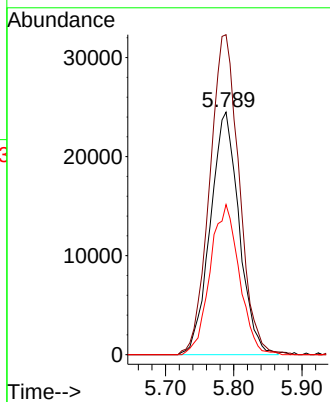
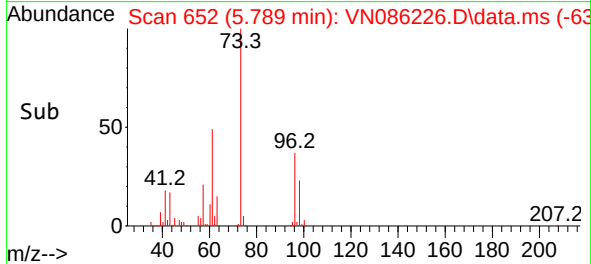
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 96 Resp: 7201
Ion Ratio Lower Upper
96 100
61 131.9 101.9 152.9
98 61.9 52.3 78.5

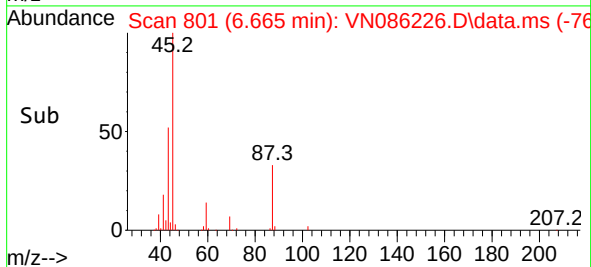
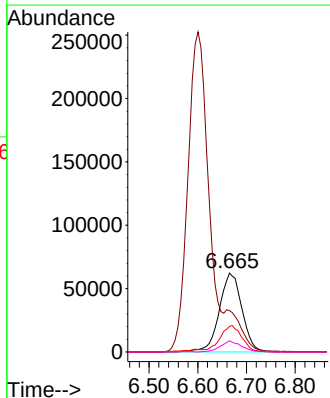
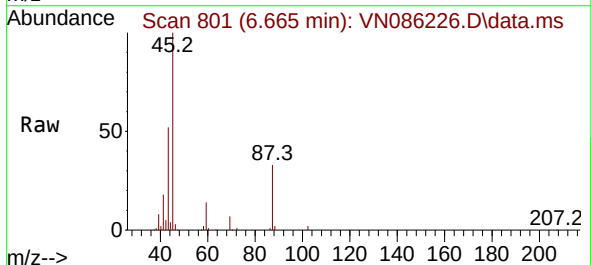
Manual Integrations
APPROVED

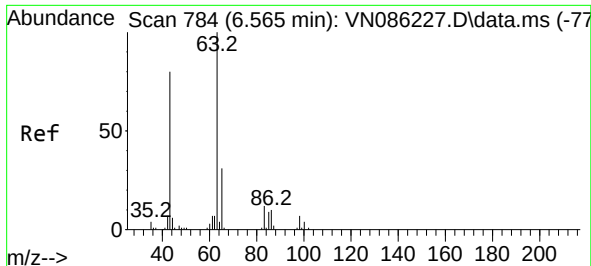
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#20
Diisopropyl ether
Concen: 65.769 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 45 Resp: 201737
Ion Ratio Lower Upper
45 100
43 51.5 40.3 60.5
87 32.5 26.5 39.7
59 14.1 10.2 15.4





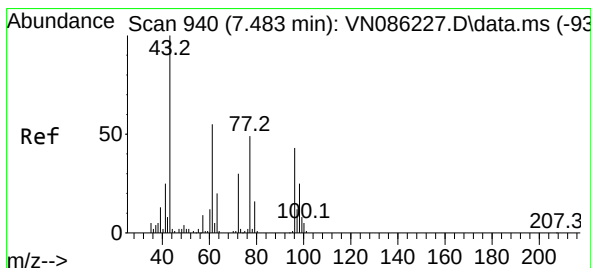
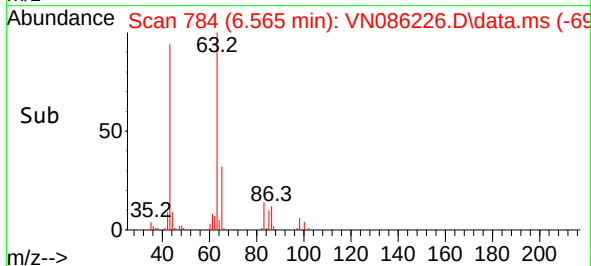
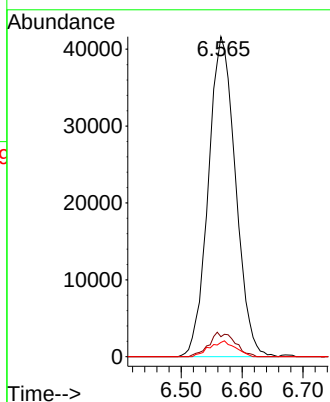
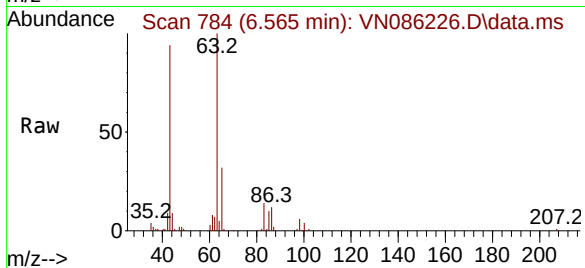
#21
1,1-Dichloroethane
Concen: 61.859 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 129320
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.9
100 4.5 2.1 6.2

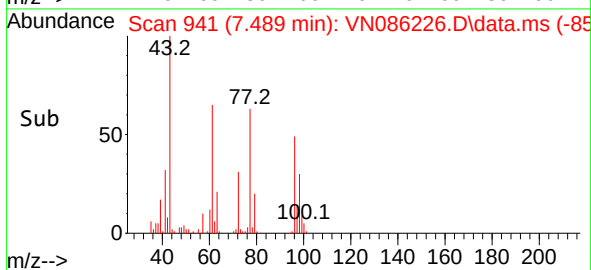
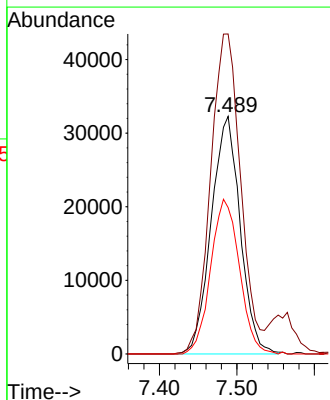
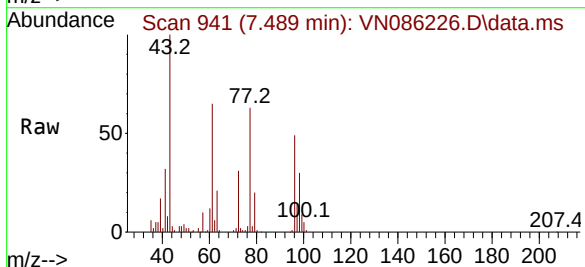
Manual Integrations
APPROVED

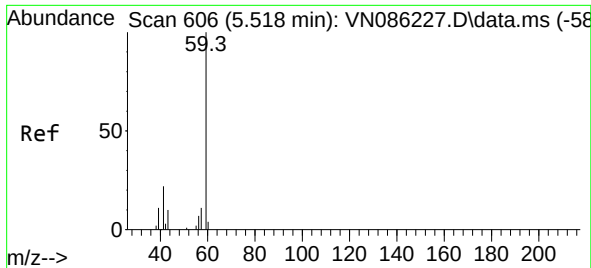
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#22
cis-1,2-Dichloroethene
Concen: 62.329 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

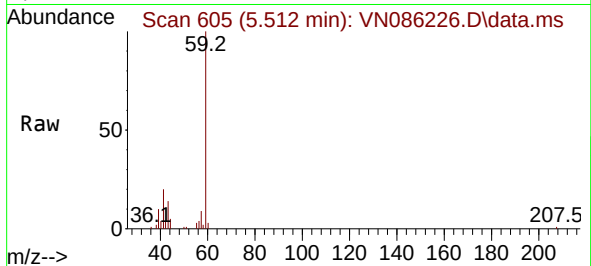
Tgt Ion: 96 Resp: 83863
Ion Ratio Lower Upper
96 100
61 140.3 109.7 164.5
98 64.7 49.7 74.5





#23
tert-Butyl Alcohol
Concen: 315.445 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

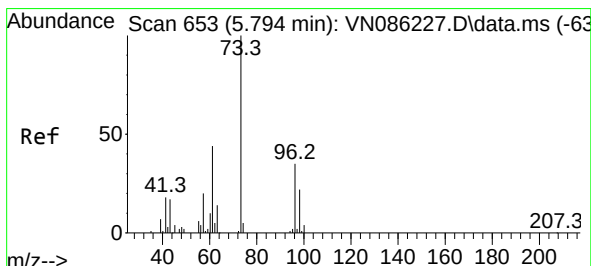
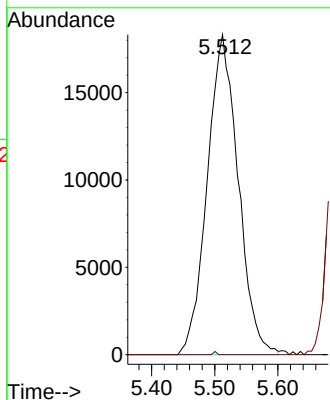
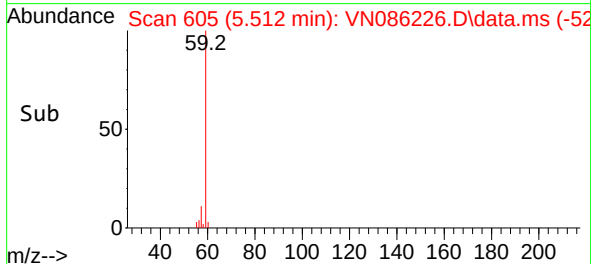
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



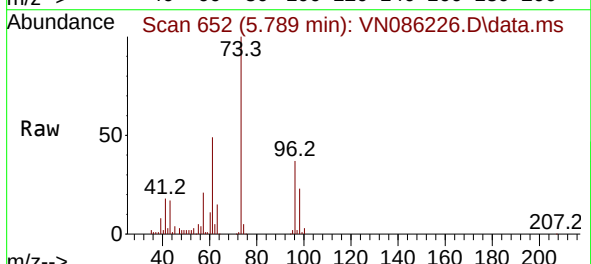
Tgt Ion: 59 Resp: 62320
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

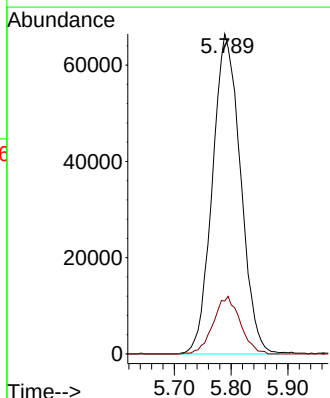
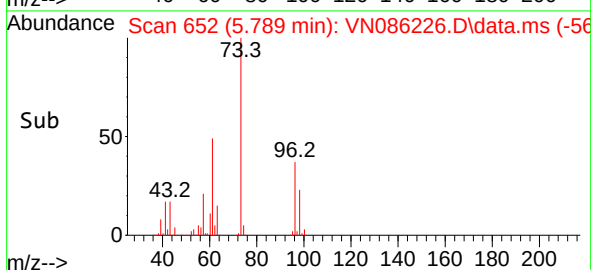
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

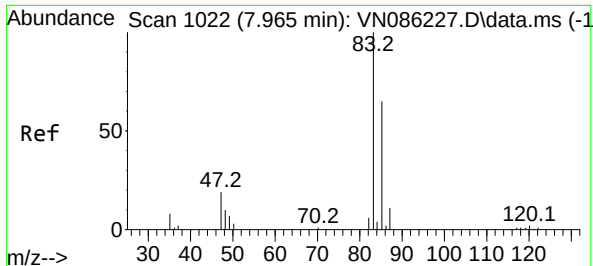


#24
Methyl tert-Butyl Ether
Concen: 66.491 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



Tgt Ion: 73 Resp: 228155
Ion Ratio Lower Upper
73 100
43 16.8 13.9 20.9





#25

Chloroform

Concen: 62.592 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 83 Resp: 13732

Ion Ratio Lower Upper

83 100

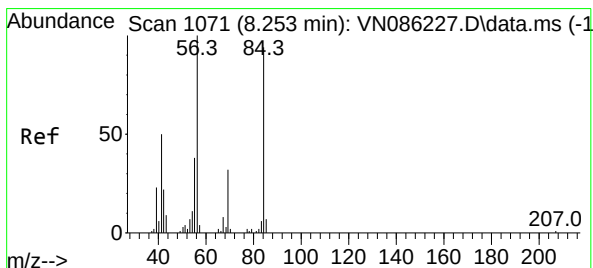
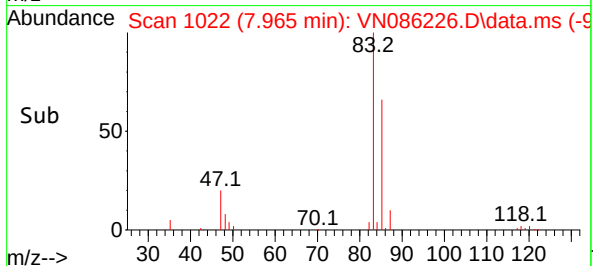
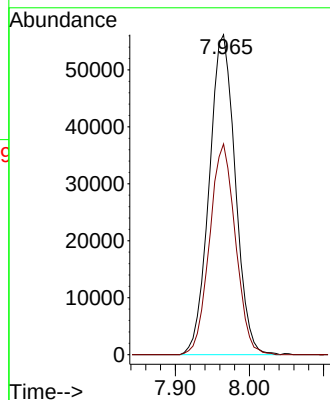
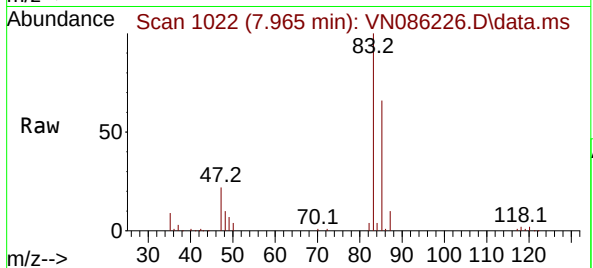
85 65.8 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#26

Cyclohexane

Concen: 61.965 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

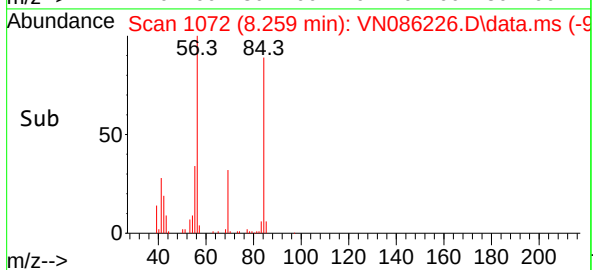
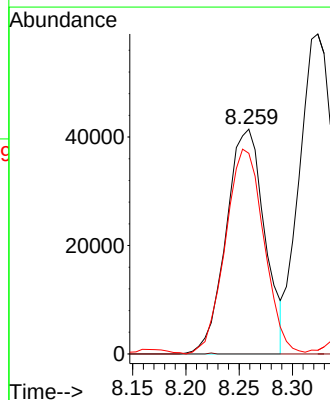
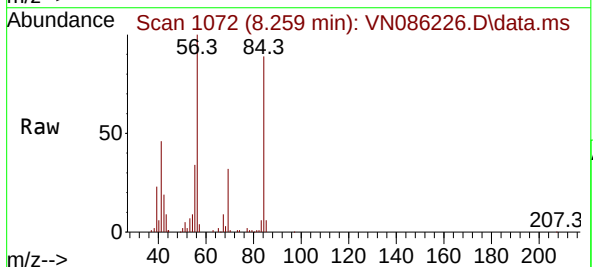
Tgt Ion: 56 Resp: 104278

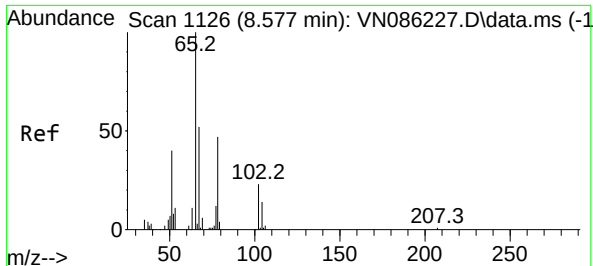
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.3 74.3 111.5





#27

1,2-Dichloroethane-d4

Concen: 29.268 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 65 Resp: 6193

Ion Ratio Lower Upper

65 100

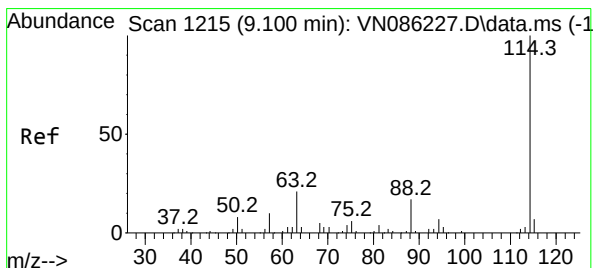
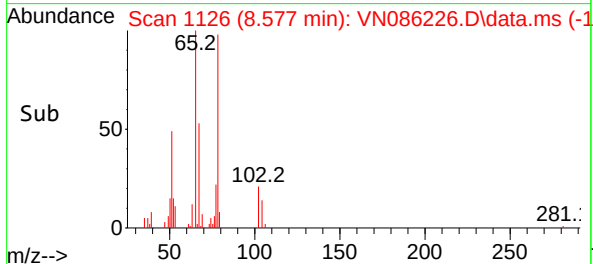
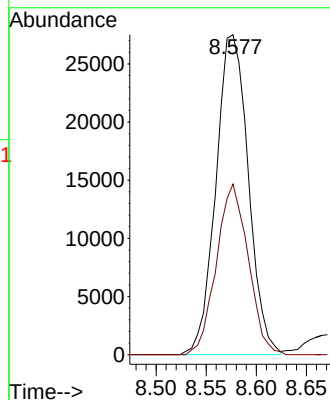
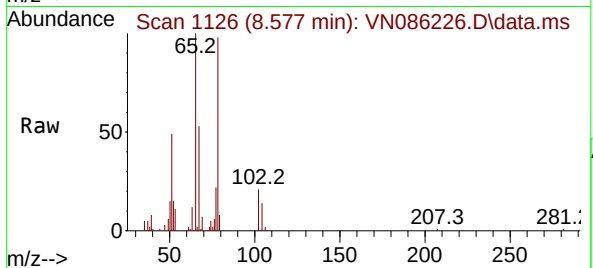
67 52.2 42.1 63.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

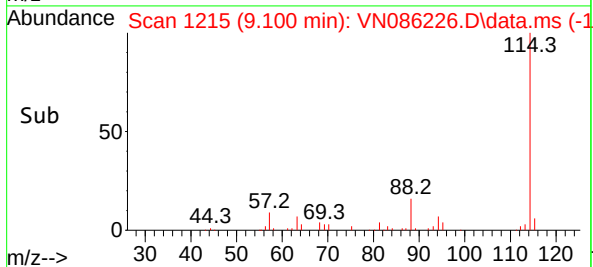
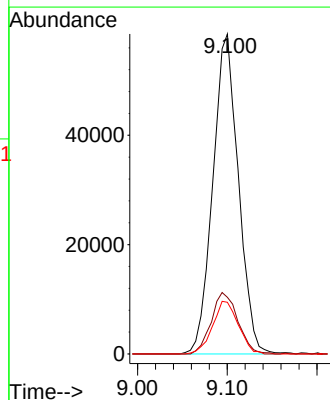
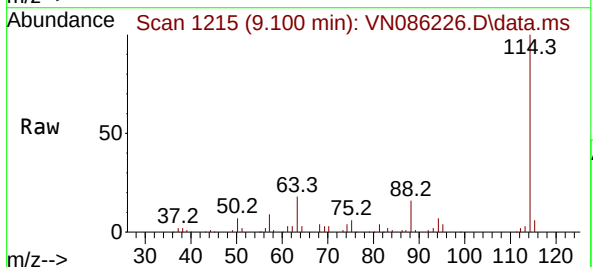
Tgt Ion:114 Resp: 115744

