

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086380.D
 Acq On : 23 Apr 2025 13:17
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Apr 24 04:26:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 03:57:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.812	128	29674	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	179504	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	166876	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	87437	30.562	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.867%			
60) 4-Bromofluorobenzene	12.847	95	97641	29.770	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.233%			
63) Toluene-d8	10.565	98	276249	30.090	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	107358	52.404	ug/l	97
3) Chloromethane	2.359	50	144331	49.597	ug/l	97
4) Vinyl Chloride	2.518	62	141400	50.732	ug/l	98
5) Bromomethane	2.959	94	72424	49.770	ug/l	98
6) Chloroethane	3.124	64	91726	49.365	ug/l	99
7) Trichlorofluoromethane	3.501	101	162157	49.289	ug/l	100
8) Diethyl Ether	3.959	74	70750	50.946	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	102250	50.555	ug/l	98
10) 1,1-Dichloroethene	4.342	96	102780	49.648	ug/l	98
11) Methyl Iodide	4.589	142	122357	50.515	ug/l	98
12) Methyl Acetate	5.018	43	151436	51.610	ug/l	99
13) Acrolein	4.183	56	29683	249.109	ug/l	99
14) Acrylonitrile	5.712	53	278286	254.827	ug/l	99
15) Acetone	4.424	58	77690	258.174	ug/l	92
16) Carbon Disulfide	4.712	76	274340	50.292	ug/l	99
17) Allyl chloride	5.018	41	163484	49.389	ug/l	98
18) Methylene Chloride	5.277	84	116658	49.484	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	108013	48.952	ug/l	98
20) Diisopropyl ether	6.665	45	393007	49.935	ug/l	97
21) 1,1-Dichloroethane	6.565	63	213535	49.565	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	135327	49.048	ug/l	98
23) tert-Butyl Alcohol	5.506	59	106272m	251.207	ug/l	
24) Methyl tert-Butyl Ether	5.789	73	383808	50.180	ug/l	99
25) Chloroform	7.965	83	214558	49.209	ug/l	98
26) Cyclohexane	8.253	56	188609	49.583	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	155965	49.286	ug/l	99
30) 2-Butanone	7.477	43	383786	249.867	ug/l	99
31) 2,2-Dichloropropane	7.488	77	198189	48.720	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	184336	48.747	ug/l	98
33) Carbon Tetrachloride	8.359	117	152652	49.037	ug/l	96
34) Benzene	8.600	78	490952	48.778	ug/l	97
35) Methacrylonitrile	7.777	41	86813	49.548	ug/l	98
36) 1,2-Dichloroethane	8.665	62	158575	48.526	ug/l	100
37) Trichloroethene	9.347	130	124838	49.545	ug/l	94
38) Methylcyclohexane	9.594	83	181341	49.617	ug/l	100
39) 1,2-Dichloropropane	9.618	63	120306	48.383	ug/l	92
40) Dibromomethane	9.706	93	80581	48.459	ug/l	98
41) Bromodichloromethane	9.882	83	173091	49.189	ug/l	99
42) Vinyl Acetate	6.600	43	1338201	251.508	ug/l	100

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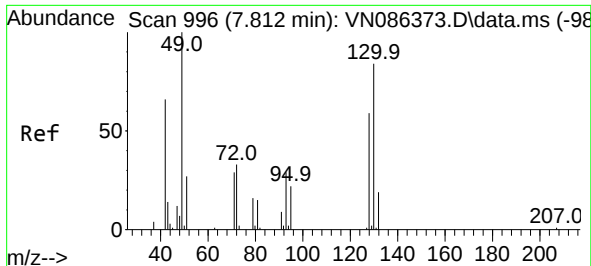
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	144287	47.469	ug/l	98
44) Isopropyl Acetate	8.683	43	280778	48.670	ug/l	100
45) 1,4-Dioxane	9.688	88	46027	1022.574	ug/l	96
46) Methyl methacrylate	9.677	41	131270	49.330	ug/l	98
47) n-amyl Acetate	12.488	43	239987	48.807	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	192520	48.936	ug/l	98
49) cis-1,3-Dichloropropene	10.306	75	203961	49.162	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	112938	48.624	ug/l	97
51) Ethyl methacrylate	10.871	69	200784	49.636	ug/l	99
52) 1,3-Dichloropropane	11.159	76	201557	49.100	ug/l	99
53) Dibromochloromethane	11.353	129	128697	49.346	ug/l	98
54) 1,2-Dibromoethane	11.465	107	115855	49.058	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	471469	247.901	ug/l	99
56) Bromoform	12.576	173	82968	49.022	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	796619	246.686	ug/l	99
59) 2-Hexanone	11.194	43	584307	245.533	ug/l	99
61) Tetrachloroethene	11.100	164	122738	48.223	ug/l	95
62) Toluene	10.624	91	545929	48.875	ug/l	100
64) Chlorobenzene	11.888	112	339409	48.765	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	113702	48.858	ug/l	99
66) Ethyl Benzene	11.959	91	612399	48.707	ug/l	100
67) m/p-Xylenes	12.065	106	462741	96.999	ug/l	99
68) o-Xylene	12.394	106	226822	48.560	ug/l	98
69) Styrene	12.406	104	389200	49.159	ug/l	100
70) Isopropylbenzene	12.694	105	570012	48.886	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	149879	48.818	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	132411m	49.772	ug/l	
73) Bromobenzene	12.976	156	131410	49.022	ug/l	99
74) n-propylbenzene	13.029	91	685930	49.506	ug/l	100
75) 2-Chlorotoluene	13.123	91	422956	48.900	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	471082	49.239	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	66192	48.728	ug/l	99
78) 4-Chlorotoluene	13.218	91	424764	49.115	ug/l	100
79) tert-butylbenzene	13.435	119	401738	49.030	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	481487	49.278	ug/l	98
81) sec-Butylbenzene	13.612	105	576401	49.282	ug/l	99
82) p-Isopropyltoluene	13.723	119	486348	49.693	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	253600	50.046	ug/l	98
84) 1,4-Dichlorobenzene	13.806	146	247938	49.523	ug/l	99
85) n-Butylbenzene	14.053	91	437654	50.116	ug/l	99
86) Hexachloroethane	14.329	117	78086	48.794	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	239253	49.621	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	31467	50.425	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	115517	52.567	ug/l	99
90) Hexachlorobutadiene	15.494	225	45907	51.862	ug/l	98
91) Naphthalene	15.635	128	416250	52.908	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	115517	52.567	ug/l	99

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



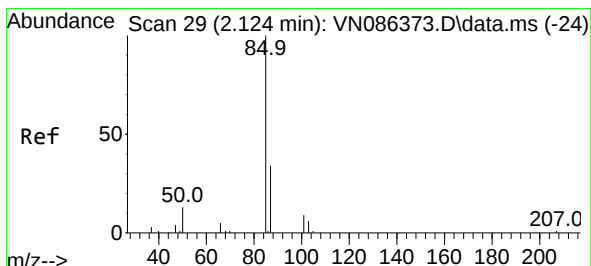
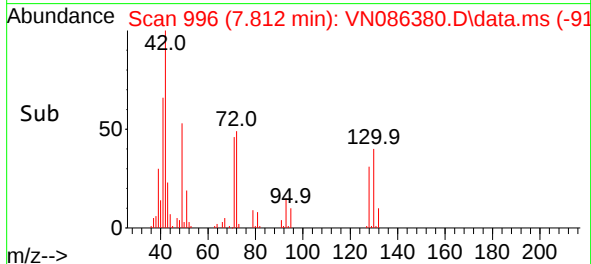
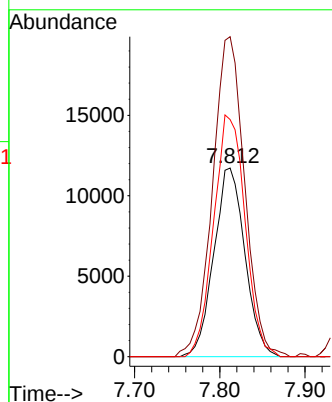
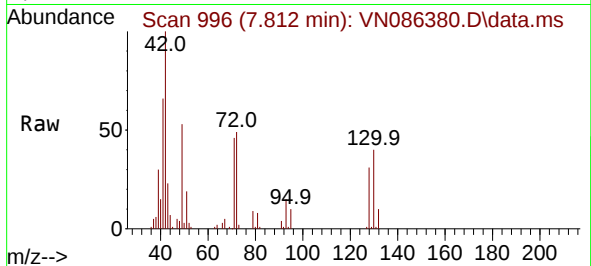
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 29674
Ion Ratio Lower Upper
128 100
49 175.4 0.0 433.8
130 129.9 0.0 325.0