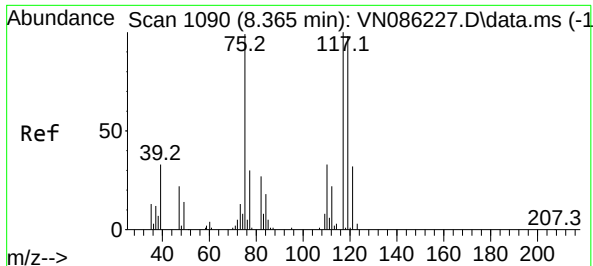
Ion Ratio Lower Upper

114 100

63 19.9 16.4 24.6

88 16.6 13.4 20.2





#29

1,1-Dichloropropene

Concen: 64.237 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

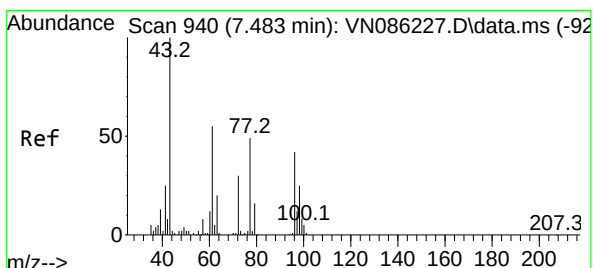
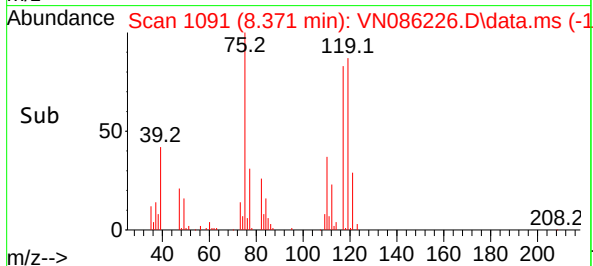
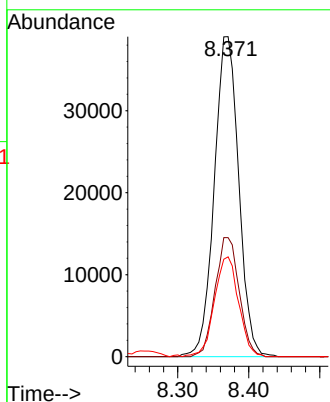
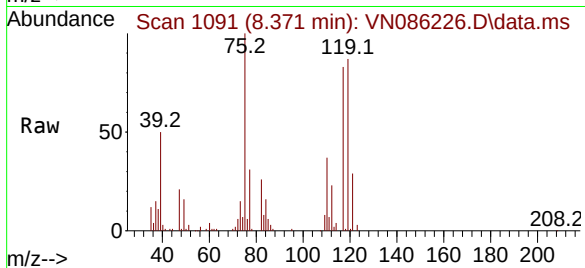
Tgt Ion: 75	Resp: 93300
Ion Ratio	Lower Upper
75	100
110	36.5 0.0 66.8
77	30.8 0.0 58.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#30

2-Butanone

Concen: 322.367 ug/l

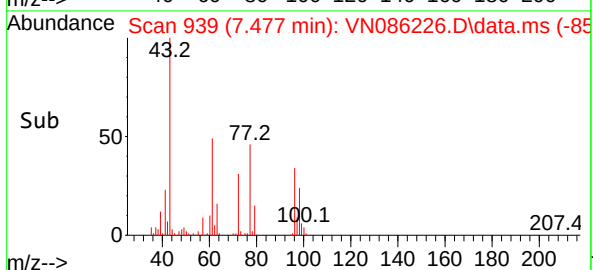
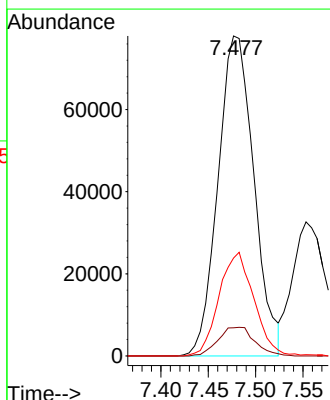
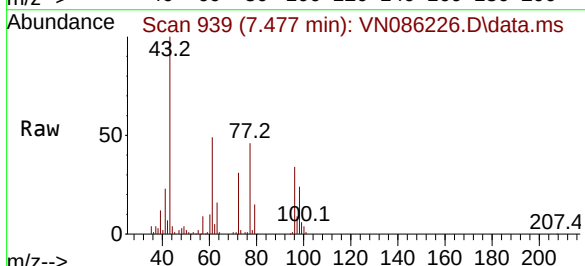
RT: 7.477 min Scan# 939

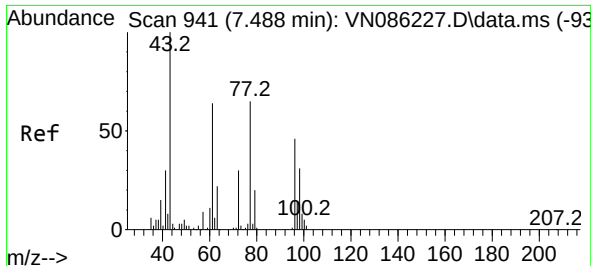
Delta R.T. -0.006 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Tgt Ion: 43	Resp: 205834
Ion Ratio	Lower Upper
43	100
57	0.0 7.3 10.9#
72	31.3 24.3 36.5





#31

2,2-Dichloropropane

Concen: 66.494 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 77 Resp: 118990

Ion Ratio Lower Upper

77 100

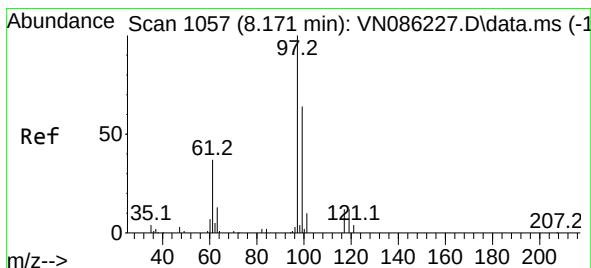
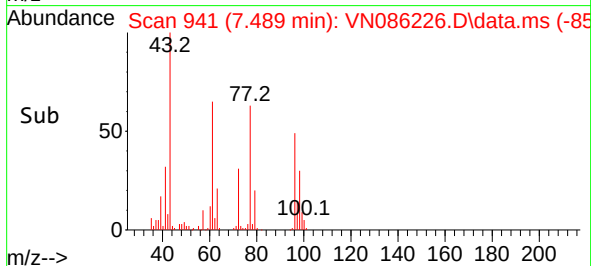
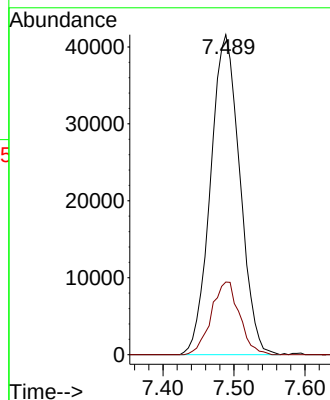
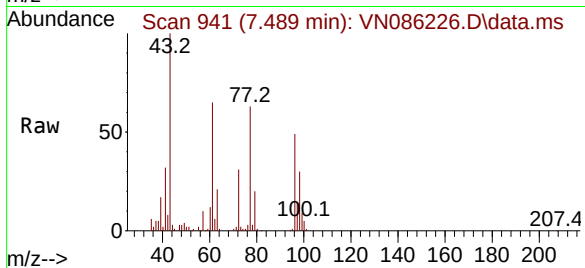
97 21.9 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#32

1,1,1-Trichloroethane

Concen: 63.810 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

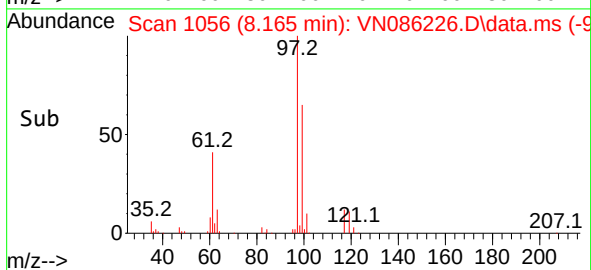
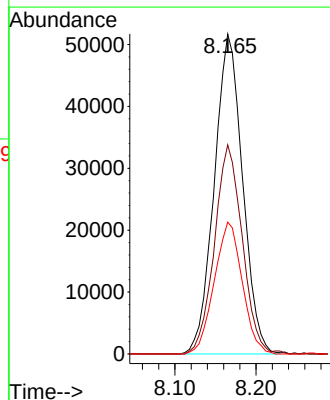
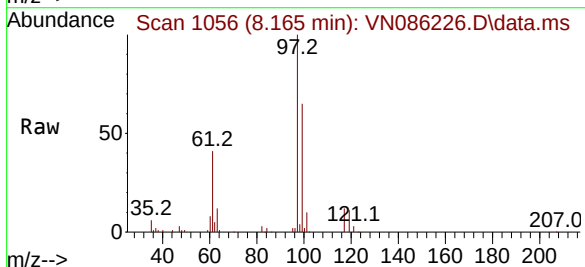
Tgt Ion: 97 Resp: 125330

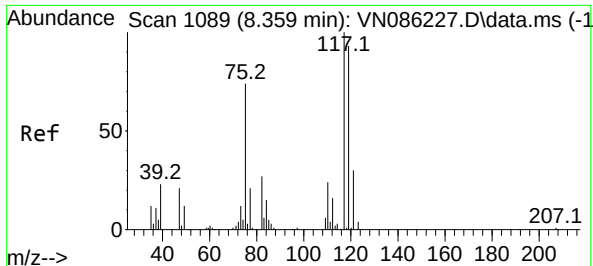
Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.6

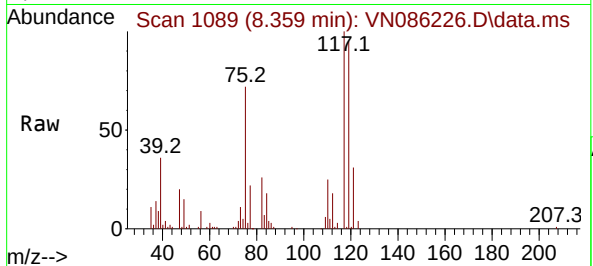
61 40.7 31.7 47.5





#33
Carbon Tetrachloride
Concen: 64.688 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

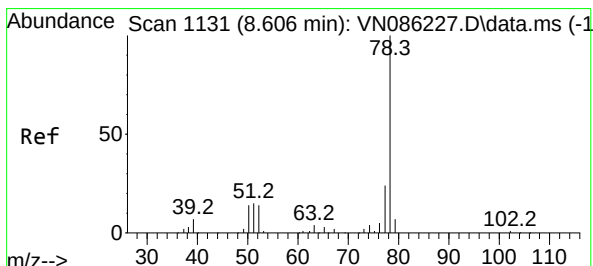
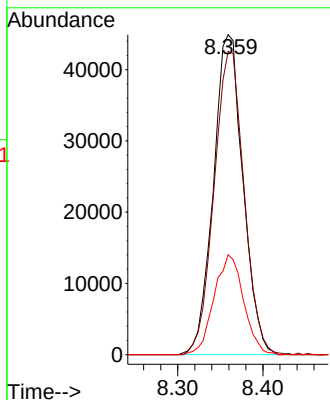
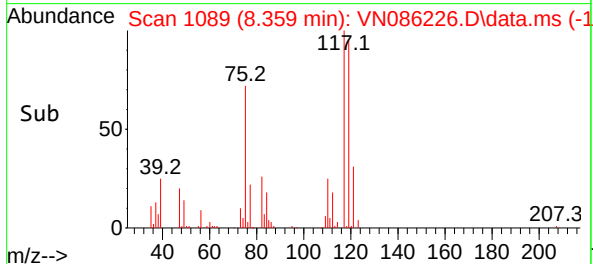
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 117 Resp: 10836
Ion Ratio Lower Upper
117 100
119 94.8 74.6 112.0
121 31.3 23.8 35.8

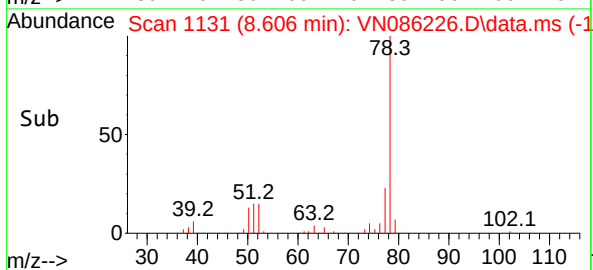
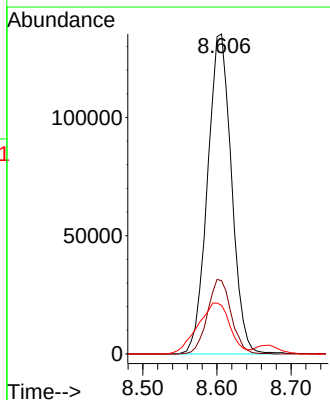
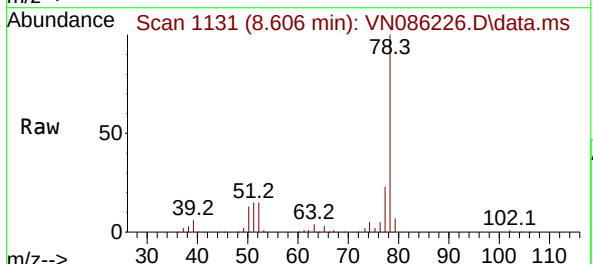
Manual Integrations
APPROVED

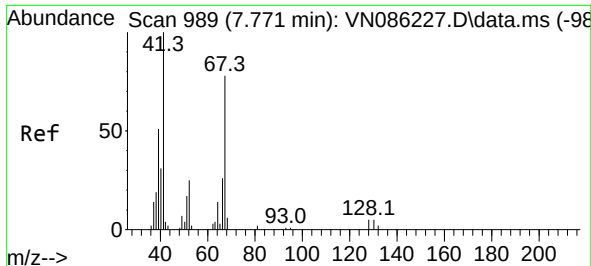
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#34
Benzene
Concen: 62.998 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

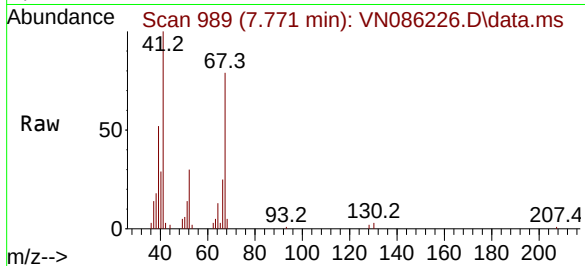
Tgt Ion: 78 Resp: 303815
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2
51 14.1 11.9 17.9





#35
Methacrylonitrile
Concen: 62.850 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

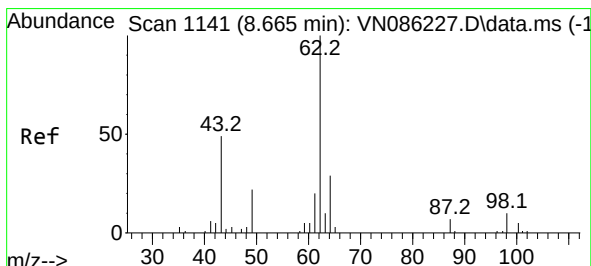
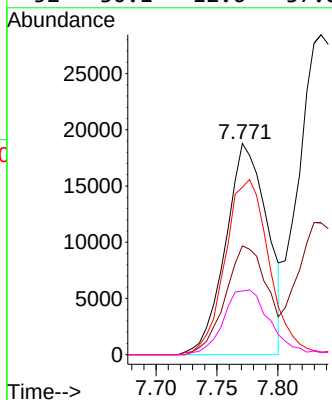
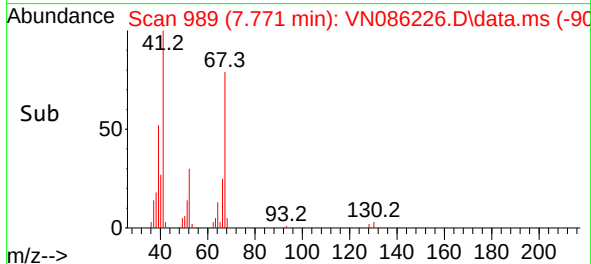
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 41 Resp: 44800
Ion Ratio Lower Upper
41 100
39 51.6 25.7 77.0
67 79.3 39.0 117.0
52 30.1 12.6 37.8

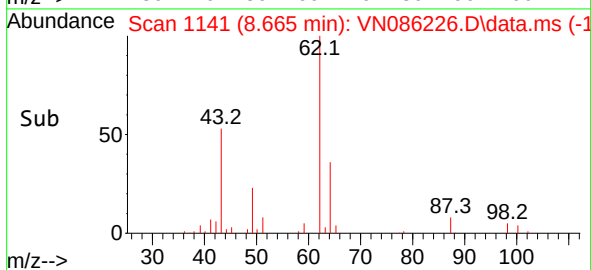
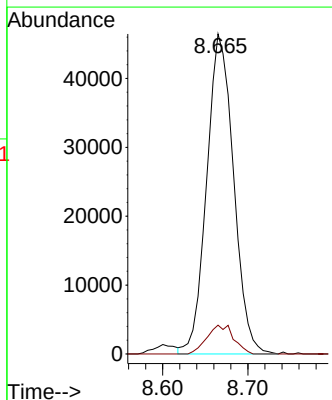
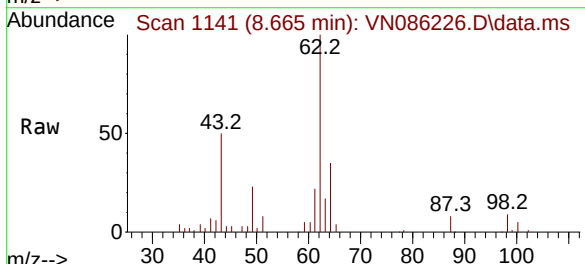
Manual Integrations
APPROVED

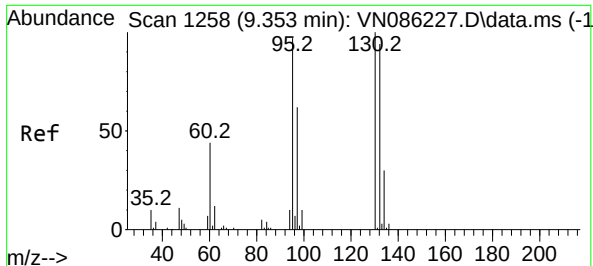
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#36
1,2-Dichloroethane
Concen: 63.527 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 62 Resp: 101752
Ion Ratio Lower Upper
62 100
98 5.8 7.8 11.8#





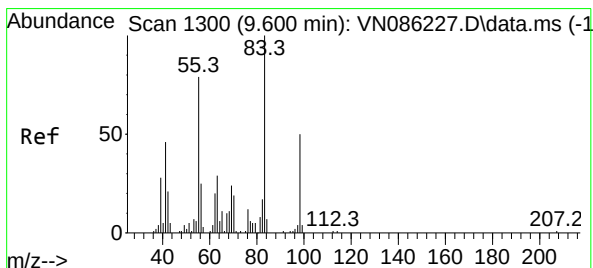
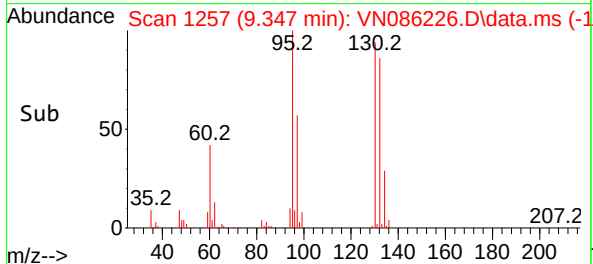
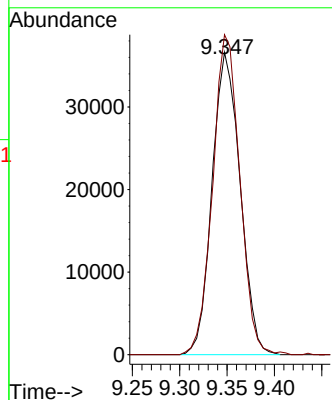
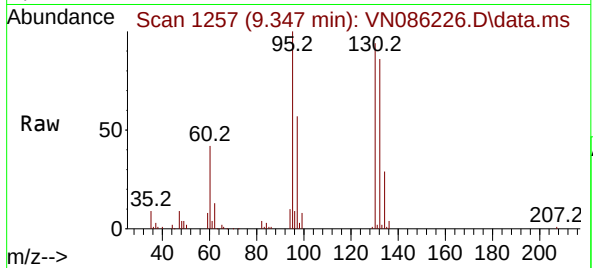
#37
Trichloroethene
Concen: 65.172 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:130 Resp: 75272
Ion Ratio Lower Upper
130 100
95 105.8 77.8 116.8

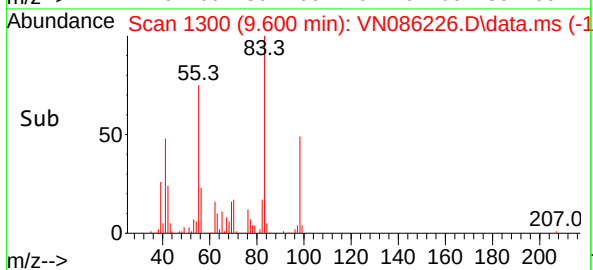
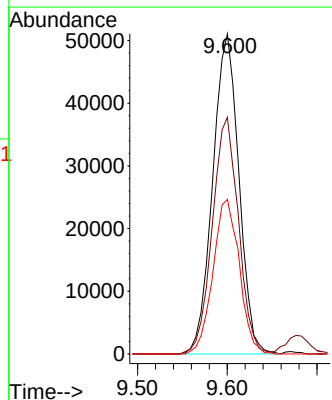
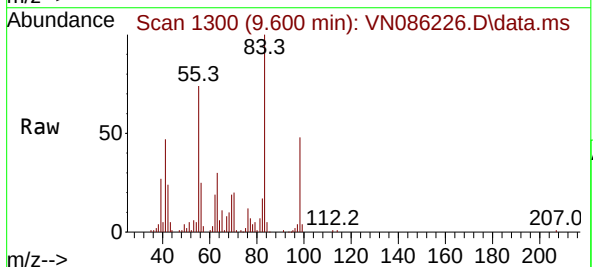
Manual Integrations
APPROVED

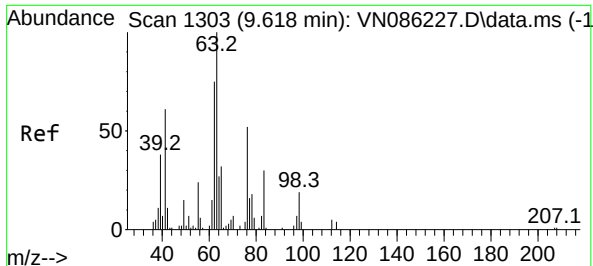
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#38
Methylcyclohexane
Concen: 67.801 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 83 Resp: 103326
Ion Ratio Lower Upper
83 100
55 73.8 38.0 113.9
98 48.6 24.2 72.6





#39

1,2-Dichloropropane

Concen: 62.816 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 70190

Ion Ratio Lower Upper

63 100

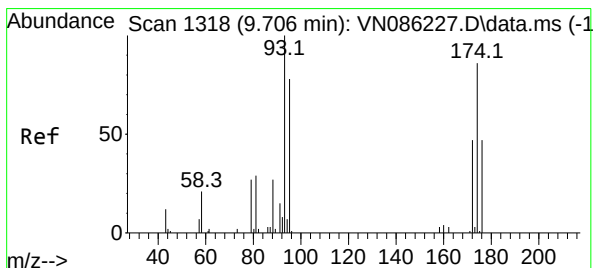
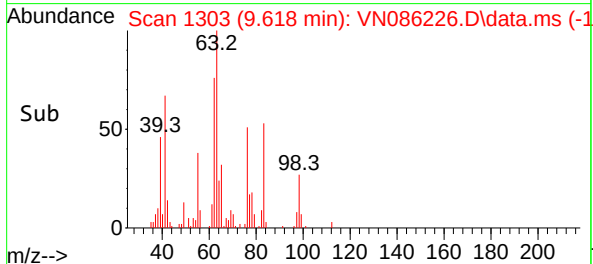
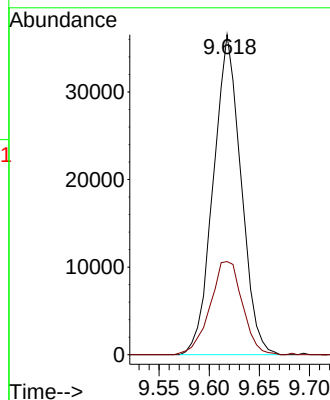
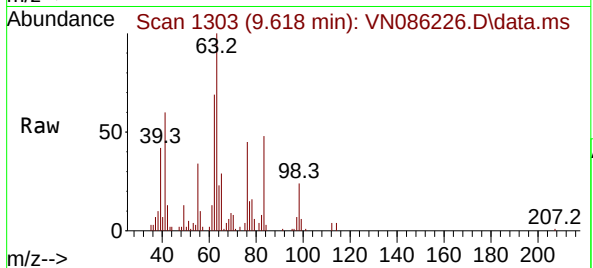
65 29.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#40

Dibromomethane

Concen: 62.368 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

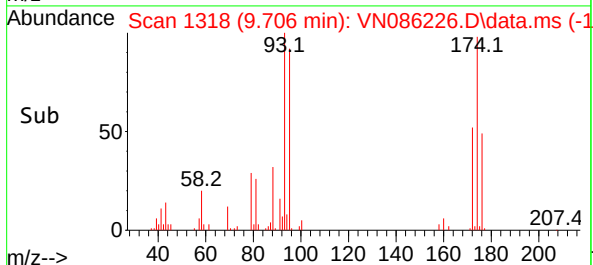
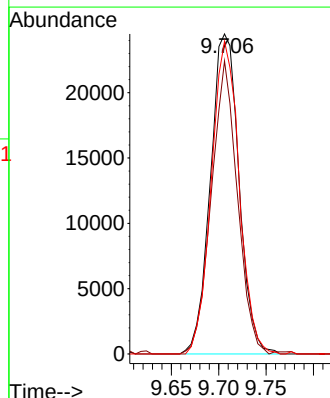
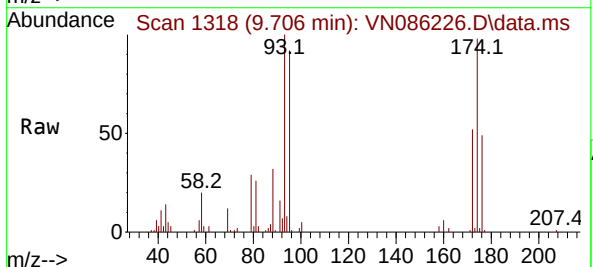
Tgt Ion: 93 Resp: 51429

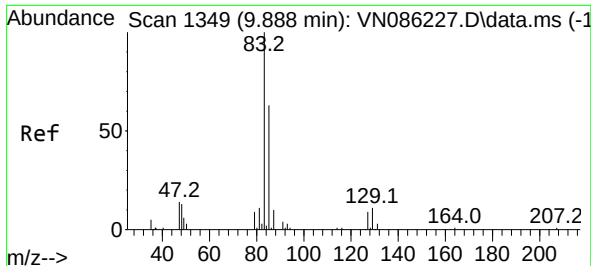
Ion Ratio Lower Upper

93 100

95 83.5 0.0 160.8

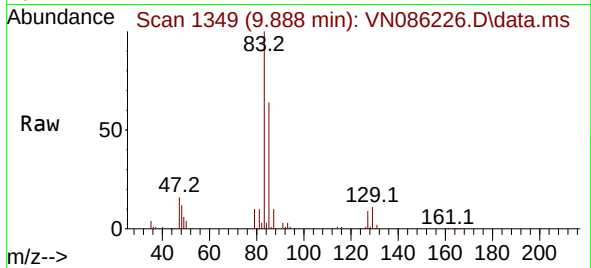
174 95.2 0.0 181.4





#41
Bromodichloromethane
Concen: 64.229 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

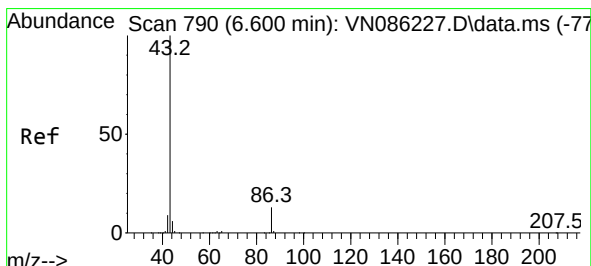
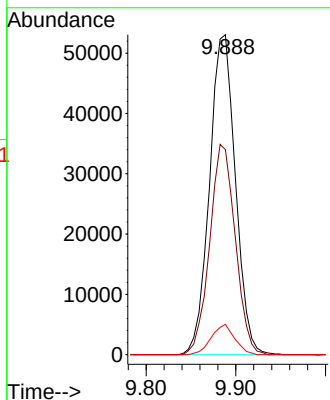
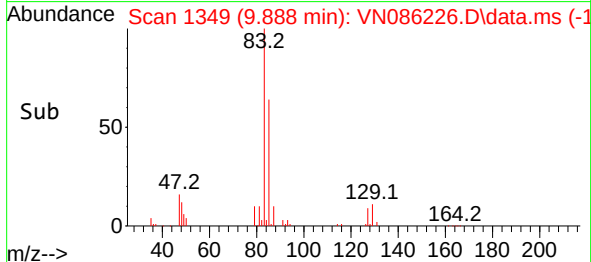
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



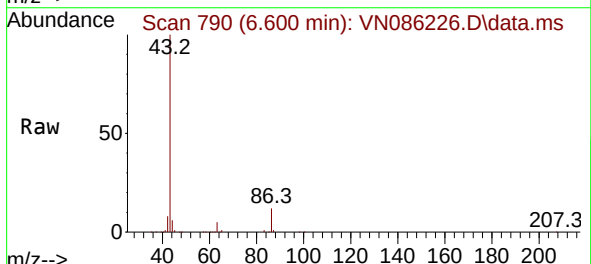
Tgt Ion: 83 Resp: 10638
Ion Ratio Lower Upper
83 100
85 64.1 50.6 75.8
127 9.5 6.8 10.2

Manual Integrations
APPROVED

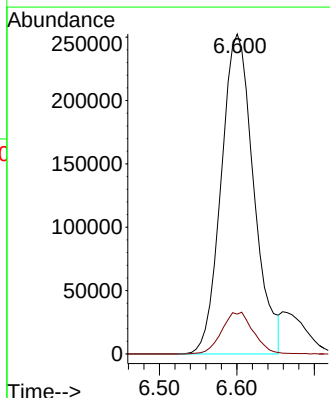
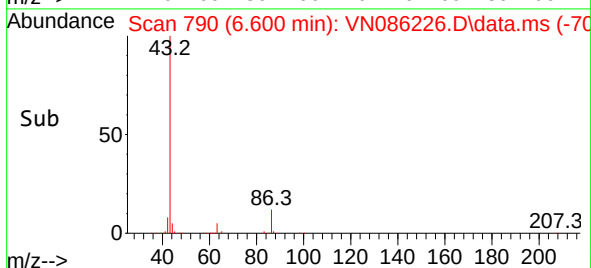
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

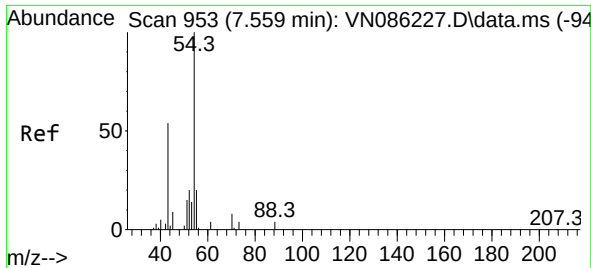


#42
Vinyl Acetate
Concen: 324.442 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



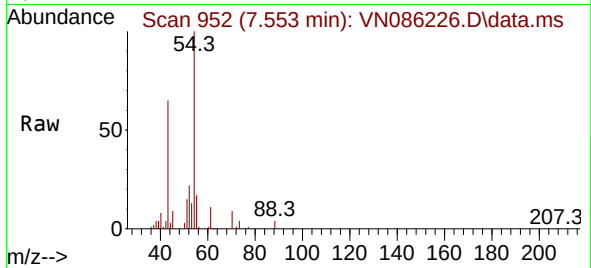
Tgt Ion: 43 Resp: 738234
Ion Ratio Lower Upper
43 100
86 12.7 9.9 14.9





#43
Ethyl Acetate
Concen: 64.143 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

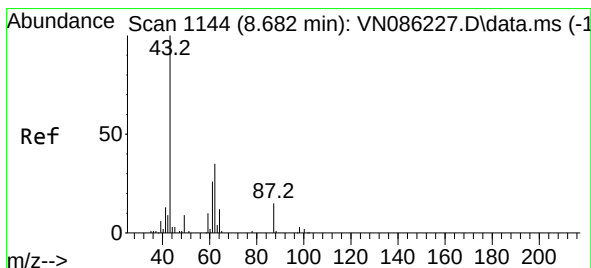
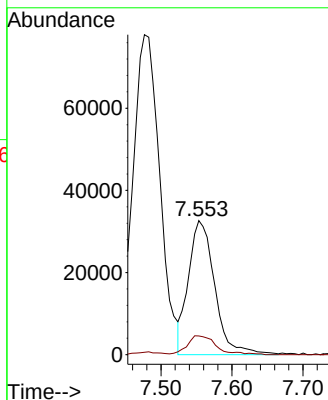
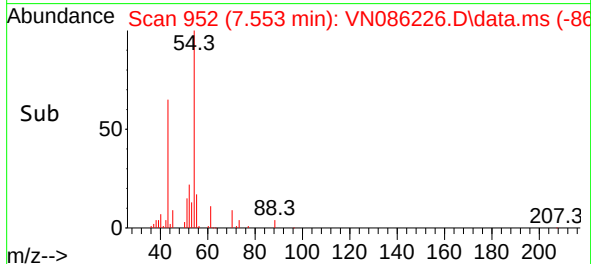
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 84209
Ion Ratio Lower Upper
43 100
45 14.5 0.2 0.4

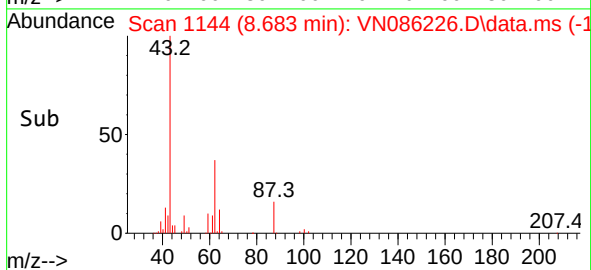
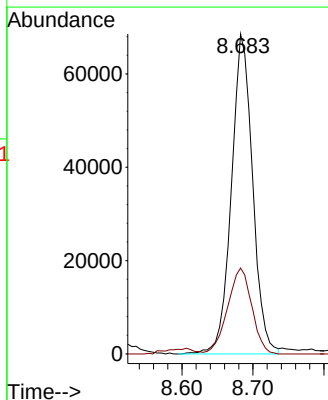
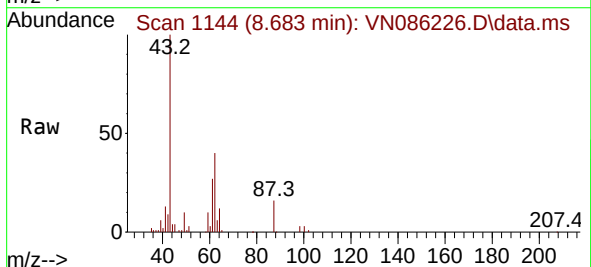
Manual Integrations
APPROVED

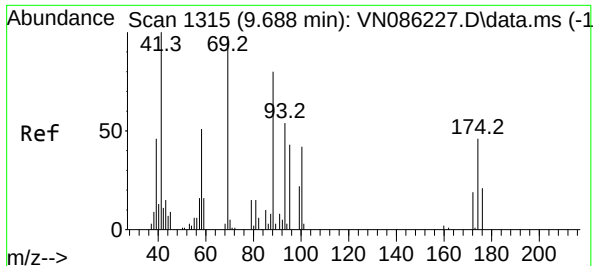
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#44
Isopropyl Acetate
Concen: 60.144 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 43 Resp: 142523
Ion Ratio Lower Upper
43 100
61 30.6 24.3 36.5





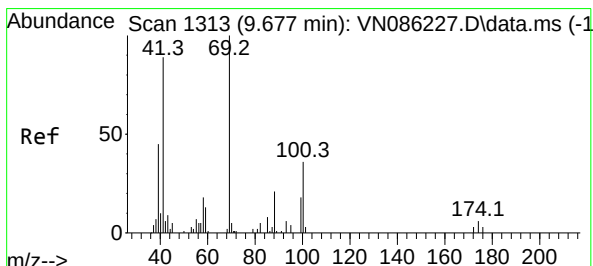
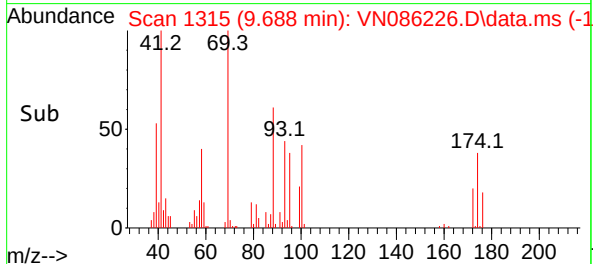
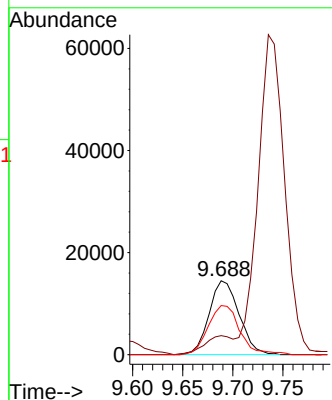
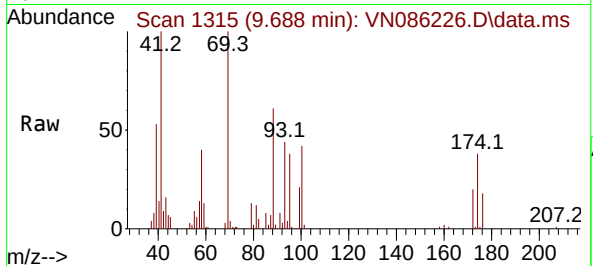
#45
1,4-Dioxane
Concen: 1387.968 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 88 Resp: 3015
Ion Ratio Lower Upper
88 100
43 24.1 19.8 29.8
58 70.3 60.6 91.0

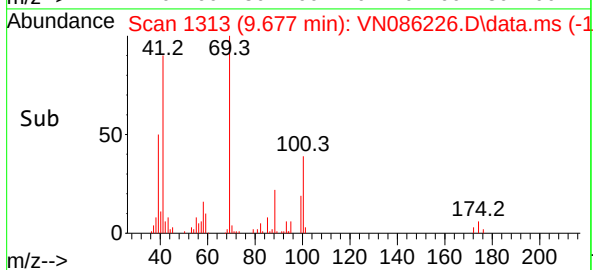
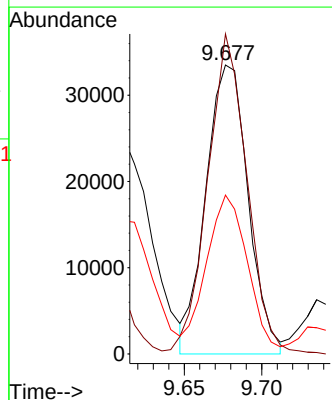
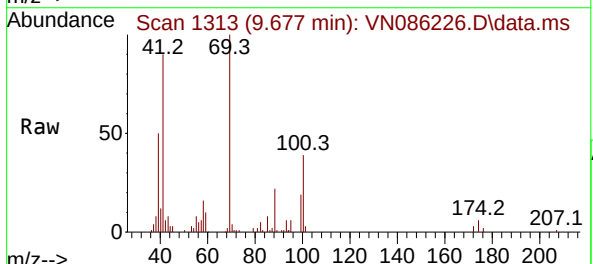
Manual Integrations
APPROVED