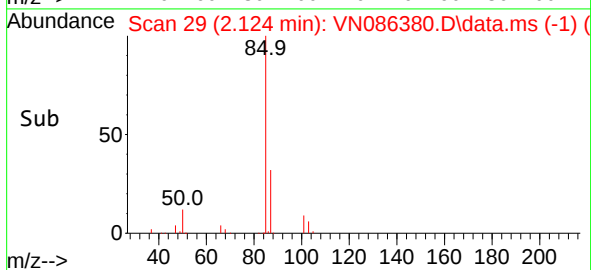
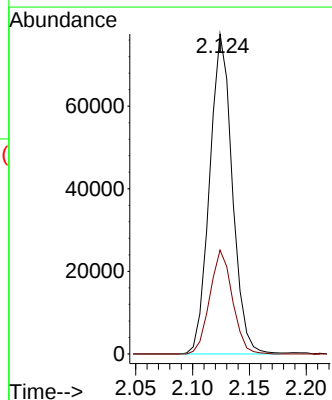
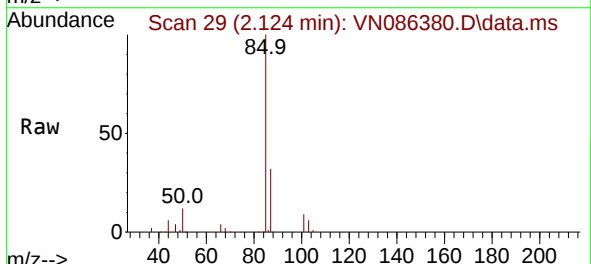
Manual Integrations
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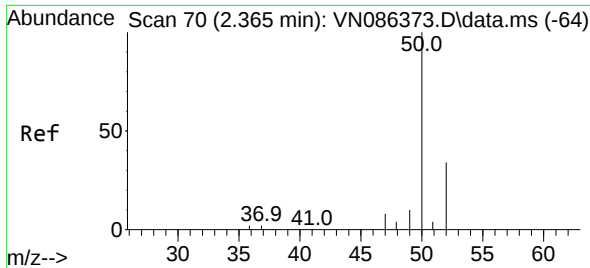
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#2
Dichlorodifluoromethane
Concen: 52.404 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion: 85 Resp: 107358
Ion Ratio Lower Upper
85 100
87 32.5 17.0 50.9





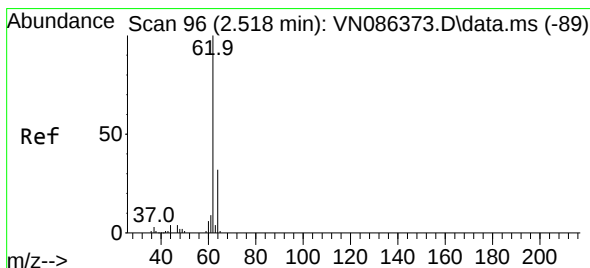
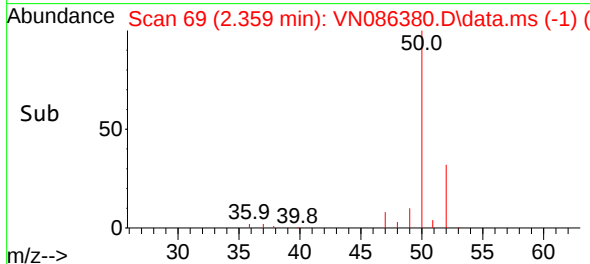
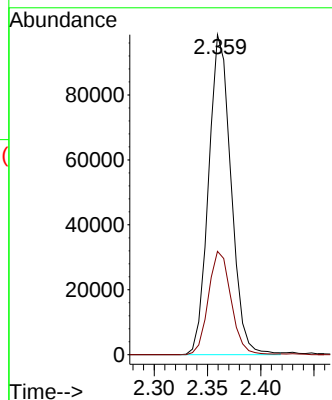
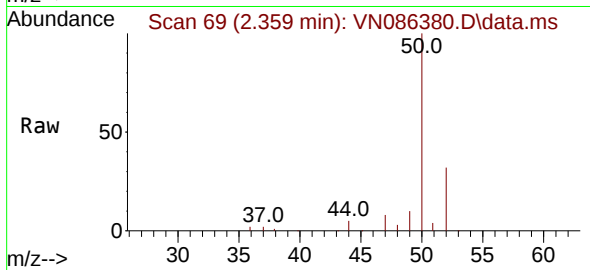
#3
Chloromethane
Concen: 49.597 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 50 Resp: 14433
Ion Ratio Lower Upper
50 100
52 32.3 27.3 40.9

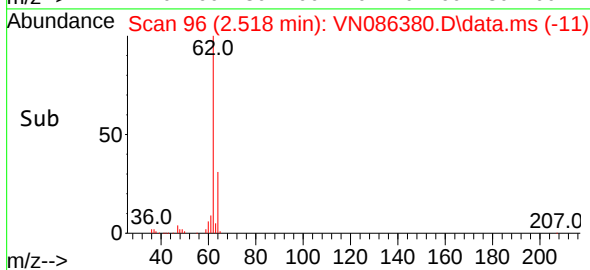
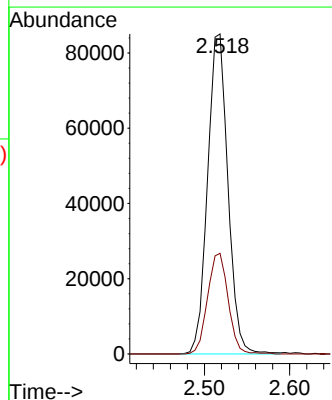
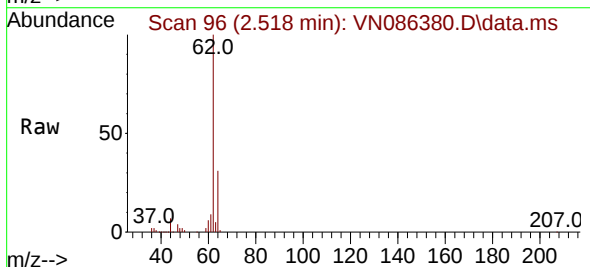
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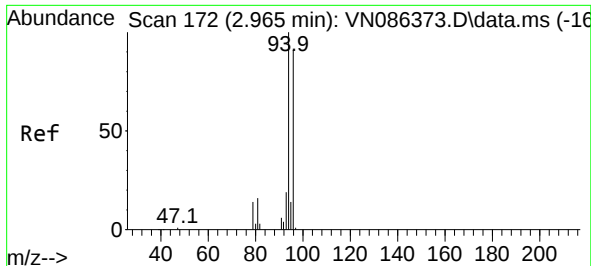
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#4
Vinyl Chloride
Concen: 50.732 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion: 62 Resp: 141400
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.8