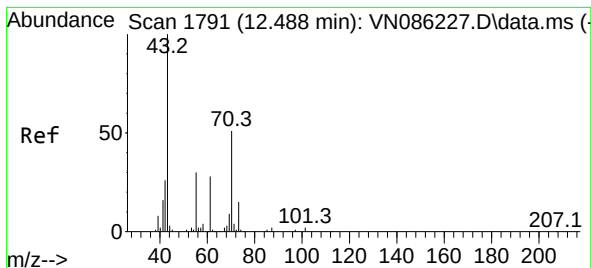
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#46
Methyl methacrylate
Concen: 65.457 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 41 Resp: 63532
Ion Ratio Lower Upper
41 100
69 112.2 53.1 159.4
39 54.7 25.2 75.6





#47

n-amy1 Acetate

Concen: 72.521 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN086226.D

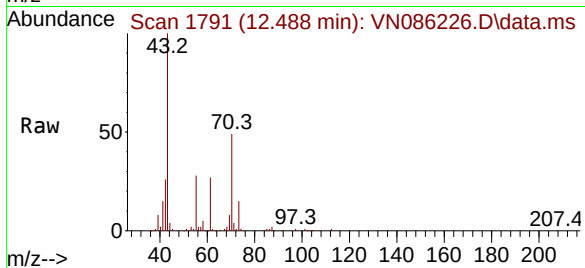
Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



Tgt Ion: 43 Resp: 117419

Ion Ratio Lower Upper

43 100

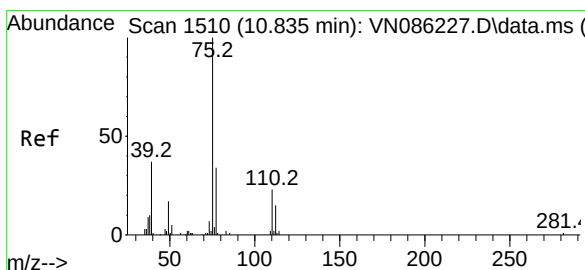
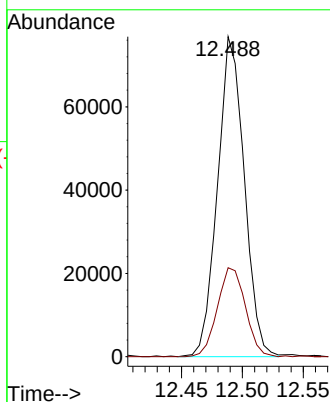
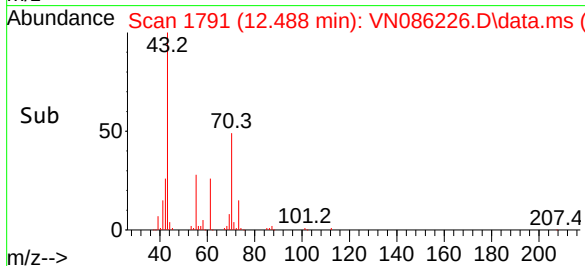
55 29.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#48

t-1,3-Dichloropropene

Concen: 65.631 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN086226.D

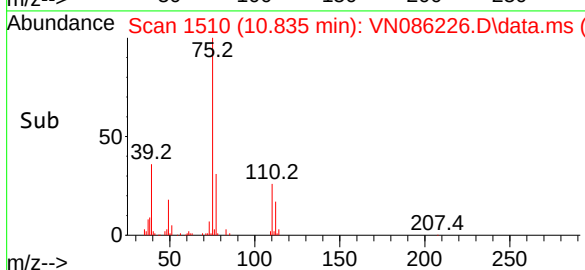
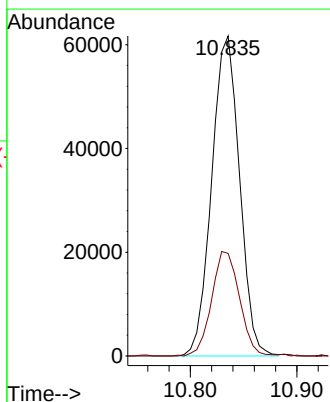
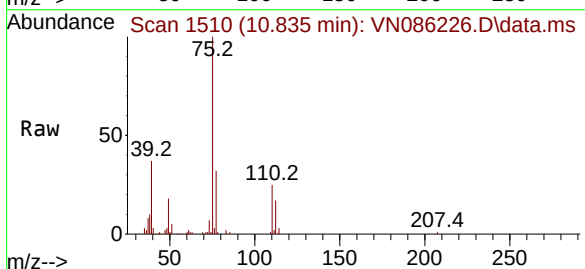
Acq: 04 Apr 2025 12:02

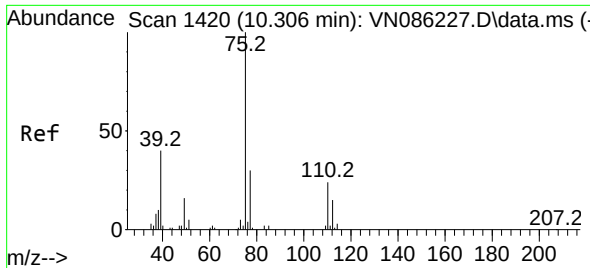
Tgt Ion: 75 Resp: 112015

Ion Ratio Lower Upper

75 100

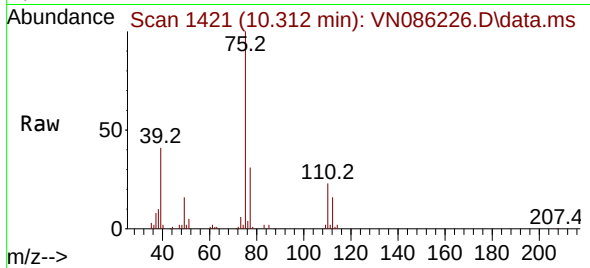
77 31.8 27.2 40.8





#49
cis-1,3-Dichloropropene
Concen: 64.531 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

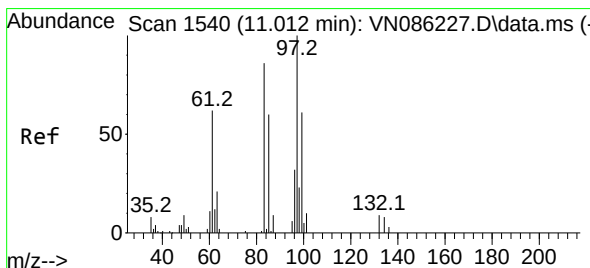
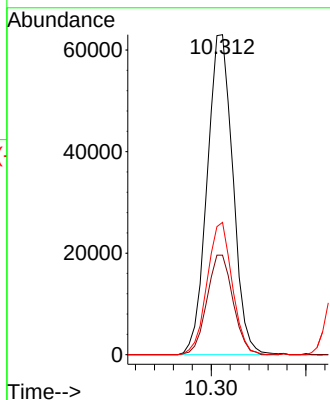
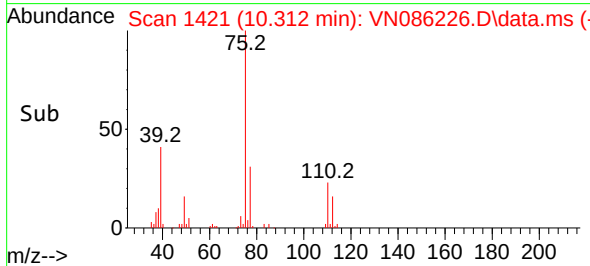
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 119000
Ion Ratio Lower Upper
75 100
77 31.1 23.8 35.6
39 41.4 31.9 47.9

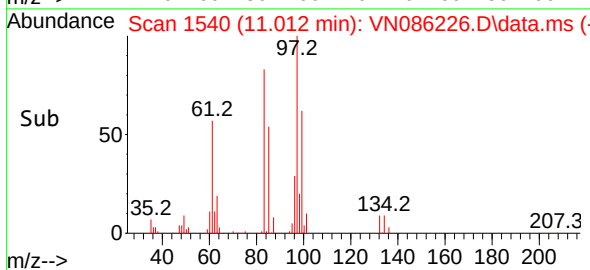
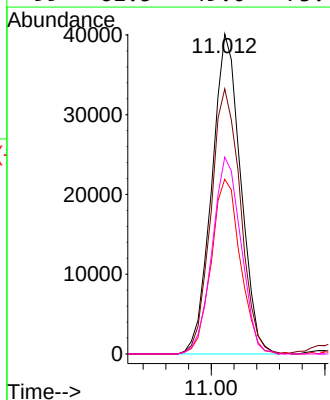
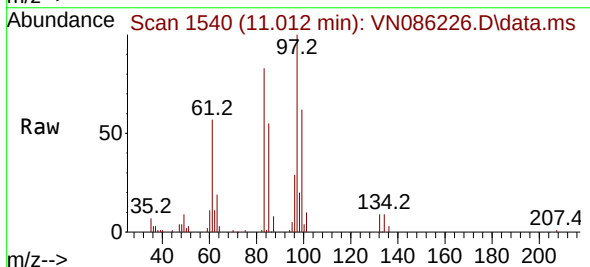
Manual Integrations
APPROVED

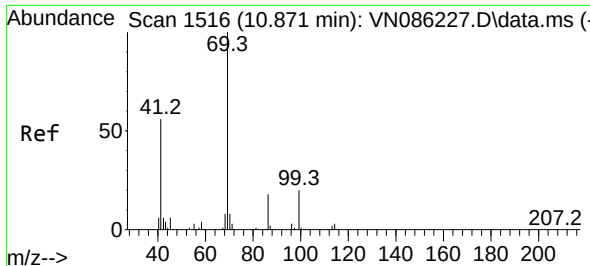
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#50
1,1,2-Trichloroethane
Concen: 65.669 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

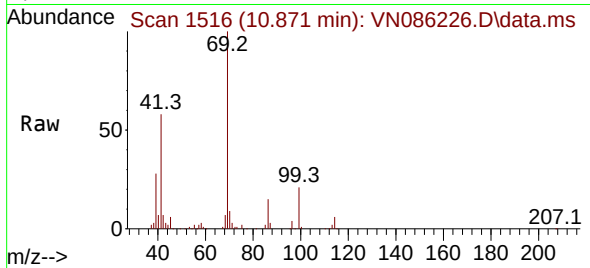
Tgt Ion: 97 Resp: 70797
Ion Ratio Lower Upper
97 100
83 82.9 68.4 102.6
85 54.6 47.7 71.5
99 61.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 70.652 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

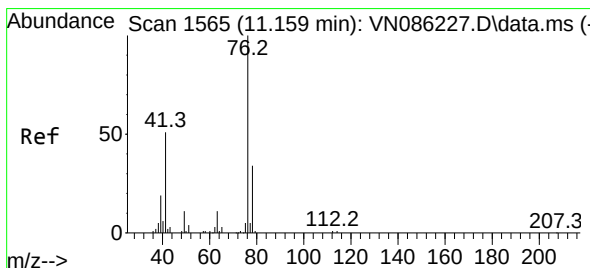
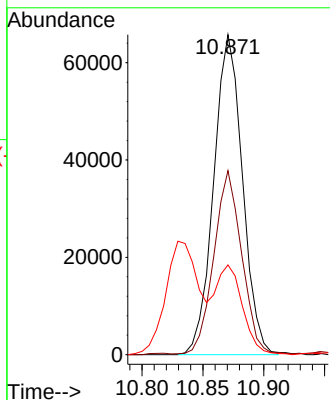
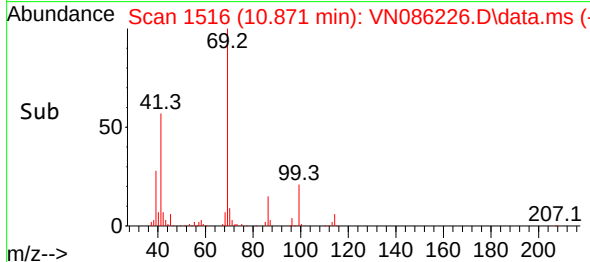
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



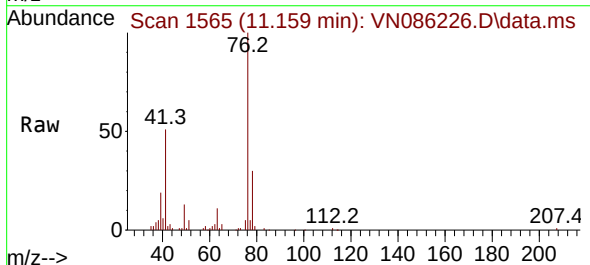
Tgt Ion: 69 Resp: 108134
Ion Ratio Lower Upper
69 100
41 57.2 27.8 83.3
39 27.7 14.1 42.3

Manual Integrations
APPROVED

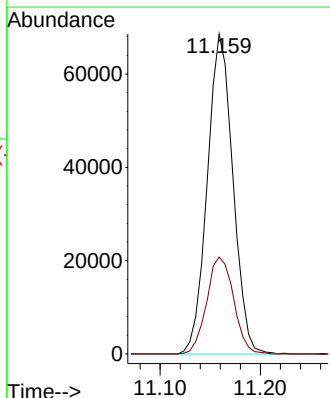
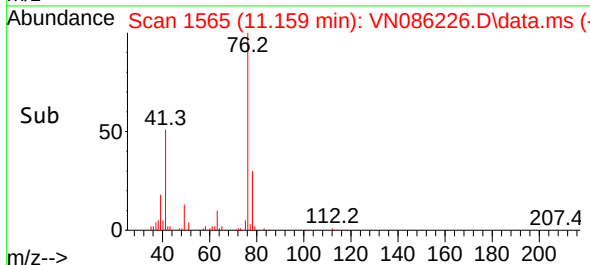
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

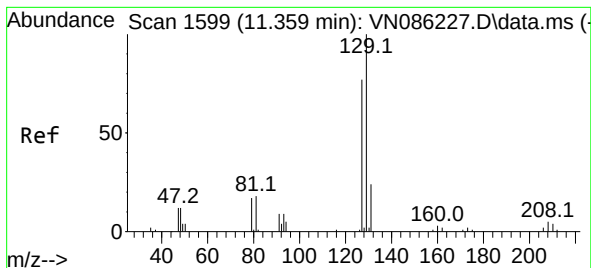


#52
1,3-Dichloropropane
Concen: 64.797 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



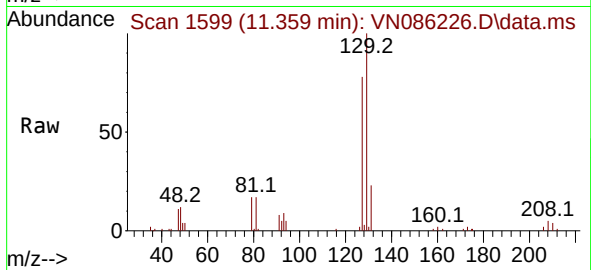
Tgt Ion: 76 Resp: 121706
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.4





#53
Dibromochloromethane
Concen: 64.254 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

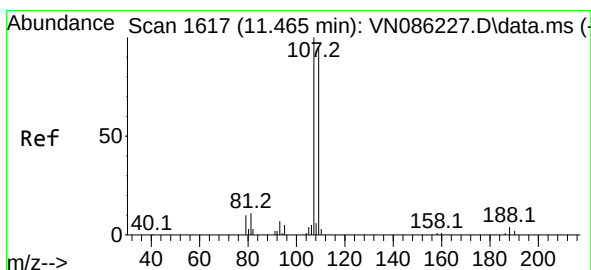
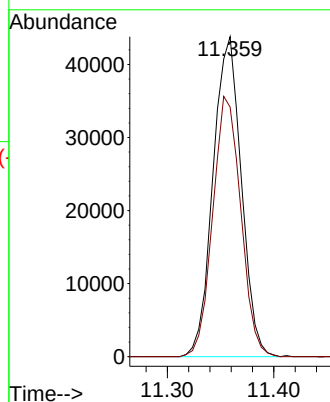
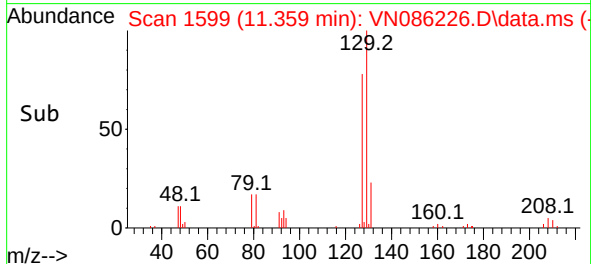
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



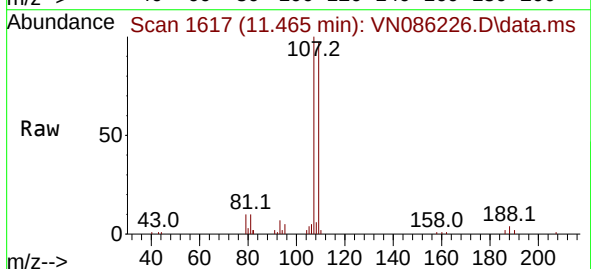
Tgt Ion:129 Resp: 8065
Ion Ratio Lower Upper
129 100
127 80.7 38.8 116.4

Manual Integrations
APPROVED

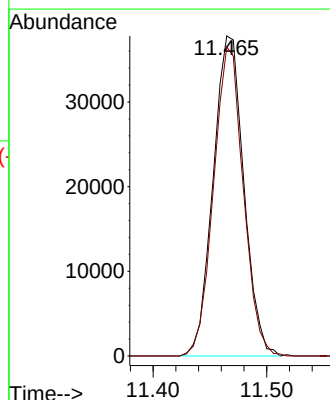
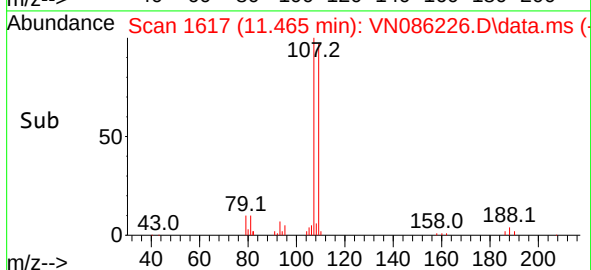
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

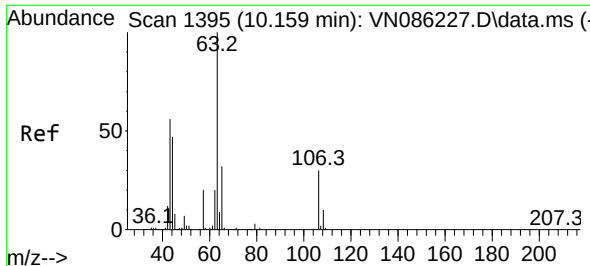


#54
1,2-Dibromoethane
Concen: 63.998 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



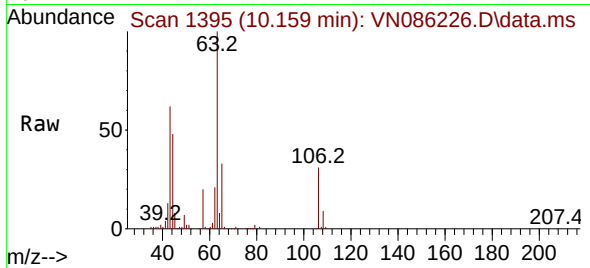
Tgt Ion:107 Resp: 70791
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4





#55
2-Chloroethyl vinyl ether
Concen: 207.902 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

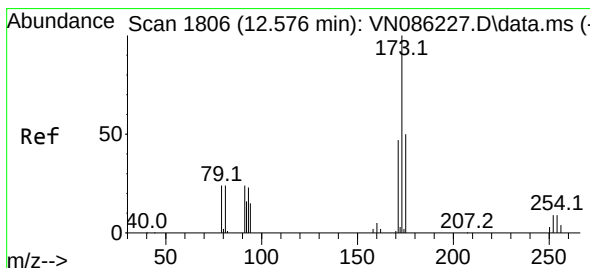
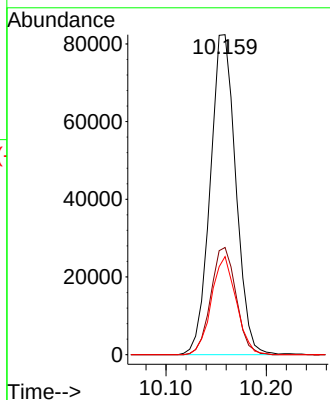
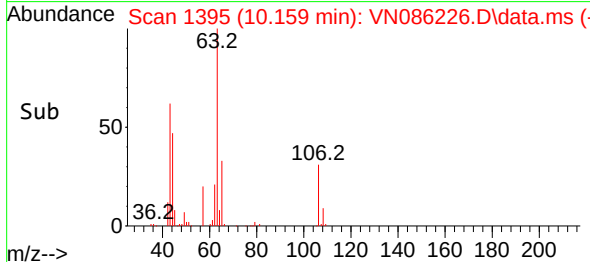
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 63 Resp: 145900
Ion Ratio Lower Upper
63 100
65 33.1 25.7 38.5
106 29.8 23.5 35.3

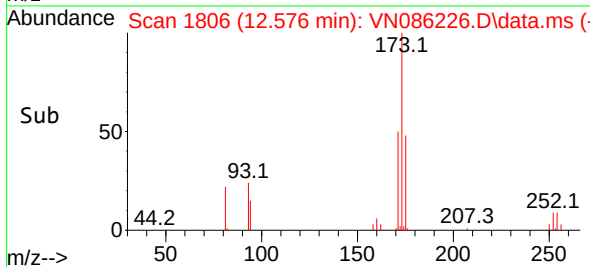
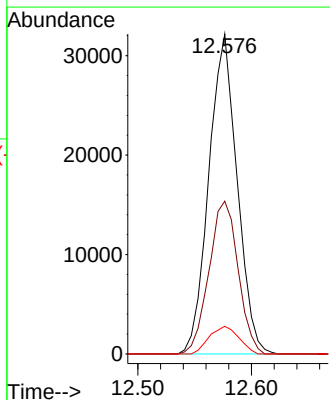
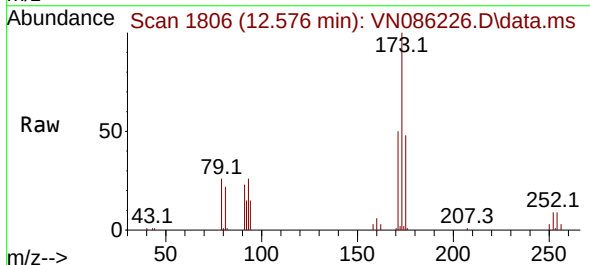
Manual Integrations
APPROVED

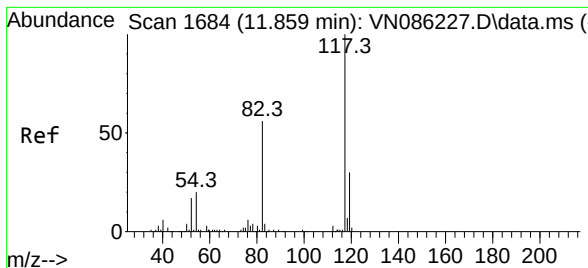
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#56
Bromoform
Concen: 65.618 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

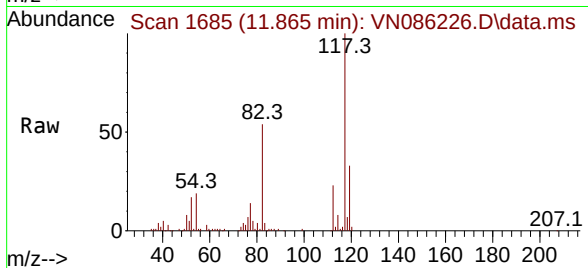
Tgt Ion:173 Resp: 55722
Ion Ratio Lower Upper
173 100
175 49.1 38.2 57.4
254 9.0 7.5 11.3





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

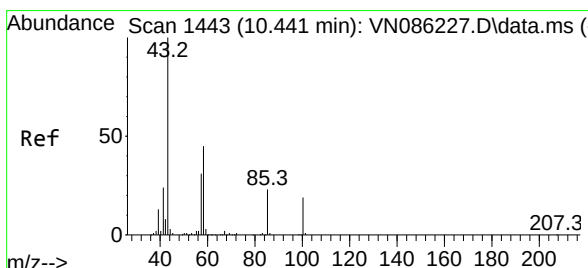
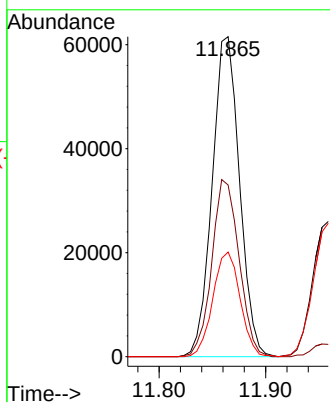
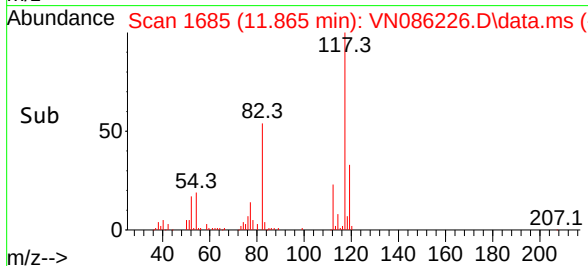
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 117 Resp: 109674
Ion Ratio Lower Upper
117 100
82 55.1 46.0 69.0
119 32.5 25.4 38.0

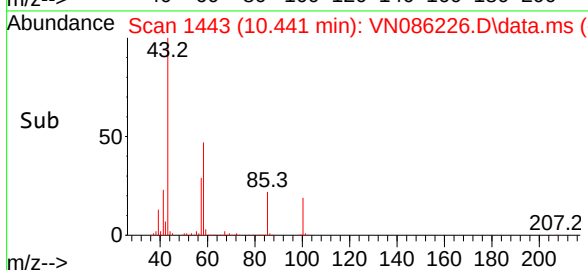
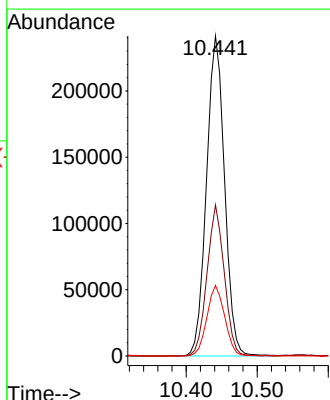
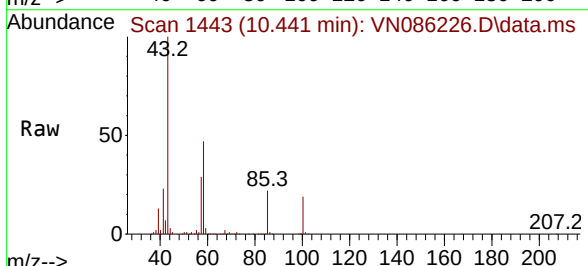
Manual Integrations
APPROVED

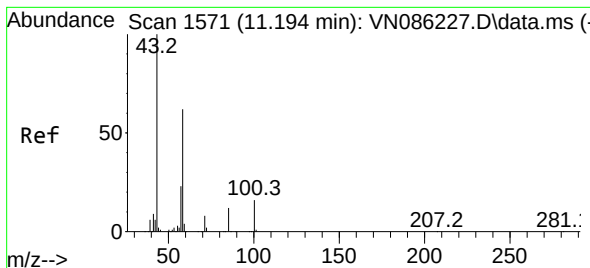
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#58
4-Methyl-2-Pentanone
Concen: 330.096 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

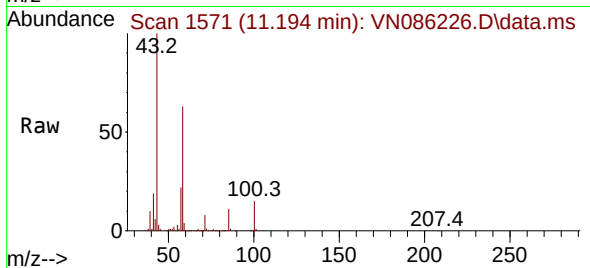
Tgt Ion: 43 Resp: 427258
Ion Ratio Lower Upper
43 100
58 45.0 35.4 53.2
85 21.7 17.6 26.4





#59
2-Hexanone
Concen: 339.627 ug/l
RT: 11.194 min Scan# 11194
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

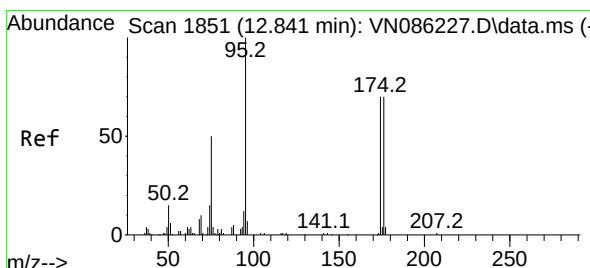
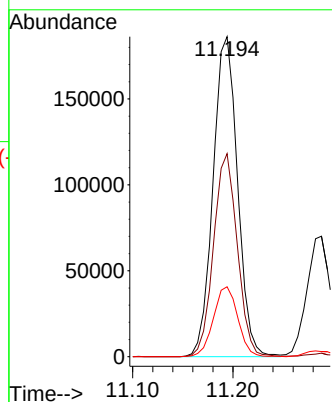
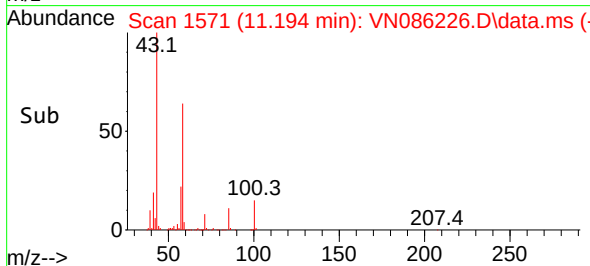
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



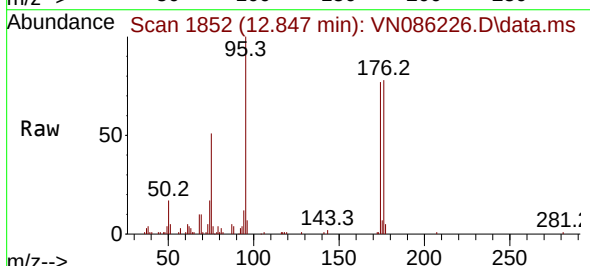
Tgt Ion: 43 Resp: 315530
Ion Ratio Lower Upper
43 100
58 61.6 48.5 72.7
57 21.8 17.7 26.5

Manual Integrations
APPROVED

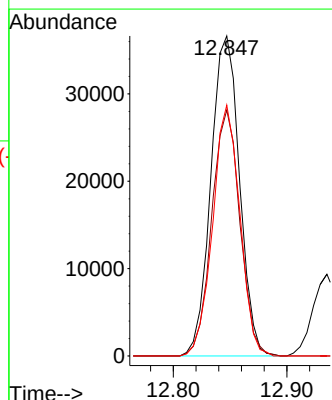
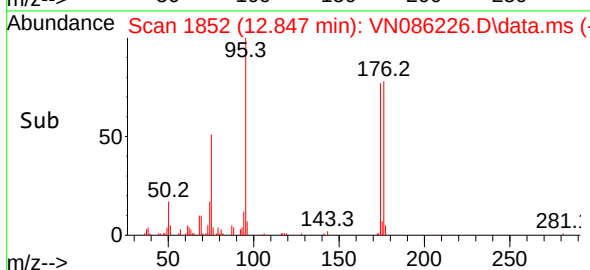
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

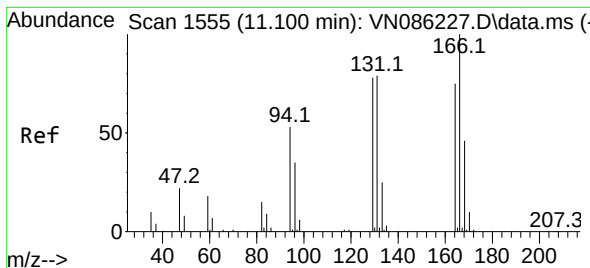


#60
4-Bromofluorobenzene
Concen: 31.381 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



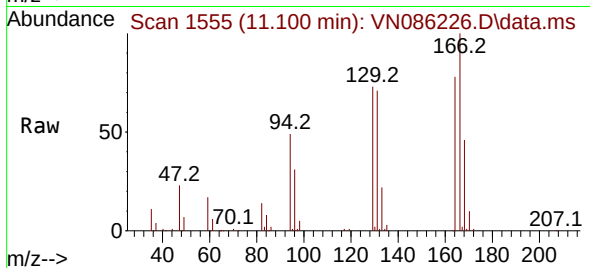
Tgt Ion: 95 Resp: 64126
Ion Ratio Lower Upper
95 100
174 75.7 59.7 89.5
176 74.4 56.8 85.2





#61
Tetrachloroethene
Concen: 63.701 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

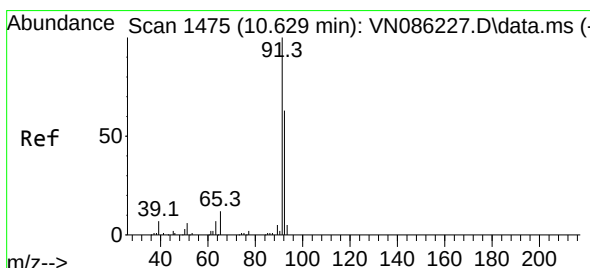
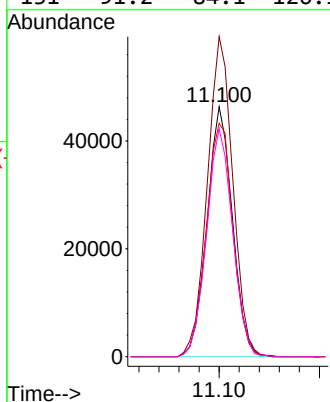
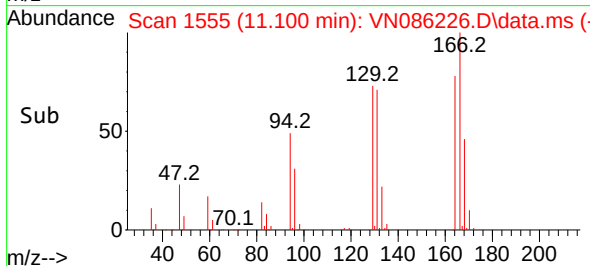
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:164 Resp: 8153
Ion Ratio Lower Upper
164 100
166 128.1 106.3 159.5
129 93.4 83.3 124.9
131 91.2 84.1 126.1

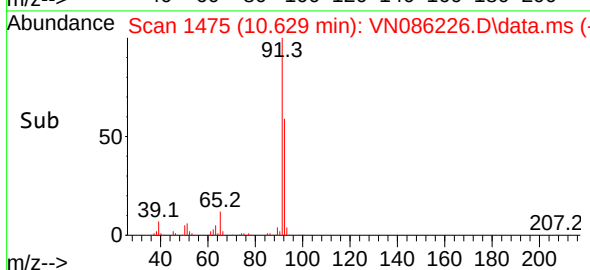
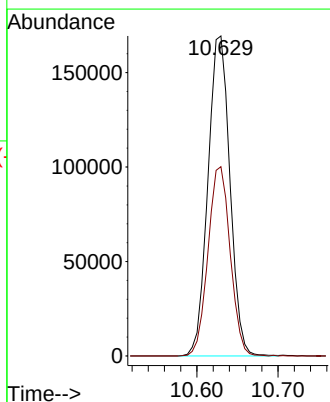
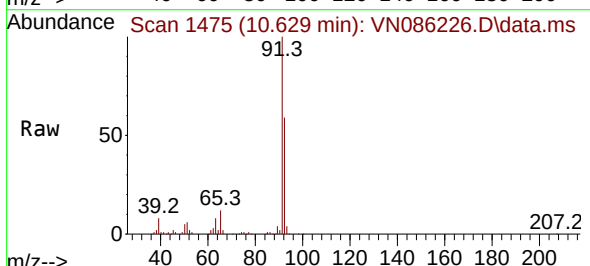
Manual Integrations
APPROVED

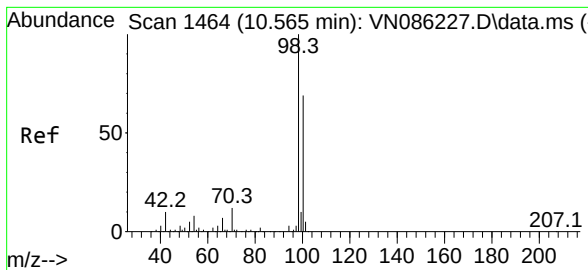
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#62
Toluene
Concen: 63.692 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

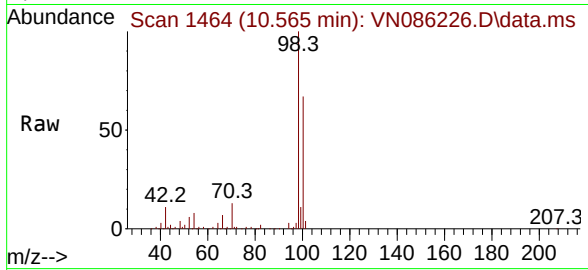
Tgt Ion: 91 Resp: 318884
Ion Ratio Lower Upper
91 100
92 59.6 48.2 72.4





#63
Toluene-d8
Concen: 29.864 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

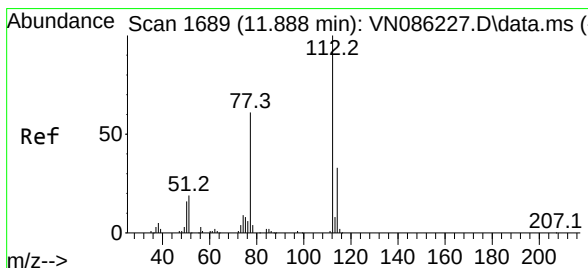
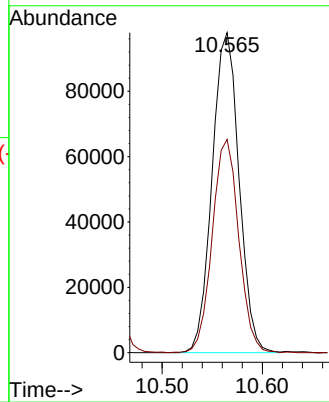
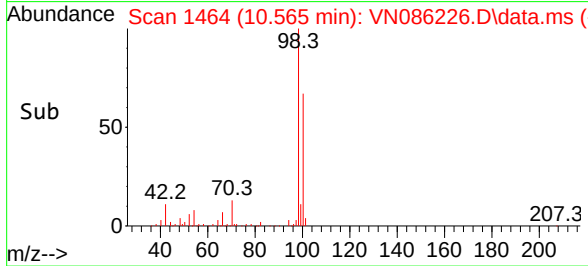
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 98 Resp: 18271
Ion Ratio Lower Upper
98 100
100 65.6 53.9 80.9

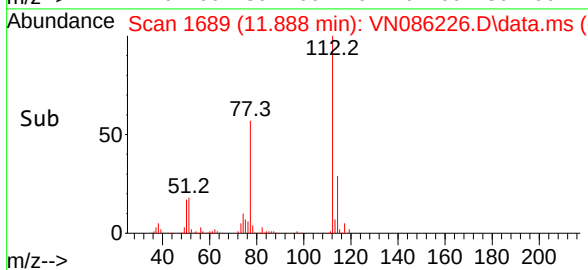
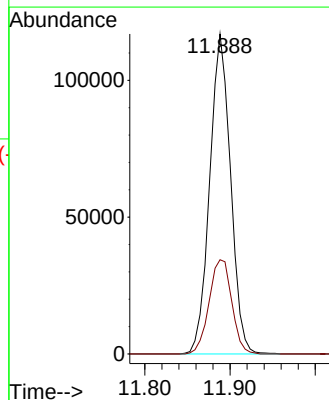
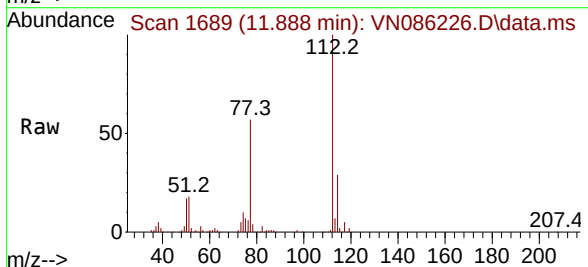
Manual Integrations
APPROVED

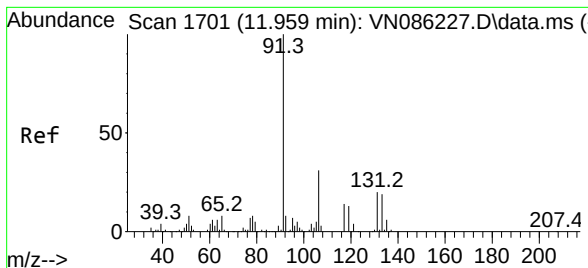
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#64
Chlorobenzene
Concen: 63.604 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