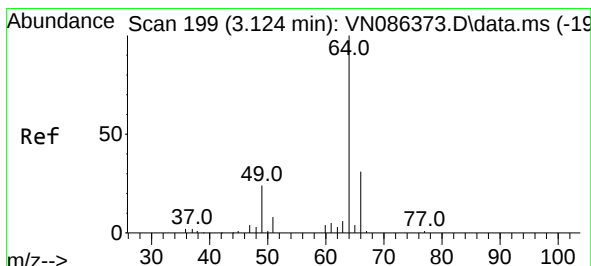
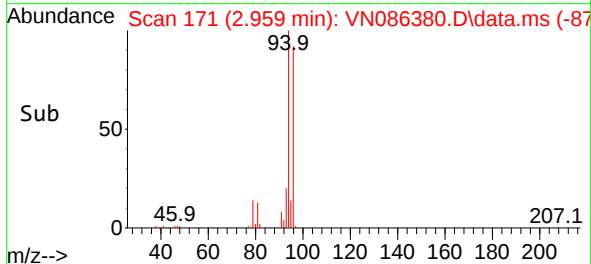
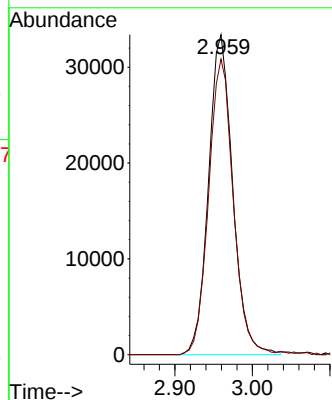
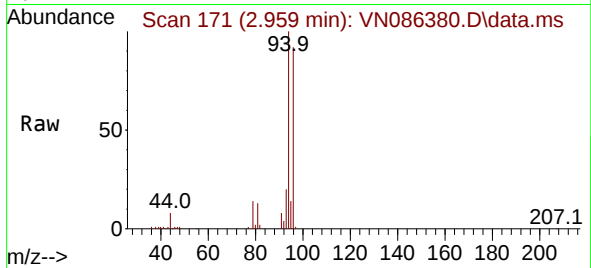
#5
Bromomethane
Concen: 49.770 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 72424
Ion Ratio Lower Upper
94 100
96 92.4 72.4 108.6

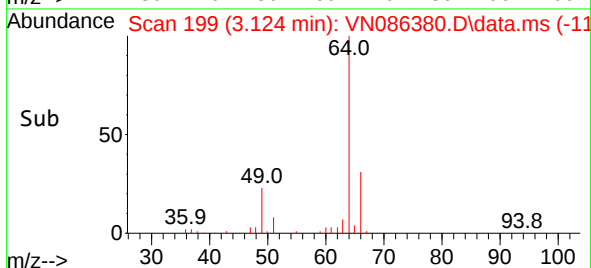
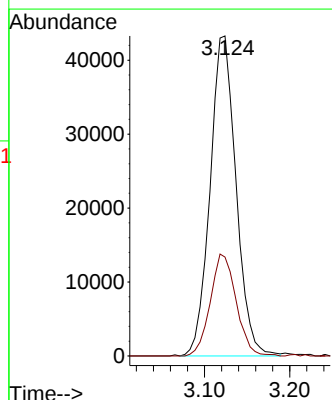
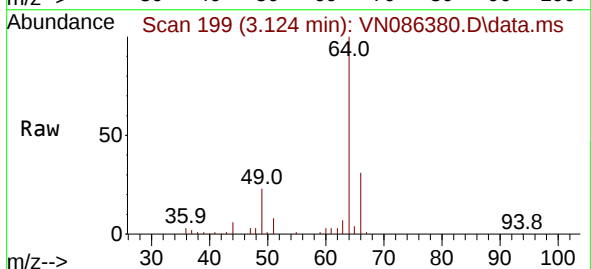
Manual Integrations
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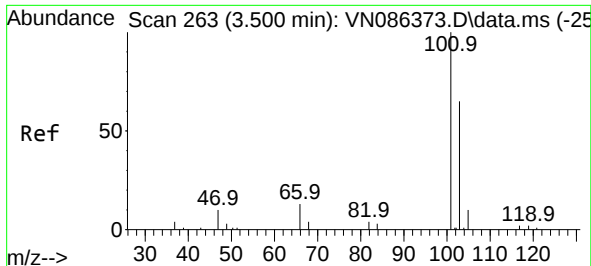
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#6
Chloroethane
Concen: 49.365 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

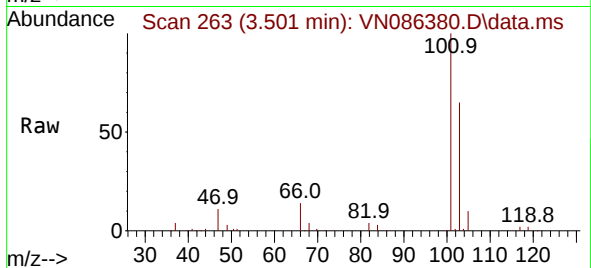
Tgt Ion: 64 Resp: 91726
Ion Ratio Lower Upper
64 100
66 30.9 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 49.289 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086380.D
 Acq: 23 Apr 2025 13:17

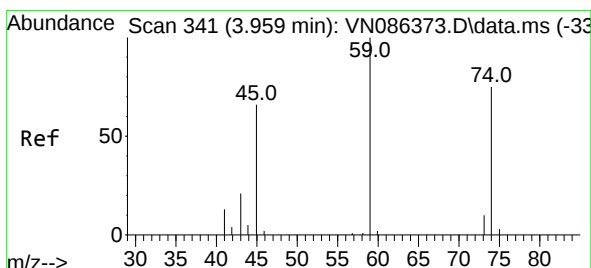
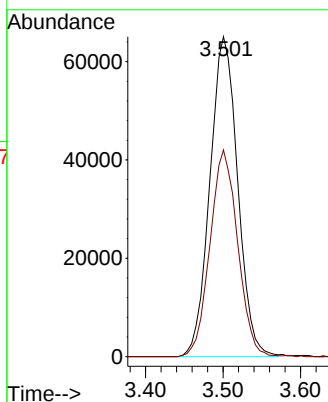
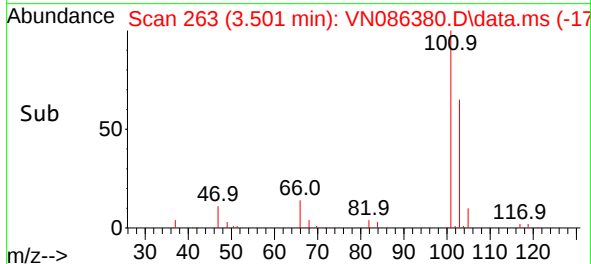
Instrument :
 MSVOA_N
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 VSTDIC050



Tgt Ion:101 Resp: 16215
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.8 77.6

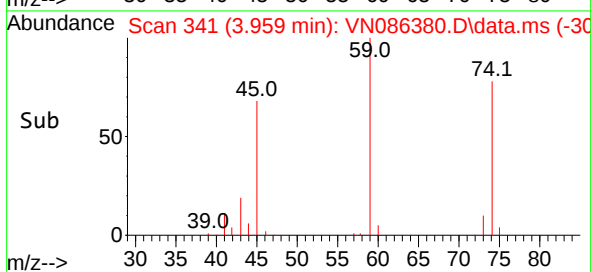
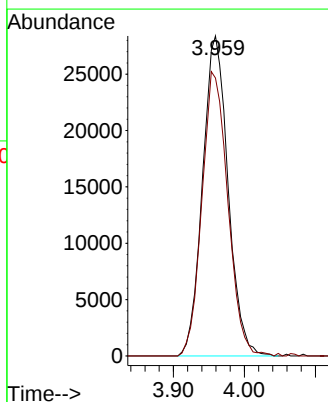
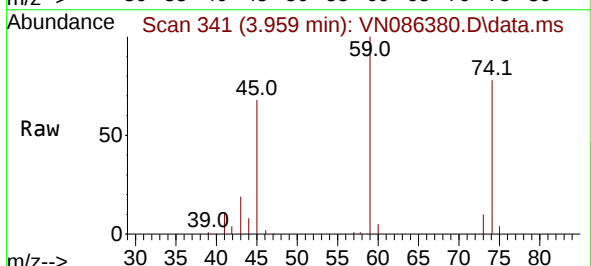
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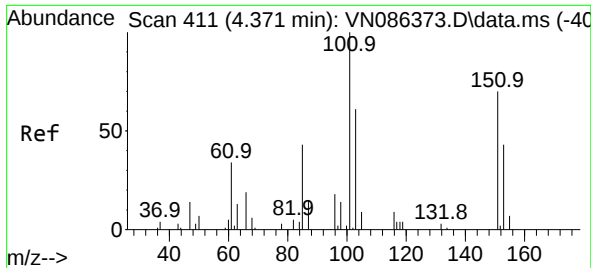
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#8
 Diethyl Ether
 Concen: 50.946 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086380.D
 Acq: 23 Apr 2025 13:17