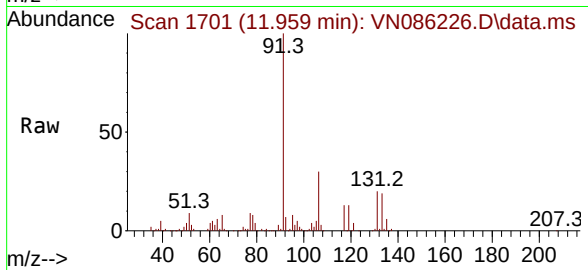
Tgt Ion:112 Resp: 198687
Ion Ratio Lower Upper
112 100
114 29.5 26.5 39.7





#65
1,1,1,2-Tetrachloroethane
Concen: 62.971 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

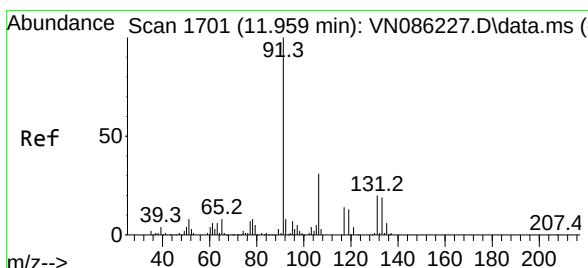
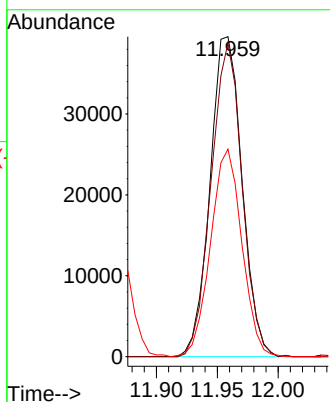
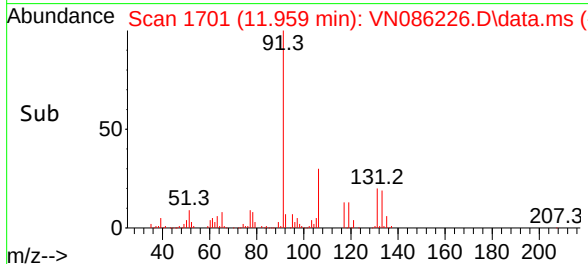
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



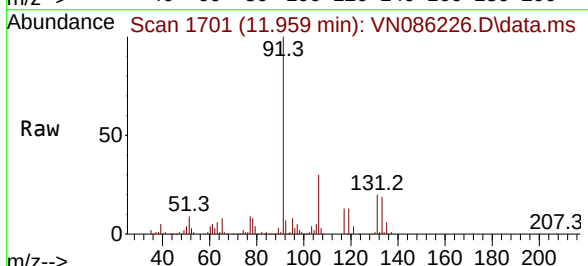
Tgt Ion:131 Resp: 7238
Ion Ratio Lower Upper
131 100
133 95.0 0.0 187.0
119 63.5 0.0 125.2

Manual Integrations
APPROVED

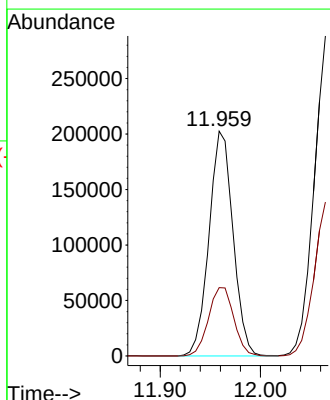
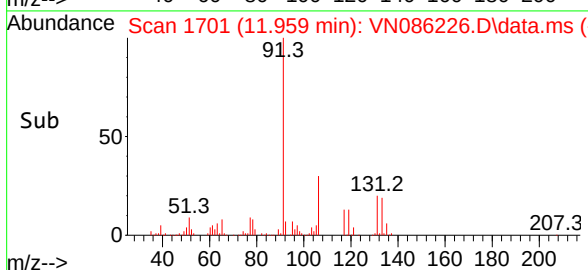
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

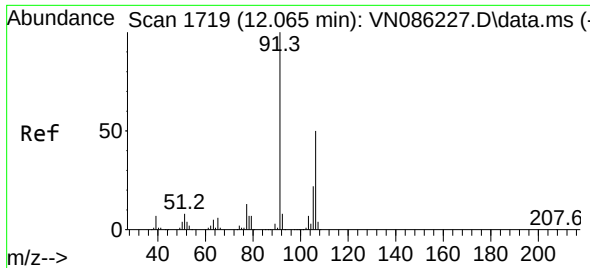


#66
Ethyl Benzene
Concen: 64.879 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



Tgt Ion: 91 Resp: 337065
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1





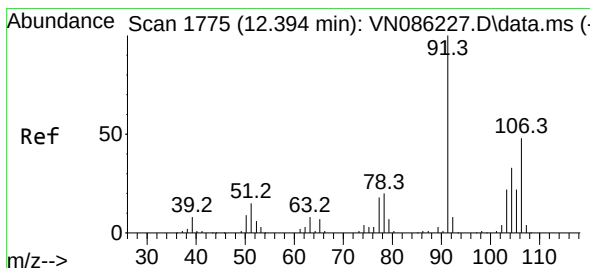
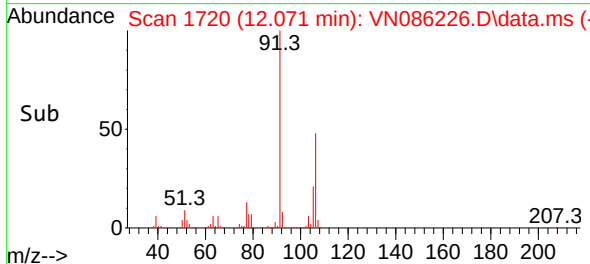
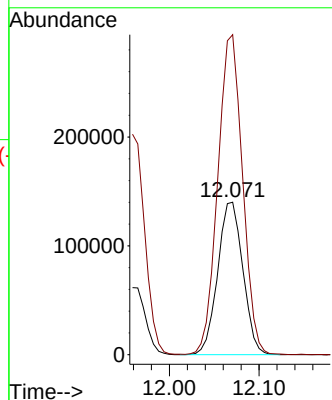
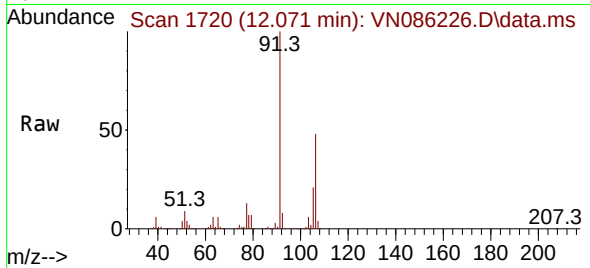
#67
m/p-Xylenes
Concen: 133.090 ug/l
RT: 12.071 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 27296
Ion Ratio Lower Upper
106 100
91 206.8 161.4 242.0

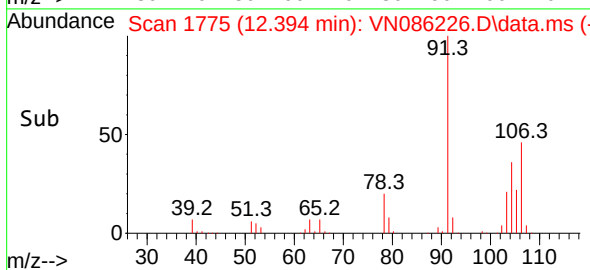
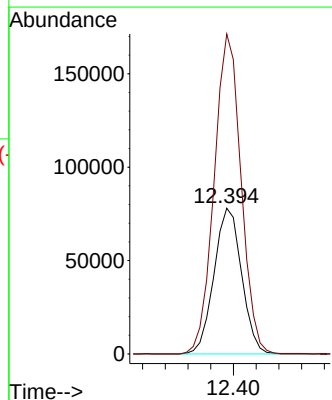
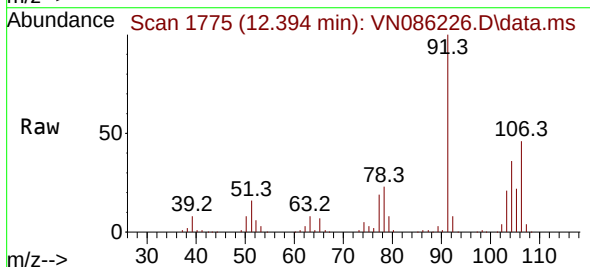
Manual Integrations
APPROVED

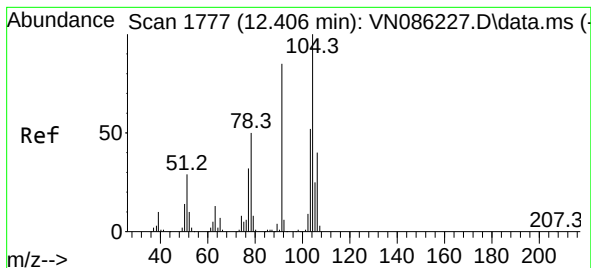
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#68
o-Xylene
Concen: 66.492 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion:106 Resp: 131636
Ion Ratio Lower Upper
106 100
91 213.9 106.1 318.1





#69

Styrene

Concen: 70.563 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

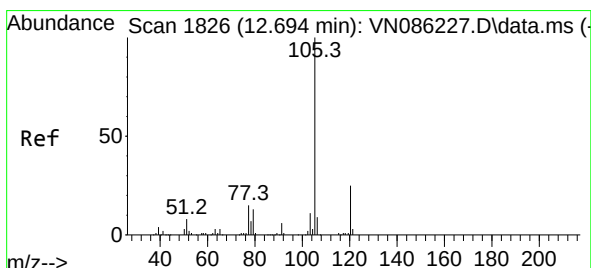
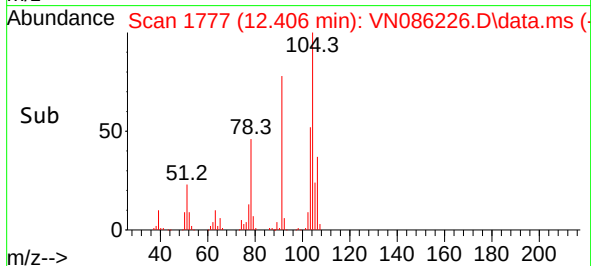
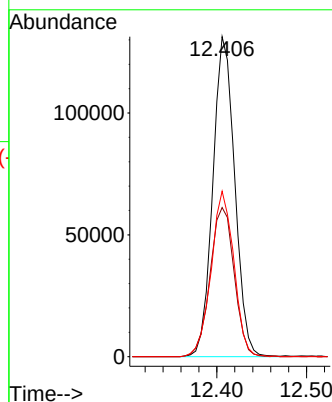
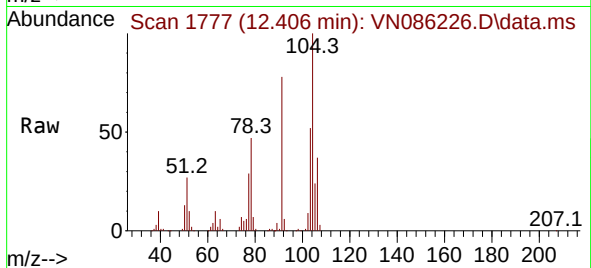
Tgt Ion:104	Resp: 22276
Ion Ratio	Lower Upper
104 100	
78 51.3	40.9 61.3
103 53.6	42.6 63.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#70

Isopropylbenzene

Concen: 65.581 ug/l

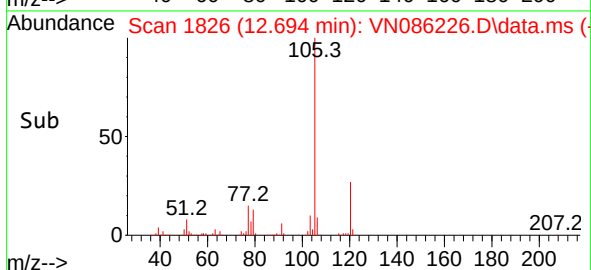
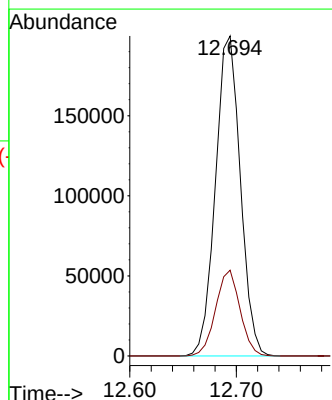
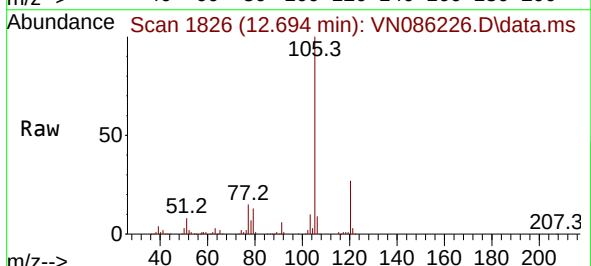
RT: 12.694 min Scan# 1826

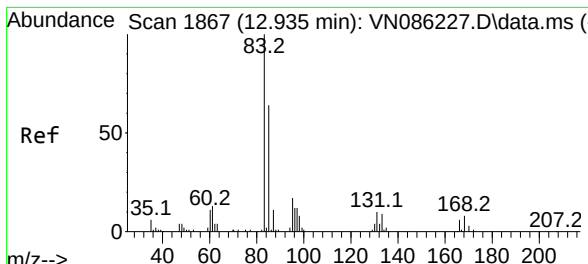
Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Tgt Ion:105	Resp: 324019
Ion Ratio	Lower Upper
105 100	
120 26.3	18.0 33.4





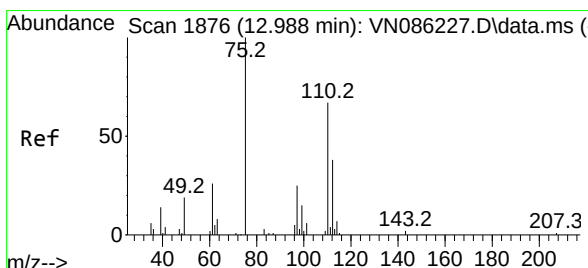
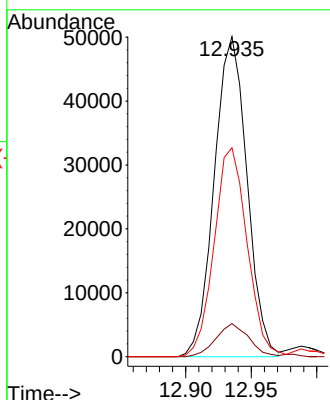
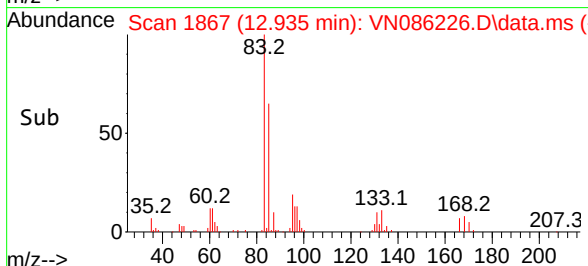
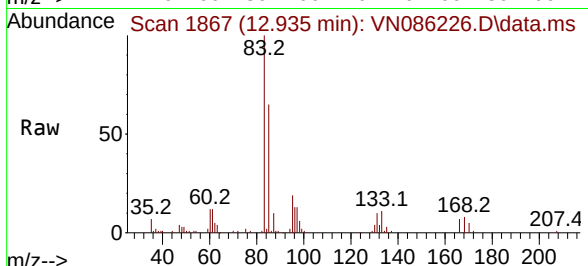
#71
 1,1,2,2-Tetrachloroethane
 Concen: 60.680 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086226.D
 Acq: 04 Apr 2025 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:	83	Resp:	8696
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.9
85	65.6	32.6	97.8

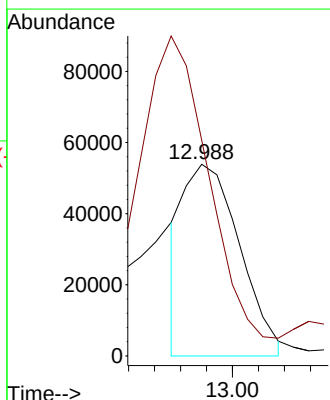
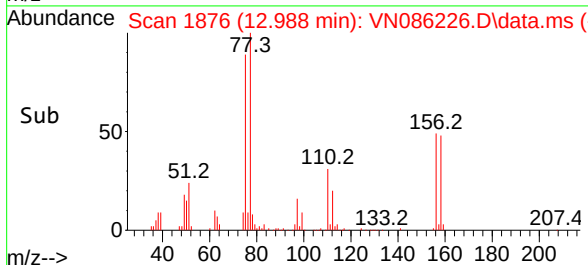
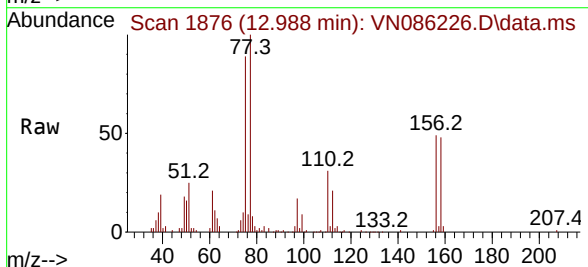
Manual Integrations
 APPROVED

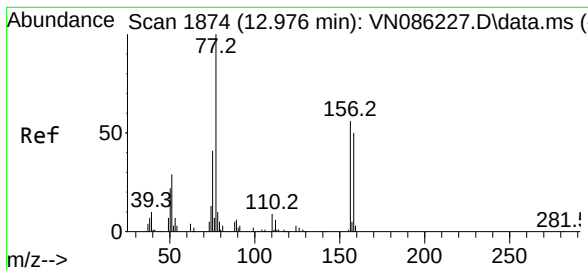
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#72
 1,2,3-Trichloropropane
 Concen: 58.596 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN086226.D
 Acq: 04 Apr 2025 12:02

Tgt Ion:	75	Resp:	81077
Ion Ratio	Lower	Upper	
75	100		
77	218.2	0.0	412.2





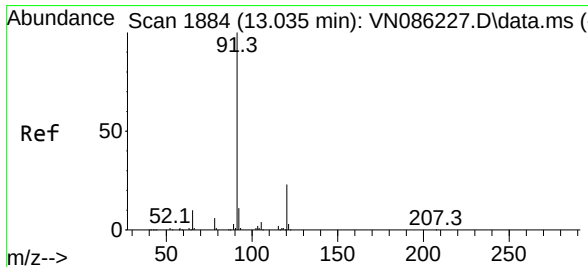
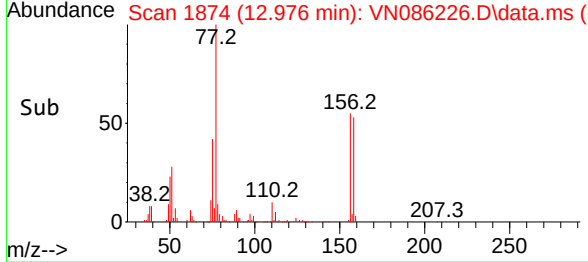
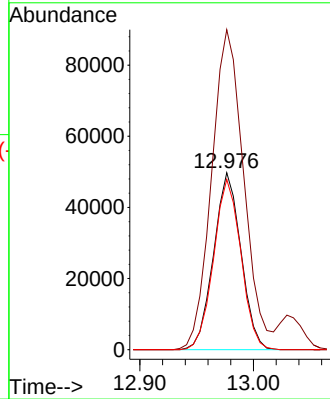
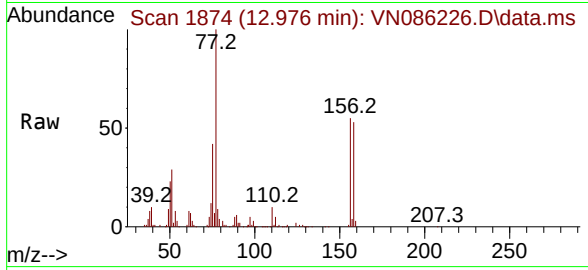
#73
Bromobenzene
Concen: 65.461 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:156 Resp: 83339
Ion Ratio Lower Upper
156 100
77 212.3 0.0 431.8
158 95.9 0.0 197.0