Tgt Ion: 74 Resp: 70750
 Ion Ratio Lower Upper
 74 100
 45 89.9 18.5 166.3





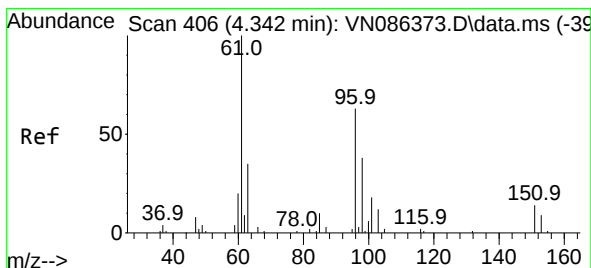
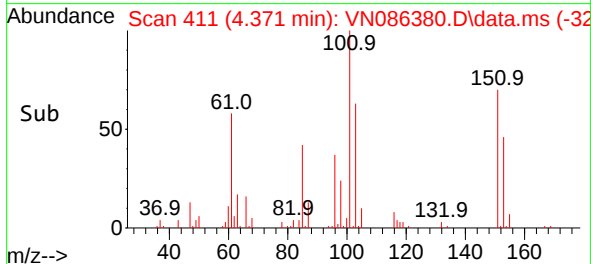
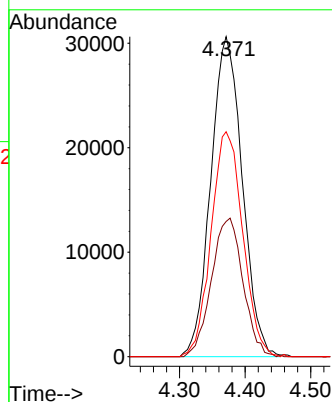
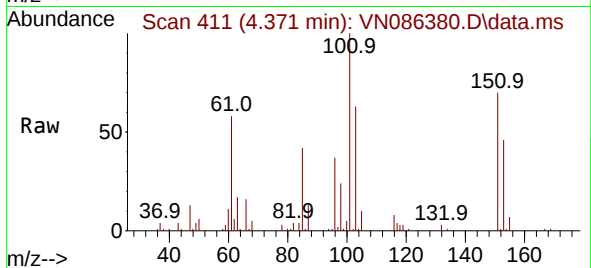
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1,1,2-Trichlorotrifluoroethane
Concen: 50.555 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 102250
Ion Ratio Lower Upper
101 100
85 43.3 0.0 84.4
151 70.5 0.0 145.8

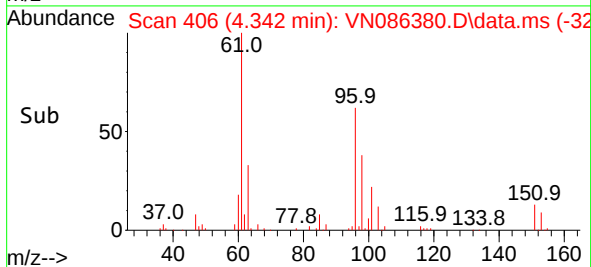
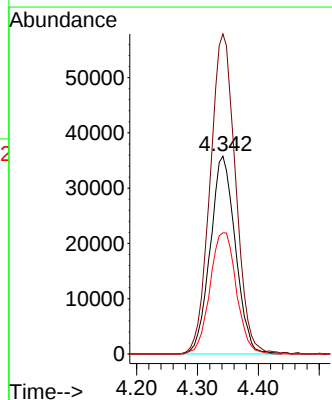
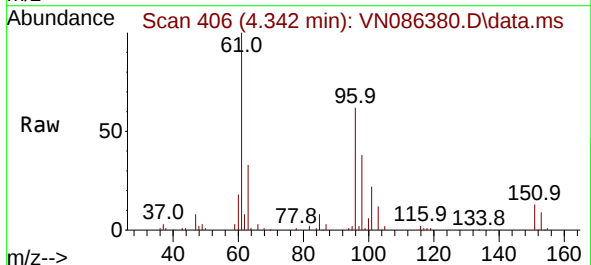
Manual Integrations
APPROVED

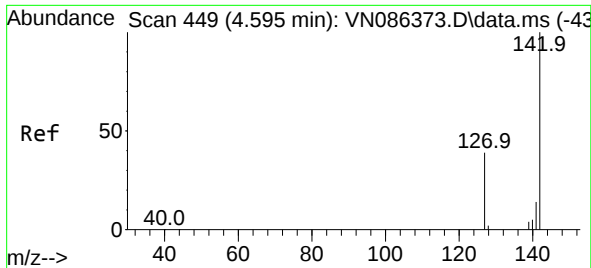
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#10
1,1-Dichloroethene
Concen: 49.648 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion: 96 Resp: 102780
Ion Ratio Lower Upper
96 100
61 161.9 126.2 189.4
98 61.3 48.5 72.7





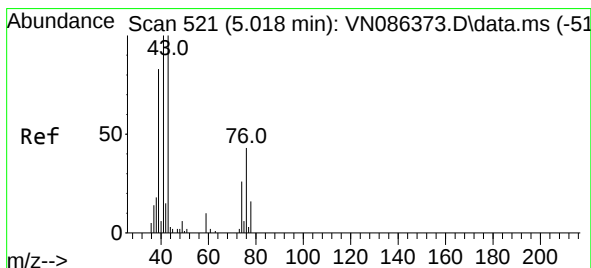
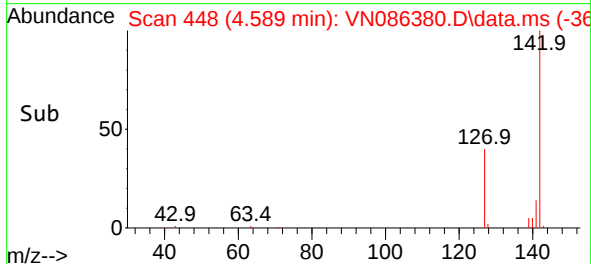
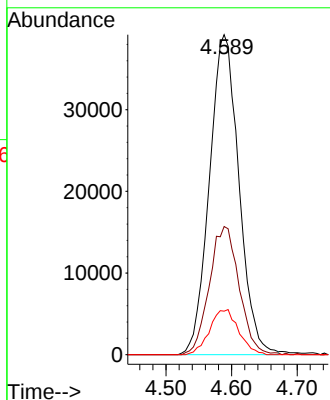
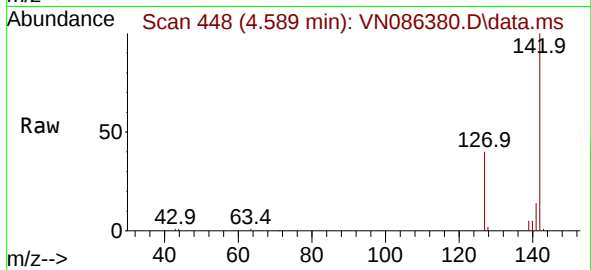
#11
Methyl Iodide
Concen: 50.515 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC050

Tgt Ion:142 Resp: 12235
Ion Ratio Lower Upper
142 100
127 40.0 19.3 57.9
141 13.7 7.1 21.3

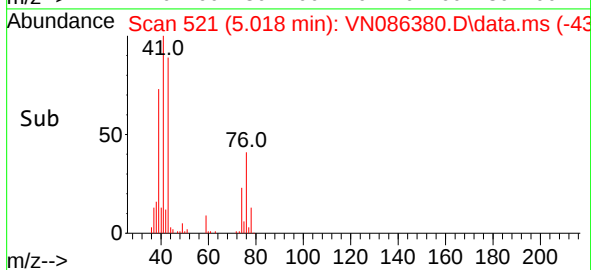
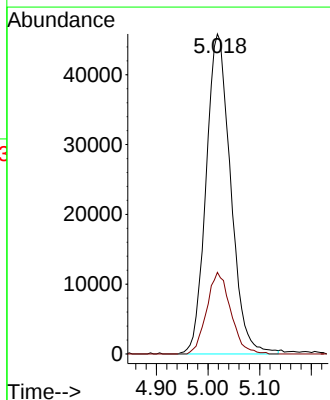
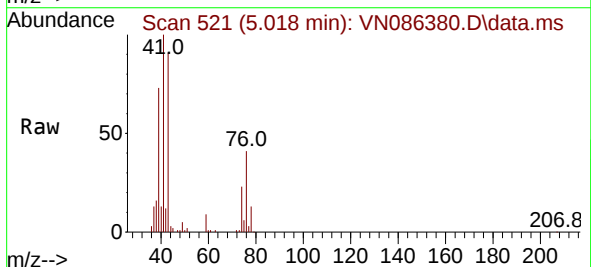
Manual Integrations
APPROVED

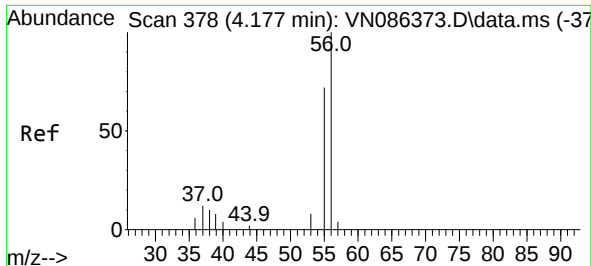
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#12
Methyl Acetate
Concen: 51.610 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

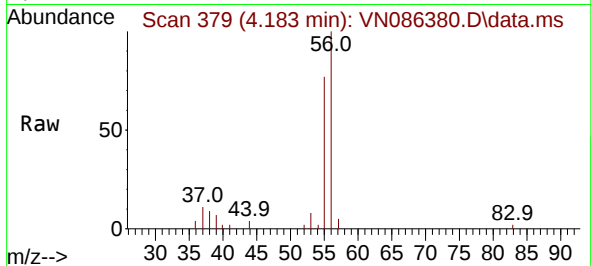
Tgt Ion: 43 Resp: 151436
Ion Ratio Lower Upper
43 100
74 25.6 20.8 31.2





#13
Acrolein
Concen: 249.109 ug/l
RT: 4.183 min Scan# 311
Delta R.T. 0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

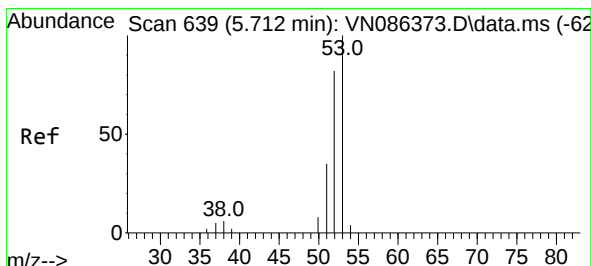
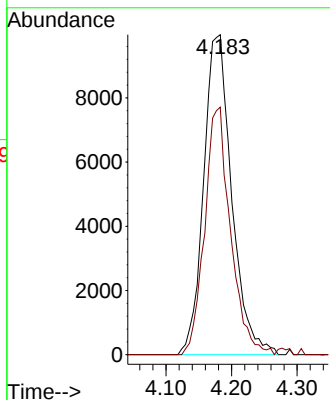
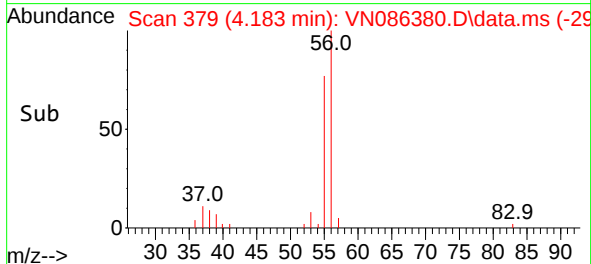
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 56 Resp: 2968
Ion Ratio Lower Upper
56 100
55 70.9 56.1 84.1

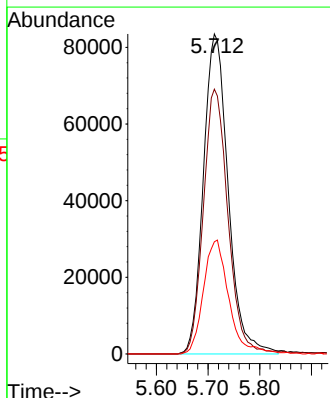
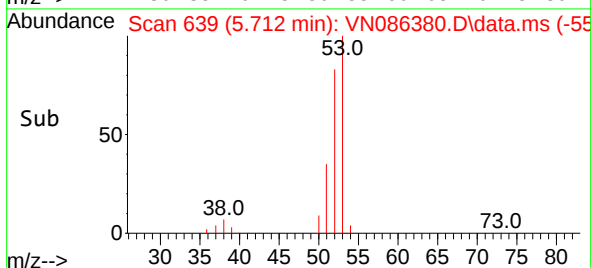
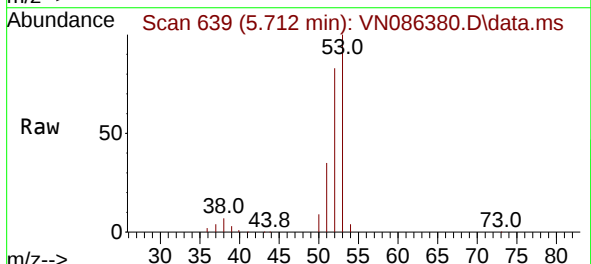
Manual Integrations
APPROVED

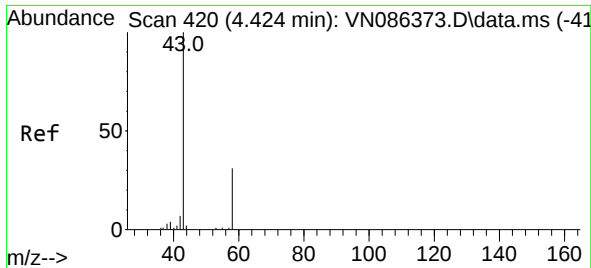
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#14
Acrylonitrile
Concen: 254.827 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion: 53 Resp: 278286
Ion Ratio Lower Upper
53 100
52 81.1 41.2 123.6
51 35.1 17.6 52.8





#15

Acetone

Concen: 258.174 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086380.D

Acq: 23 Apr 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 58 Resp: 77690

Ion Ratio Lower Upper

58 100

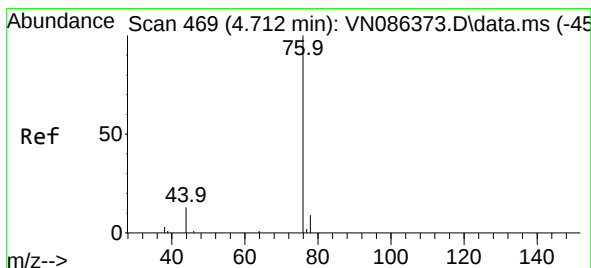
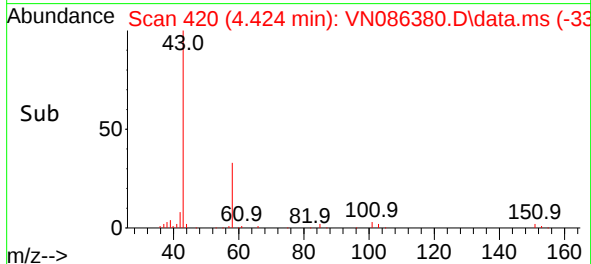
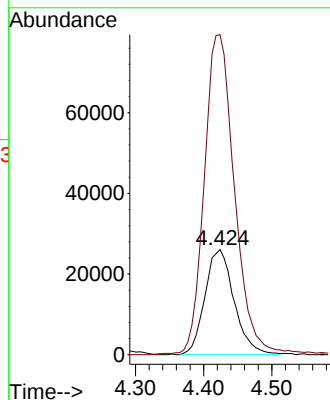
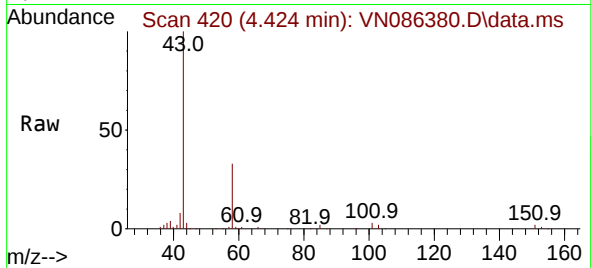
43 302.5 255.1 382.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#16