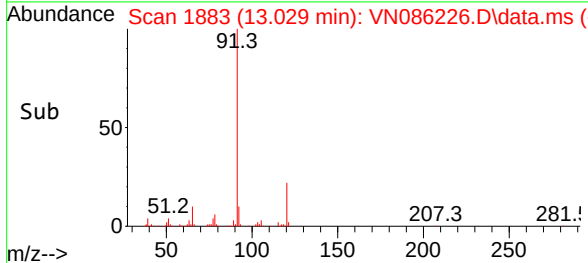
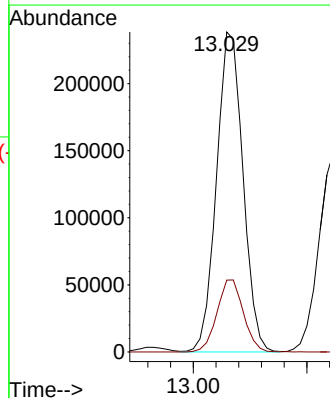
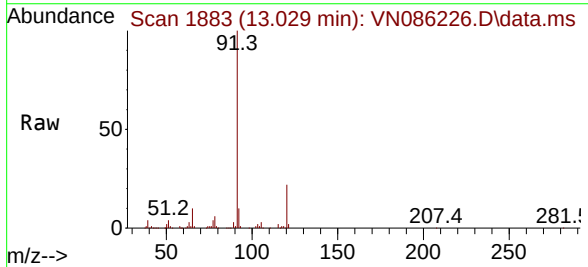
Manual Integrations
APPROVED

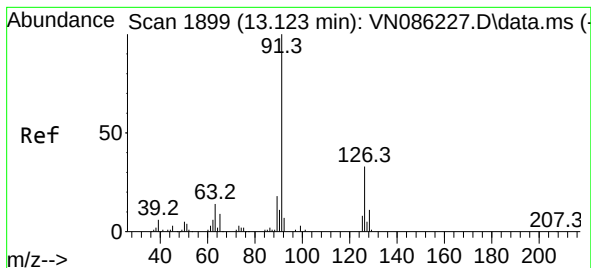
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#74
n-propylbenzene
Concen: 68.240 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 91 Resp: 385970
Ion Ratio Lower Upper
91 100
120 22.4 0.0 46.0





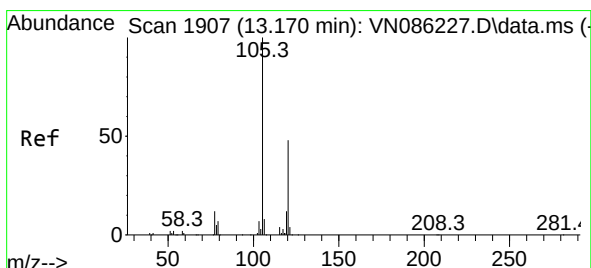
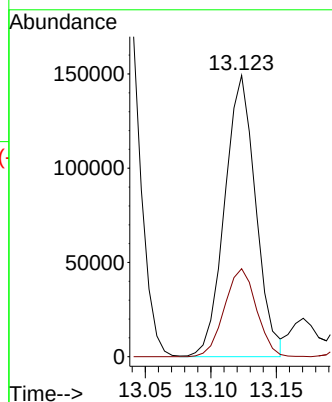
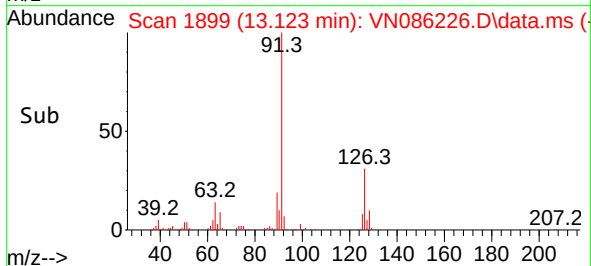
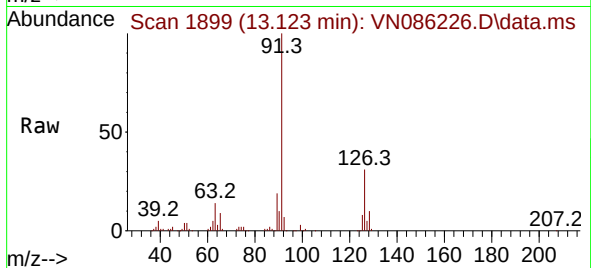
#75
2-Chlorotoluene
Concen: 65.352 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 246159
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.6

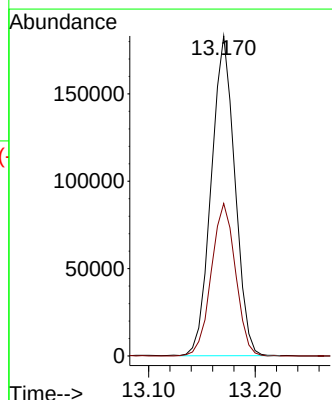
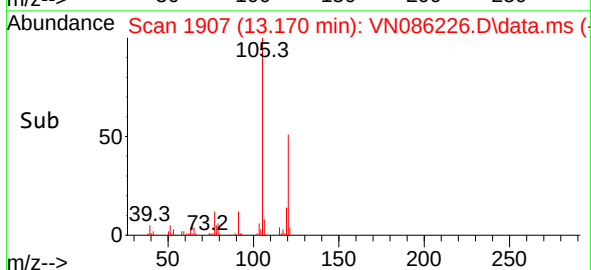
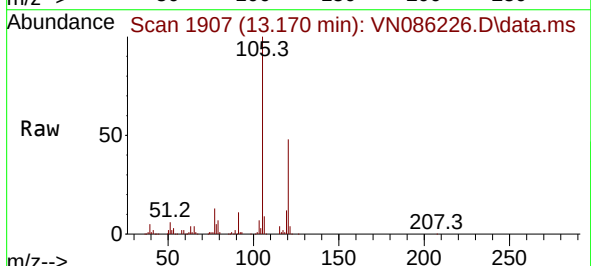
Manual Integrations
APPROVED

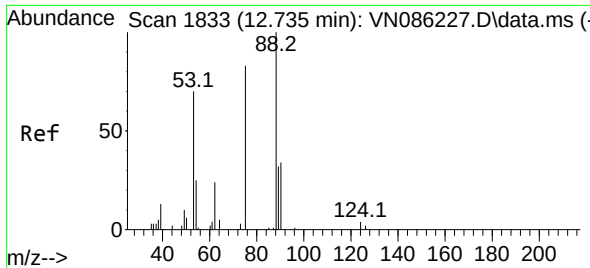
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#76
1,3,5-Trimethylbenzene
Concen: 67.539 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

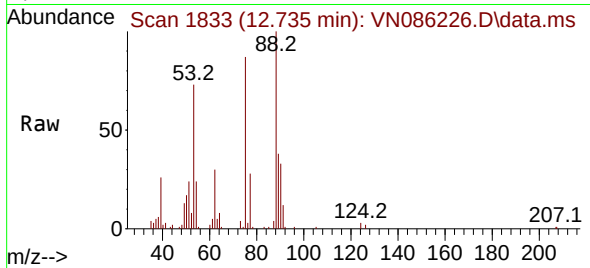
Tgt Ion:105 Resp: 281336
Ion Ratio Lower Upper
105 100
120 48.9 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 66.229 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

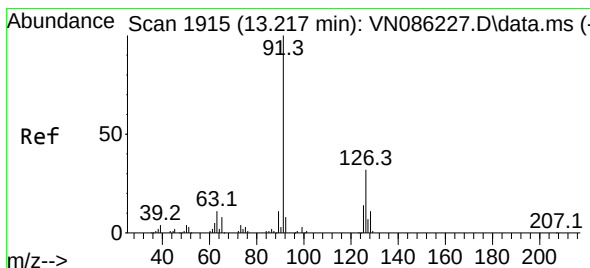
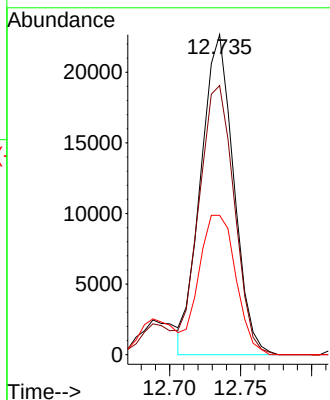
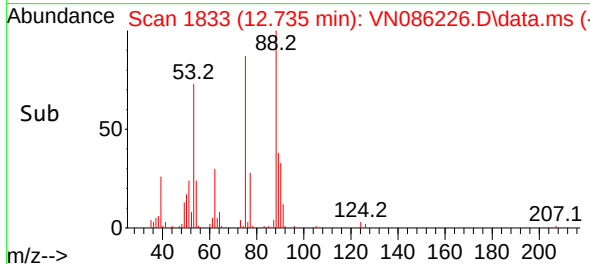
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



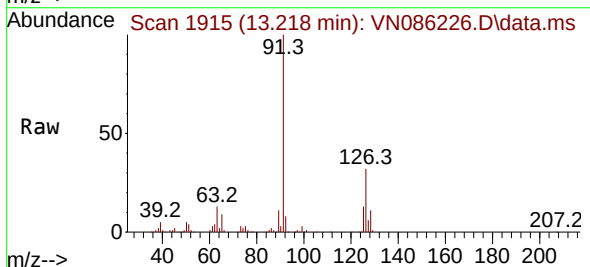
Tgt Ion: 75 Resp: 3655
Ion Ratio Lower Upper
75 100
53 84.1 42.0 126.0
89 43.6 21.6 65.0

Manual Integrations
APPROVED

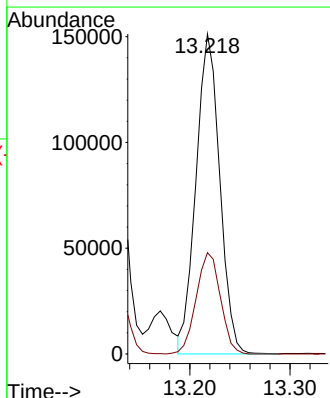
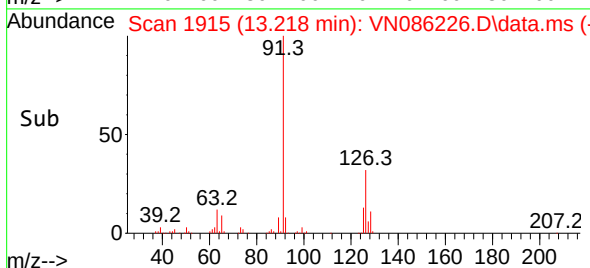
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

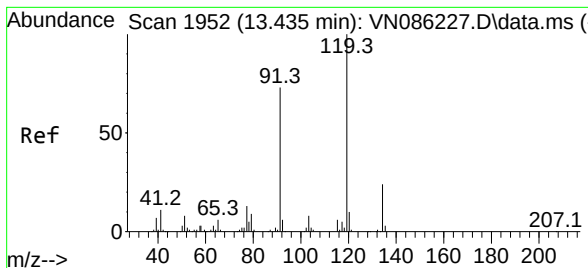


#78
4-Chlorotoluene
Concen: 66.617 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



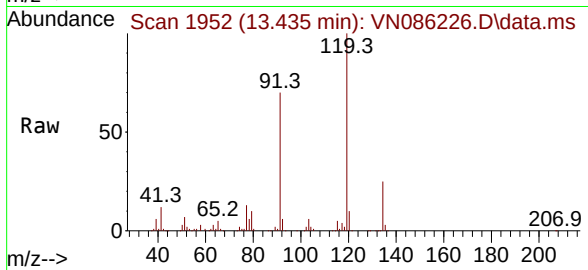
Tgt Ion: 91 Resp: 248843
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.4





#79
tert-butylbenzene
Concen: 70.047 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

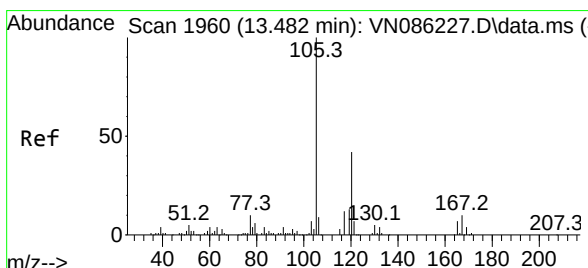
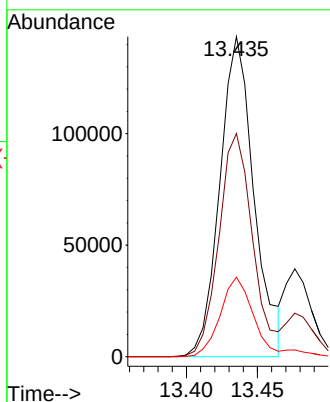
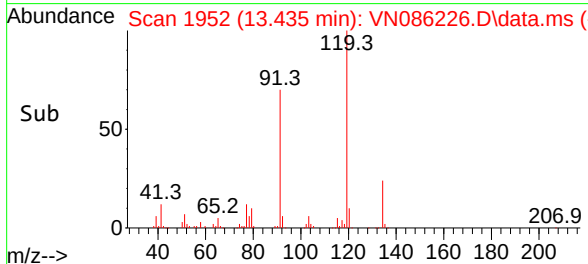
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



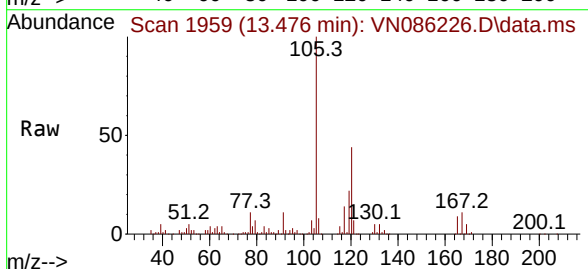
Tgt Ion:119 Resp: 240440
Ion Ratio Lower Upper
119 100
91 68.9 0.0 138.6
134 23.6 0.0 49.2

Manual Integrations
APPROVED

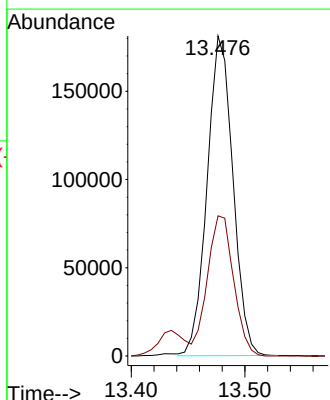
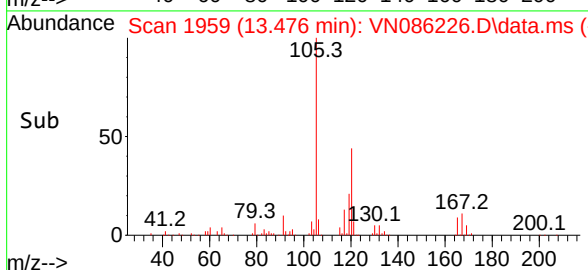
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

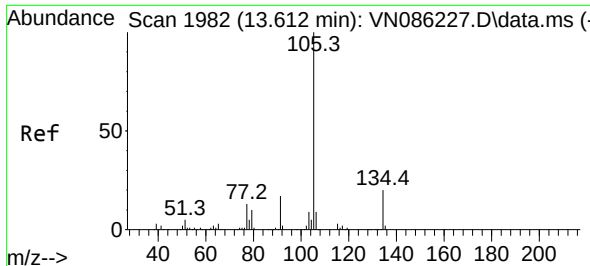


#80
1,2,4-Trimethylbenzene
Concen: 68.433 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



Tgt Ion:105 Resp: 286026
Ion Ratio Lower Upper
105 100
120 44.5 0.0 86.6





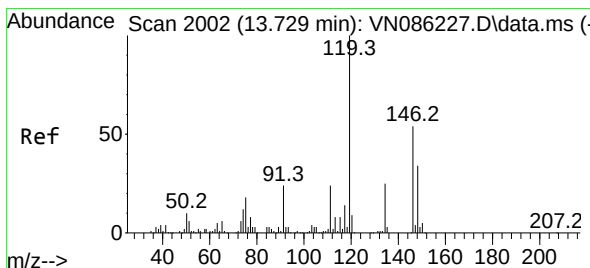
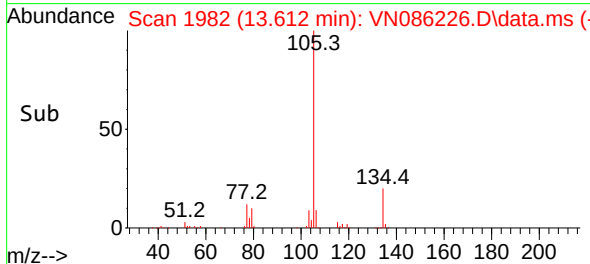
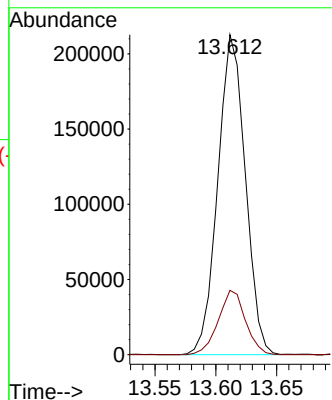
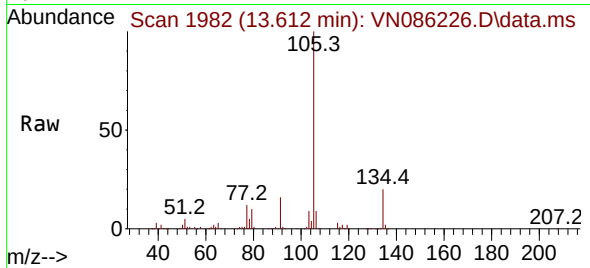
#81
 sec-Butylbenzene
 Concen: 71.210 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086226.D
 Acq: 04 Apr 2025 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 334779
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.0

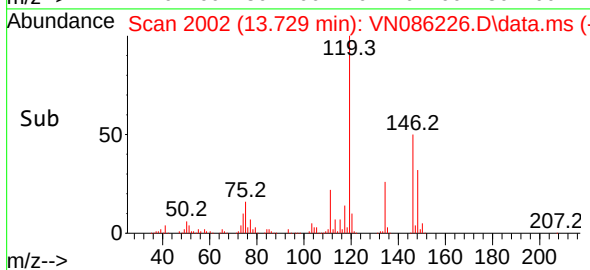
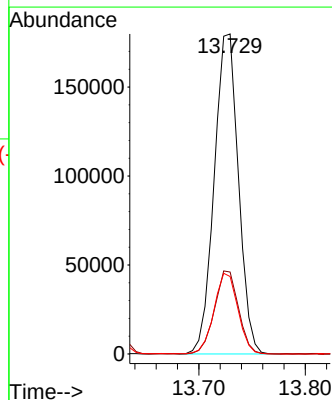
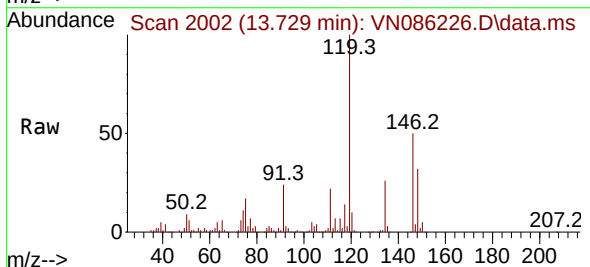
Manual Integrations
 APPROVED

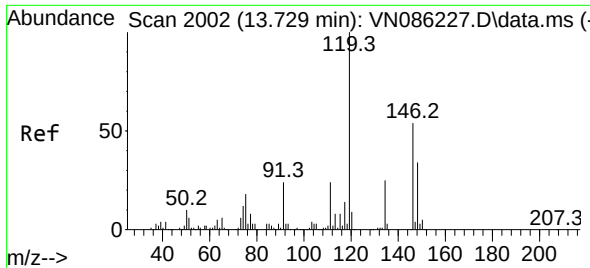
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#82
 p-Isopropyltoluene
 Concen: 73.839 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086226.D
 Acq: 04 Apr 2025 12:02

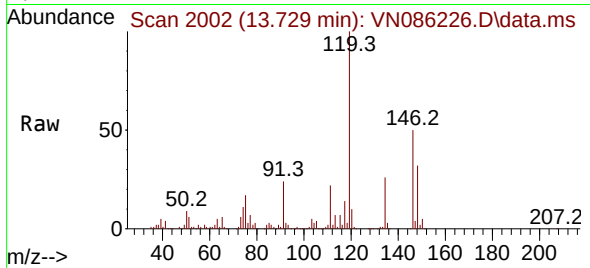
Tgt Ion:119 Resp: 284018
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.2
 91 24.9 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 65.781 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