Carbon Disulfide

Concen: 50.292 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086380.D

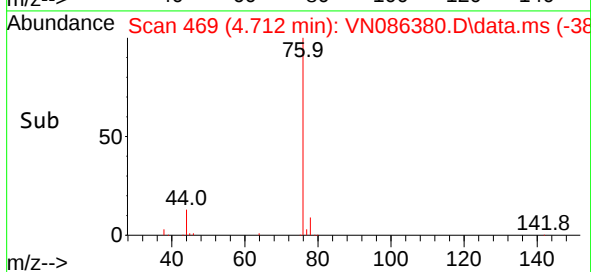
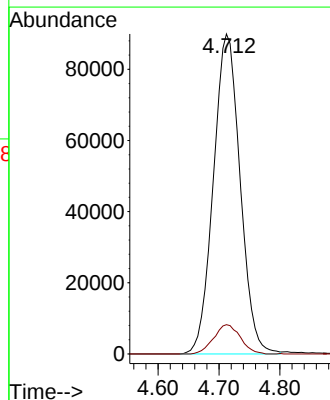
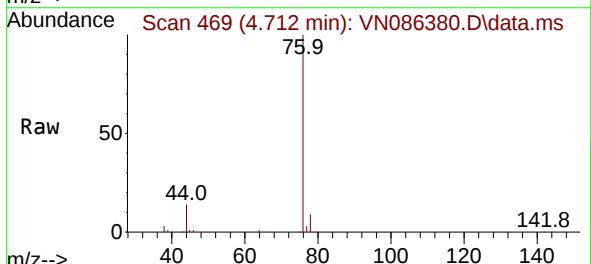
Acq: 23 Apr 2025 13:17

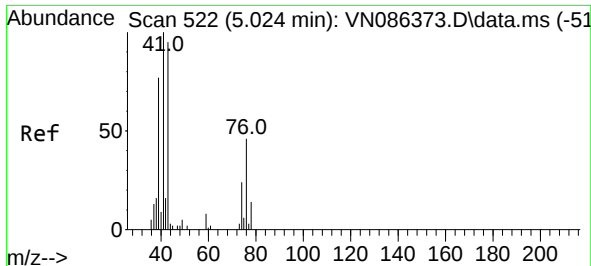
Tgt Ion: 76 Resp: 274340

Ion Ratio Lower Upper

76 100

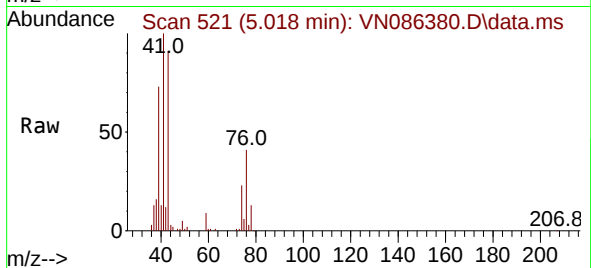
78 9.1 7.1 10.7





#17
 Allyl chloride
 Concen: 49.389 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086380.D
 Acq: 23 Apr 2025 13:17

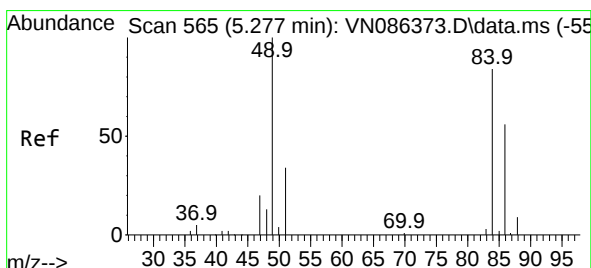
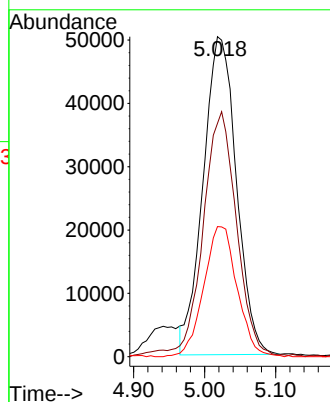
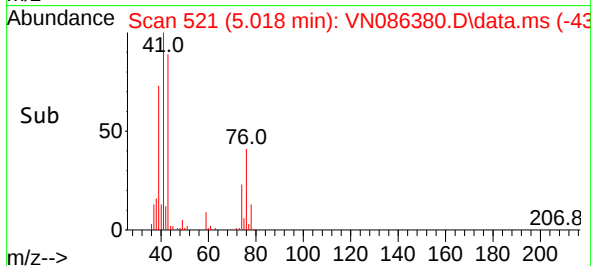
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 41 Resp: 163484
 Ion Ratio Lower Upper
 41 100
 39 72.9 36.7 110.1
 76 40.6 21.8 65.4

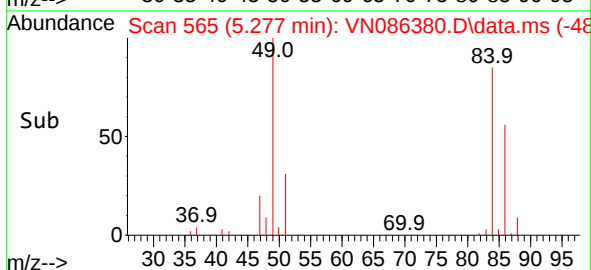
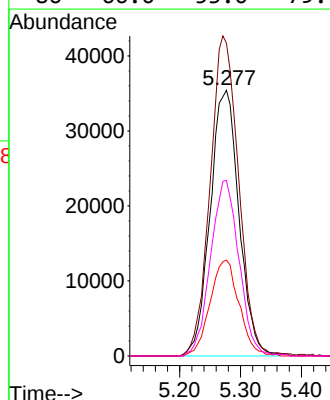
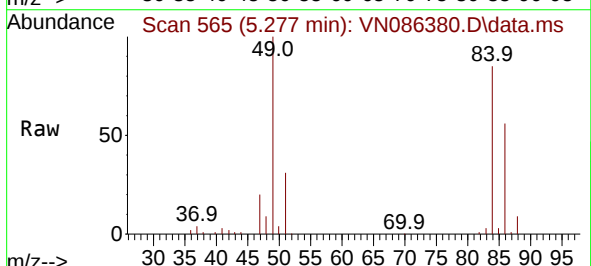
Manual Integrations
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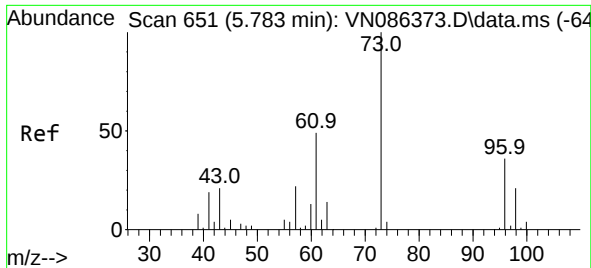
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#18
 Methylene Chloride
 Concen: 49.484 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086380.D
 Acq: 23 Apr 2025 13:17

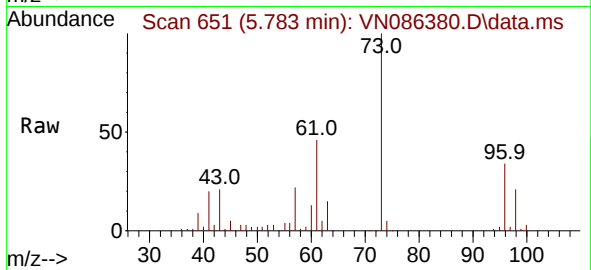
Tgt Ion: 84 Resp: 116658
 Ion Ratio Lower Upper
 84 100
 49 117.7 95.4 143.0
 51 36.1 32.8 49.2
 86 66.0 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 48.952 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

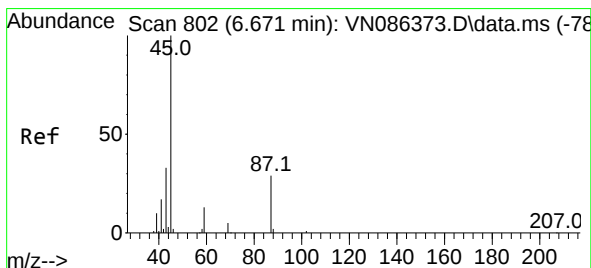
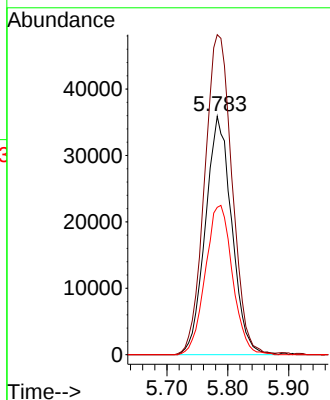
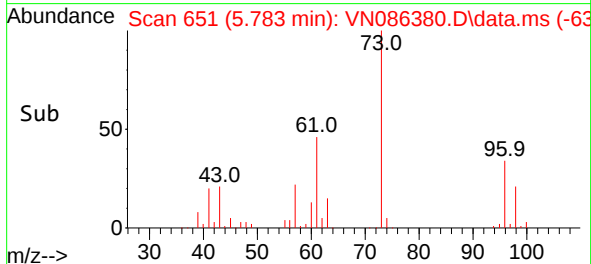
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 96 Resp: 10801
Ion Ratio Lower Upper
96 100
61 133.8 107.3 160.9
98 61.8 46.7 70.1

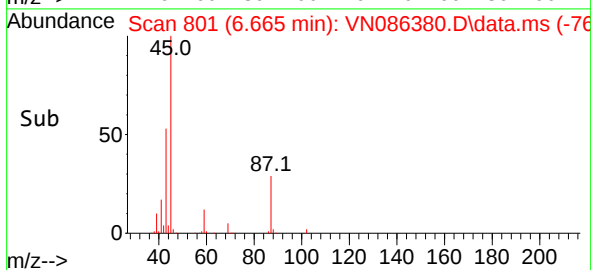
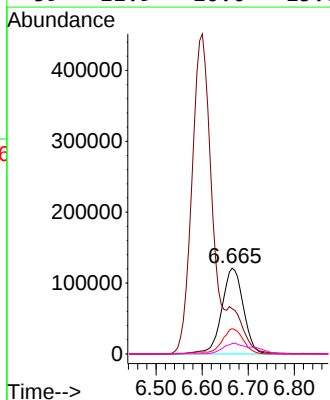
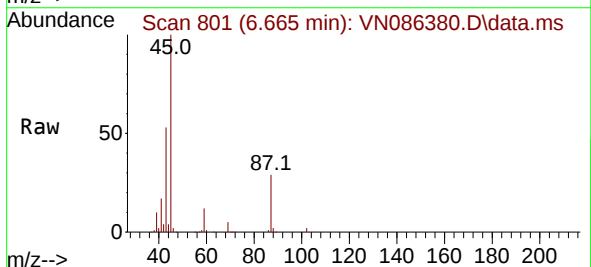
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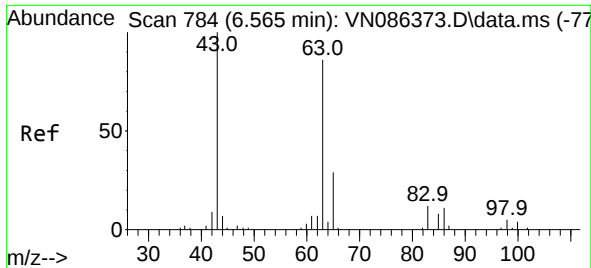
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Diisopropyl ether
Concen: 49.935 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion: 45 Resp: 393007
Ion Ratio Lower Upper
45 100
43 51.6 38.8 58.2
87 29.4 23.5 35.3
59 11.9 10.0 15.0





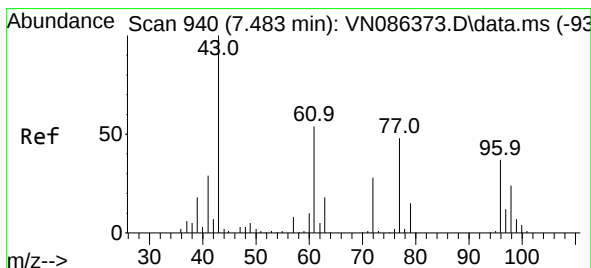
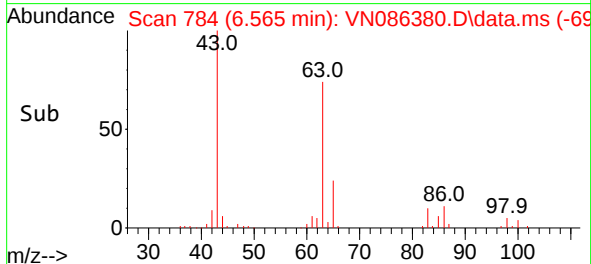
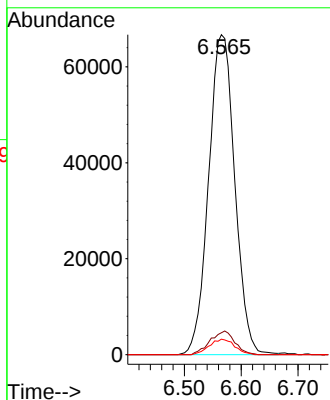
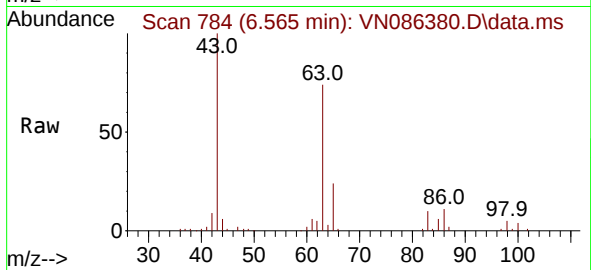
#21
1,1-Dichloroethane
Concen: 49.565 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 21353
Ion Ratio Lower Upper
63 100
98 6.9 3.0 9.2
100 4.8 2.3 6.8

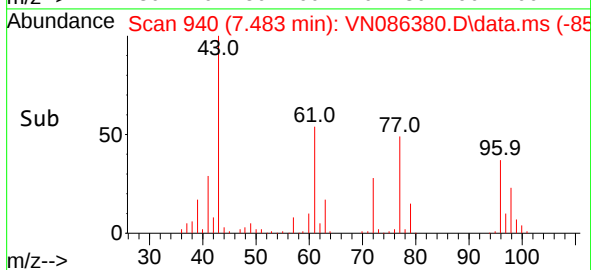
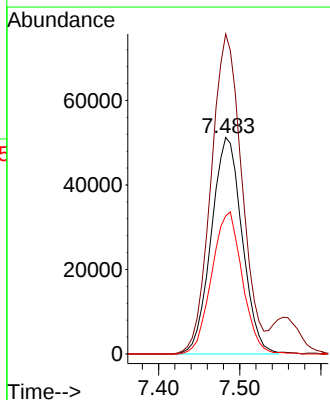
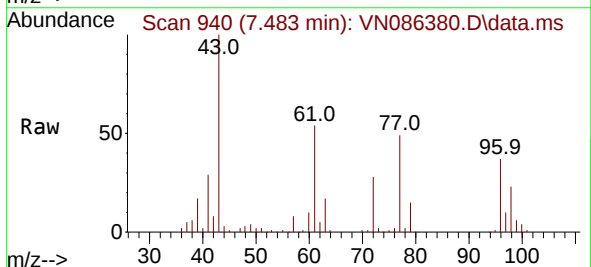
Manual Integrations
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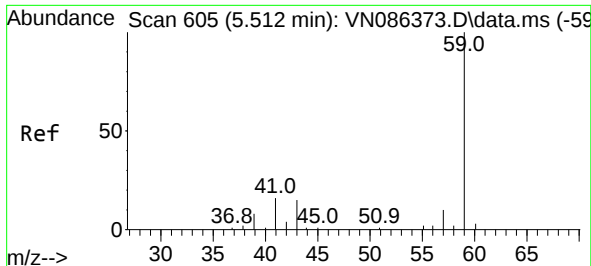
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#22
cis-1,2-Dichloroethene
Concen: 49.048 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

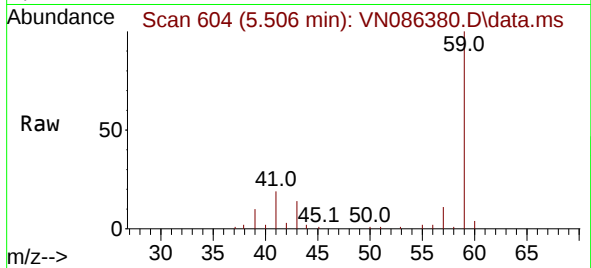
Tgt Ion: 96 Resp: 135327
Ion Ratio Lower Upper
96 100
61 147.5 120.6 181.0
98 64.9 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 251.207 ug/l m
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