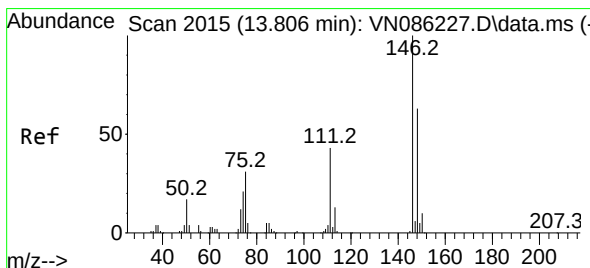
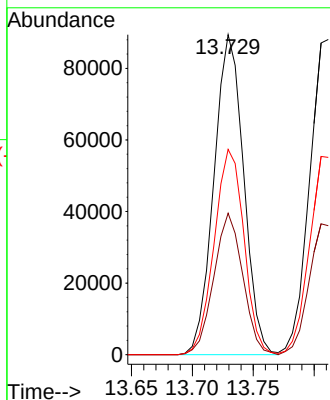
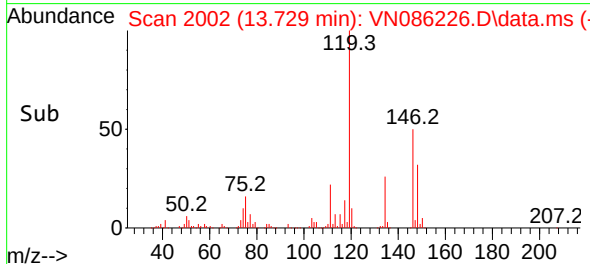
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



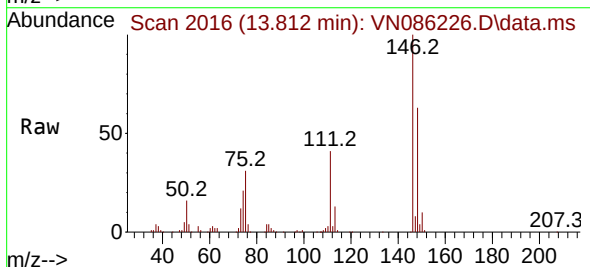
Tgt Ion:146 Resp: 152114
Ion Ratio Lower Upper
146 100
111 43.0 21.1 63.4
148 64.2 32.3 96.8

Manual Integrations
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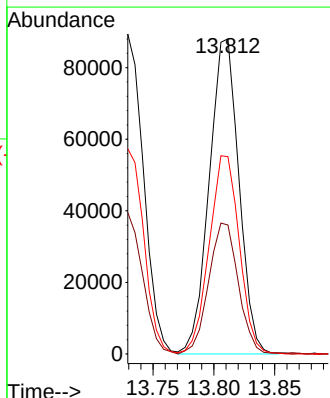
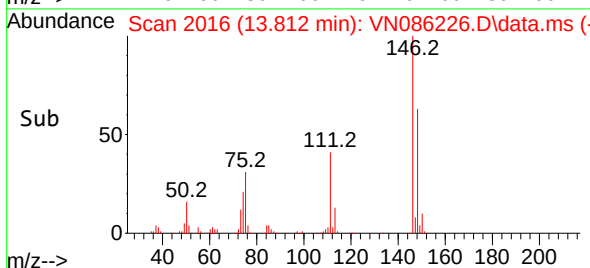
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

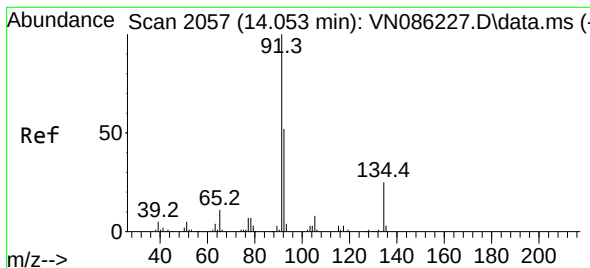


#84
1,4-Dichlorobenzene
Concen: 66.266 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



Tgt Ion:146 Resp: 149564
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 63.8 31.6 94.8





#85

n-Butylbenzene

Concen: 76.943 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

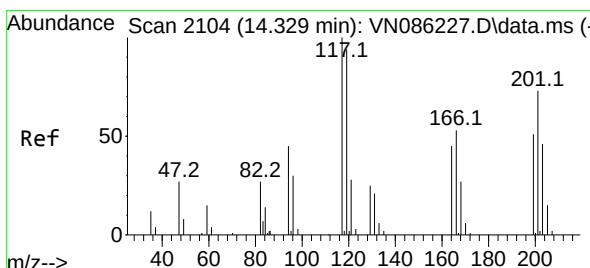
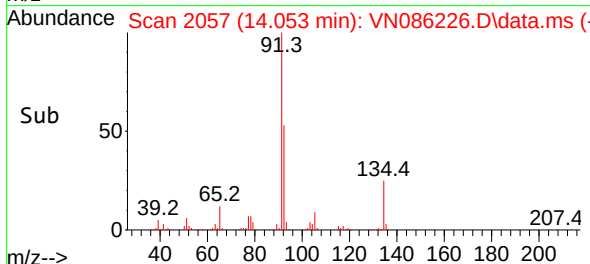
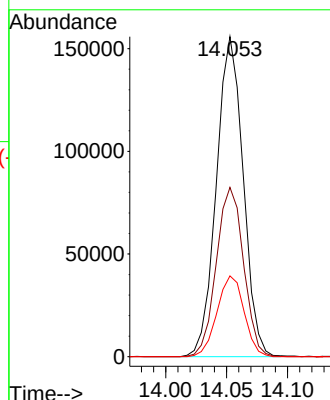
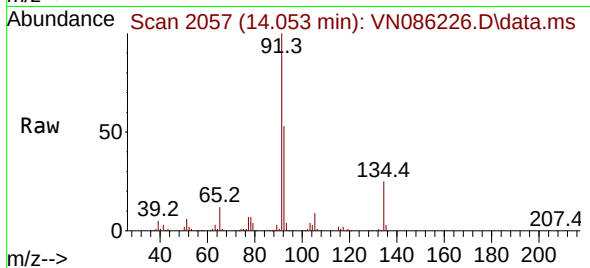
Tgt Ion:	91	Resp:	23896
Ion	Ratio	Lower	Upper
91	100		
92	53.7	0.0	106.2
134	25.5	0.0	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#86

Hexachloroethane

Concen: 68.149 ug/l

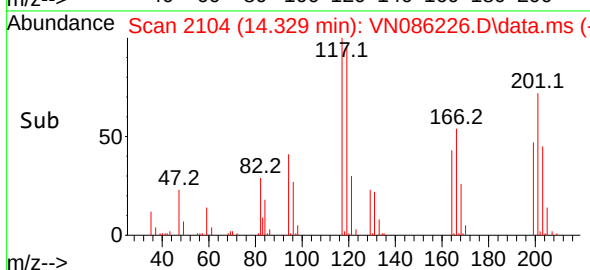
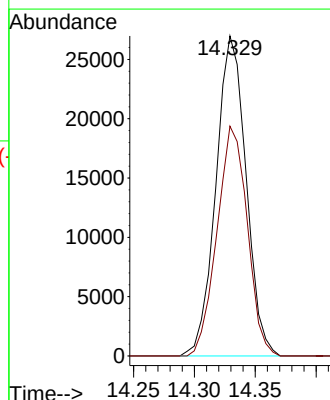
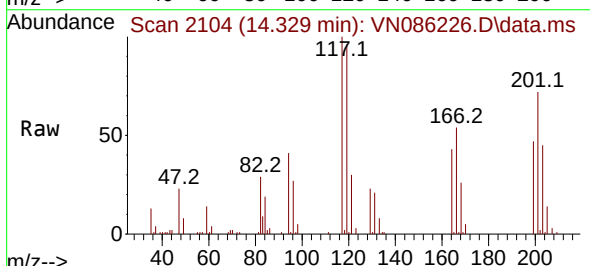
RT: 14.329 min Scan# 2104

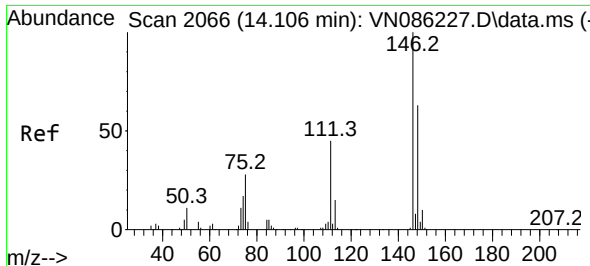
Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Tgt Ion:	117	Resp:	46451
Ion	Ratio	Lower	Upper
117	100		
201	72.1	36.4	109.2





#87

1,2-Dichlorobenzene

Concen: 66.135 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:146 Resp: 14979

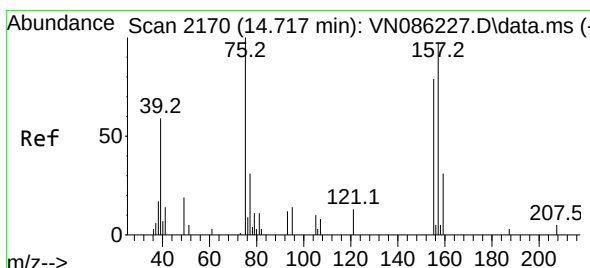
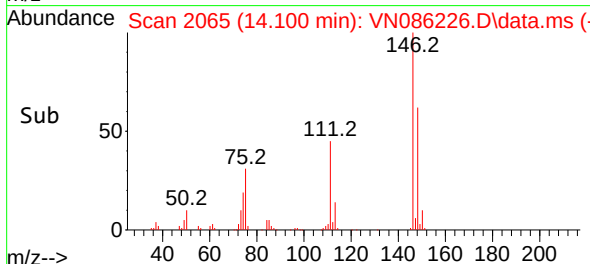
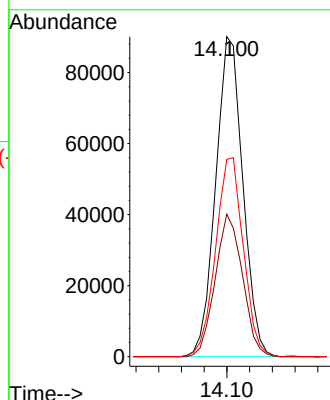
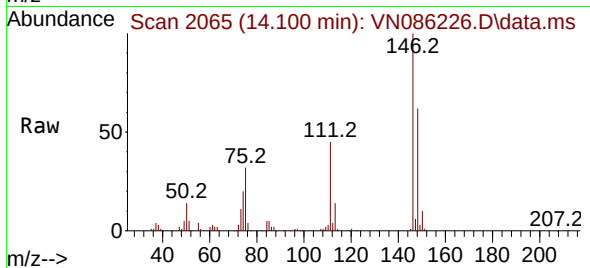
Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.4	67.2
148	63.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 67.235 ug/l

RT: 14.712 min Scan# 2169

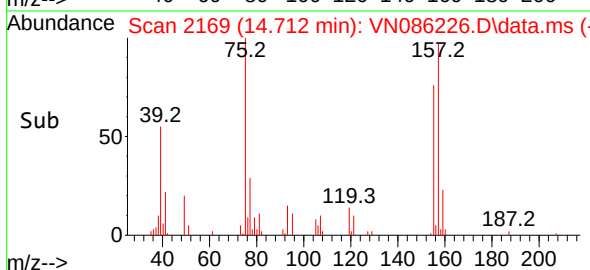
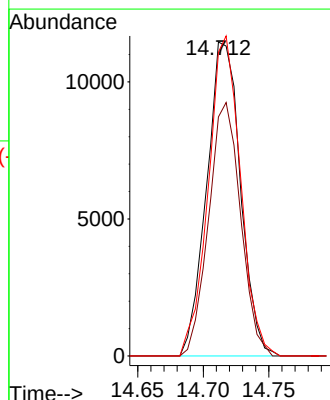
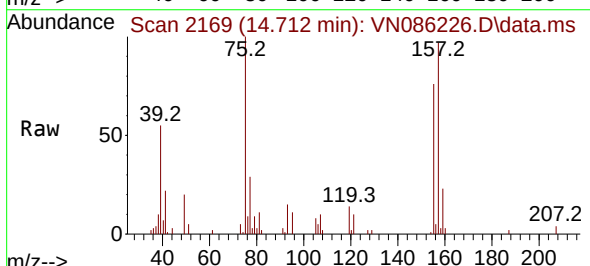
Delta R.T. -0.006 min

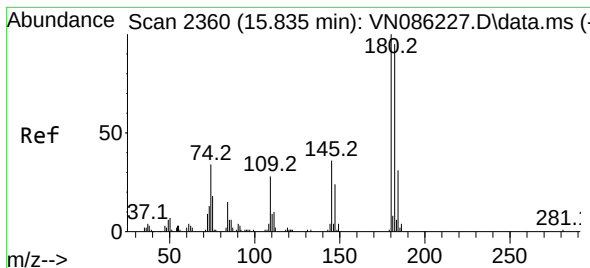
Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Tgt Ion: 75 Resp: 20501

Ion	Ratio	Lower	Upper
75	100		
155	76.5	63.3	94.9
157	97.4	81.3	121.9





#89

1,2,4-Trichlorobenzene

Concen: 67.687 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

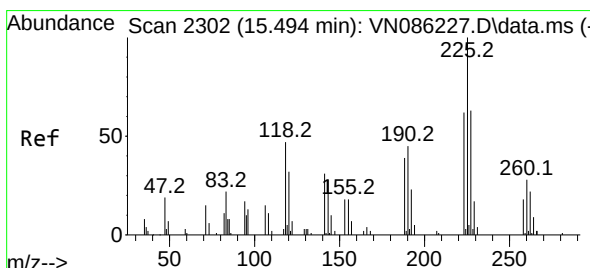
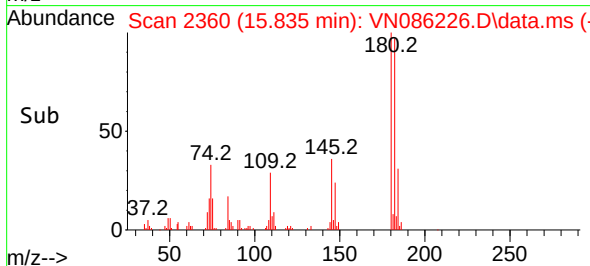
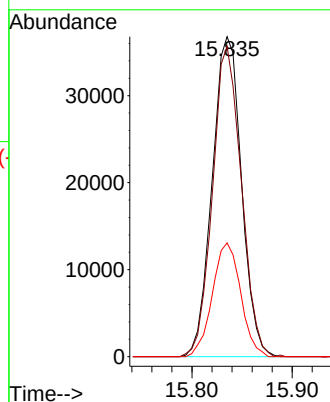
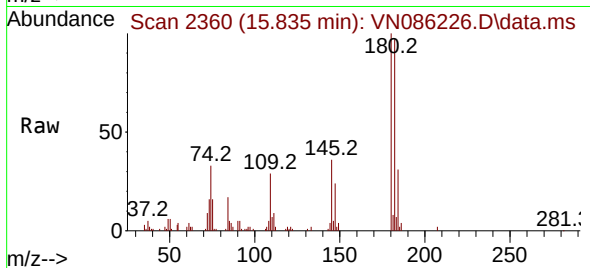
Tgt Ion:180	Resp:	74584
Ion Ratio	Lower	Upper
180	100	
182	95.2	78.6 117.8
145	34.4	27.8 41.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#90

Hexachlorobutadiene

Concen: 70.994 ug/l

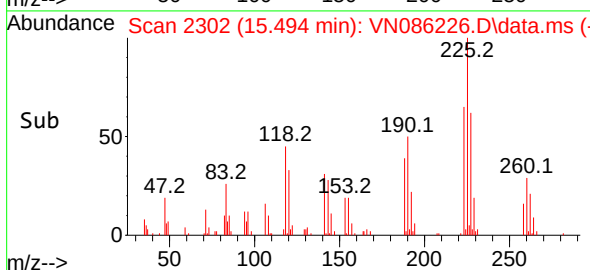
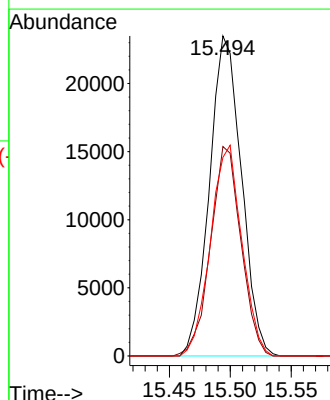
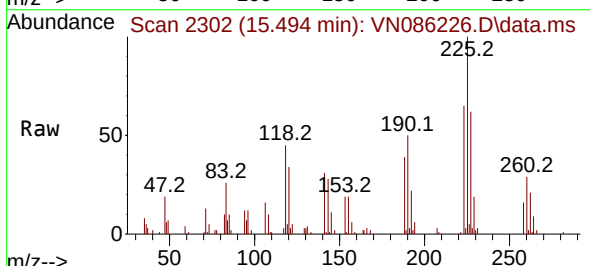
RT: 15.494 min Scan# 2302

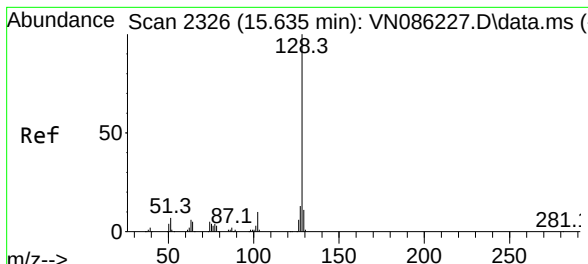
Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

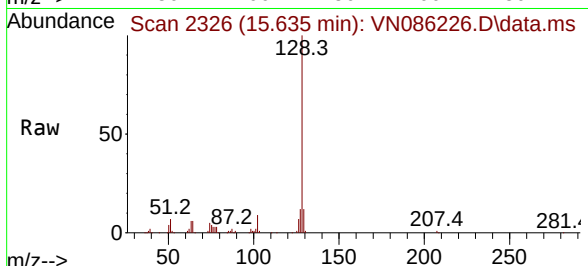
Tgt Ion:225	Resp:	42882
Ion Ratio	Lower	Upper
225	100	
223	62.3	0.0 126.2
227	64.4	0.0 124.6





#91
Naphthalene
Concen: 66.865 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

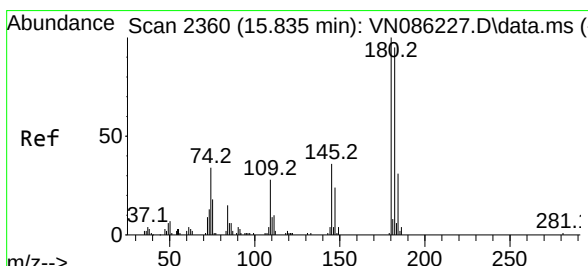
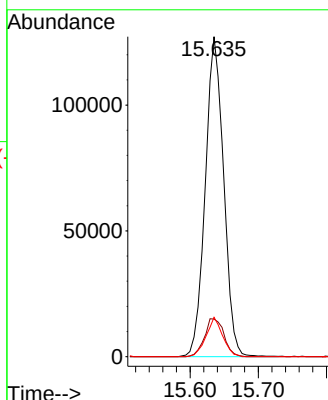
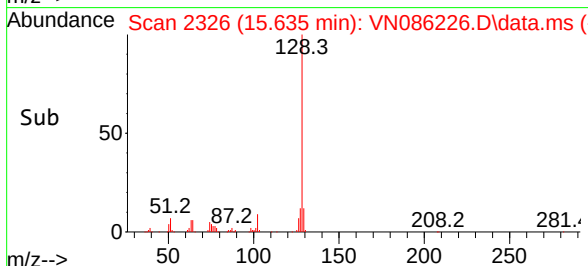
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



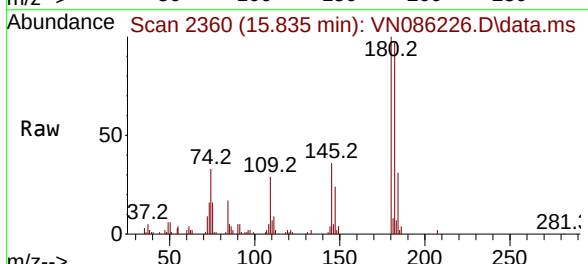
Tgt Ion:128 Resp: 23878
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.1 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#92
1,2,3-Trichlorobenzene
Concen: 67.687 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02



Tgt Ion:180 Resp: 74584
Ion Ratio Lower Upper
180 100
182 95.2 0.0 196.4
145 34.4 0.0 69.4