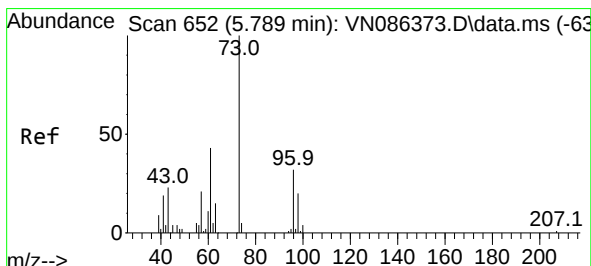
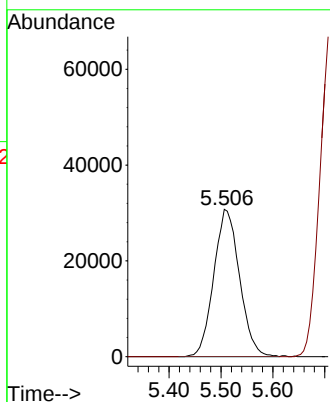
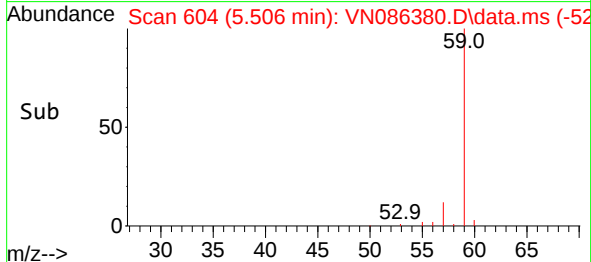
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 59 Resp: 106272
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

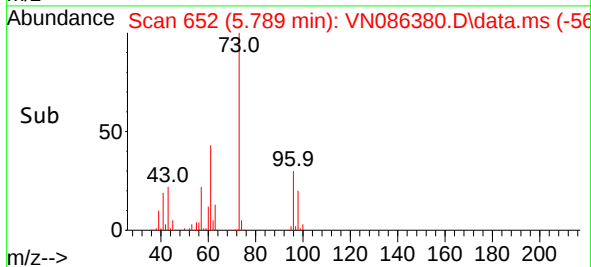
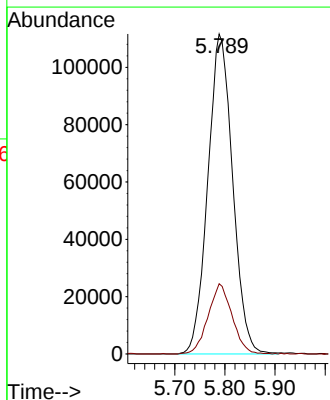
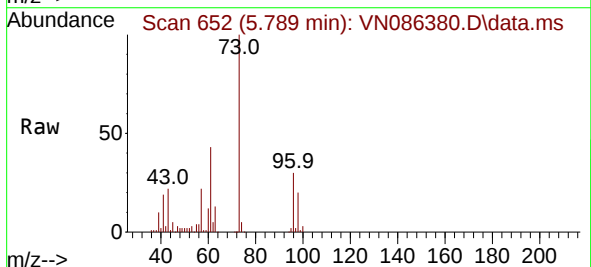
Manual Integrations
APPROVED

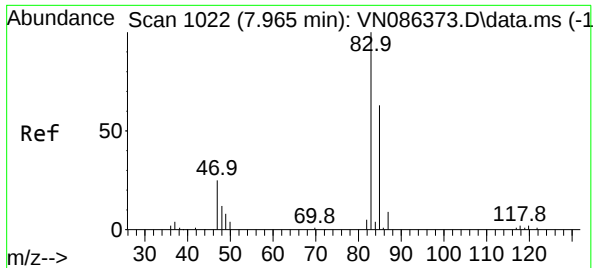
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#24
Methyl tert-Butyl Ether
Concen: 50.180 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion: 73 Resp: 383808
Ion Ratio Lower Upper
73 100
43 21.1 17.1 25.7





#25

Chloroform

Concen: 49.209 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086380.D

Acq: 23 Apr 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 83 Resp: 214558

Ion Ratio Lower Upper

83 100

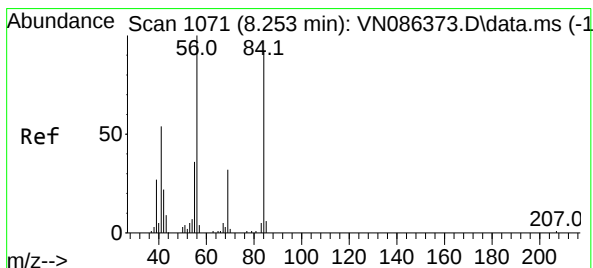
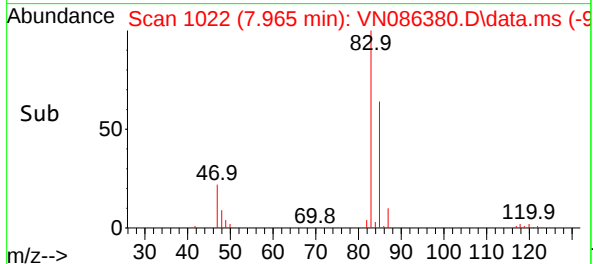
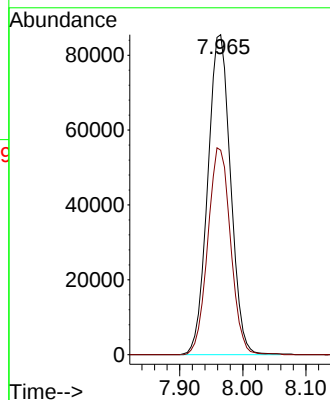
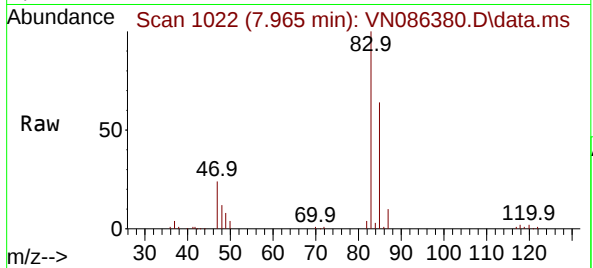
85 63.9 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#26

Cyclohexane

Concen: 49.583 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086380.D

Acq: 23 Apr 2025 13:17

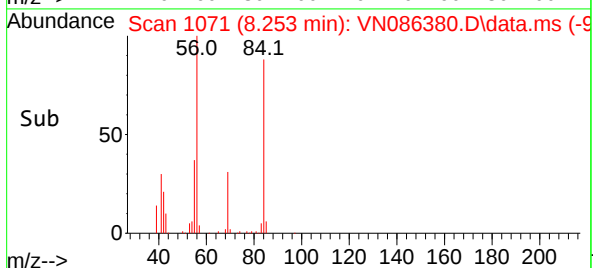
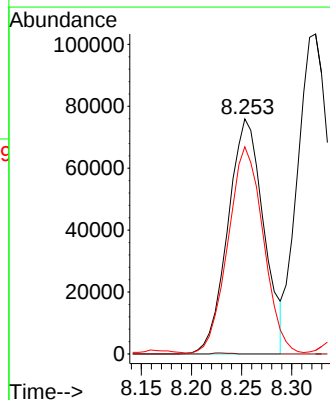
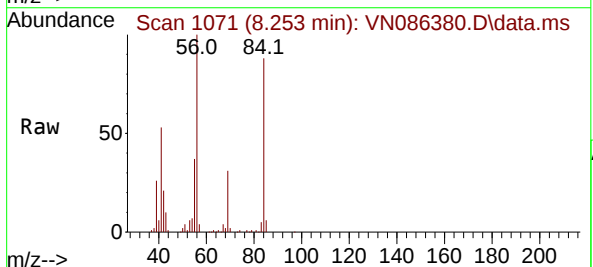
Tgt Ion: 56 Resp: 188609

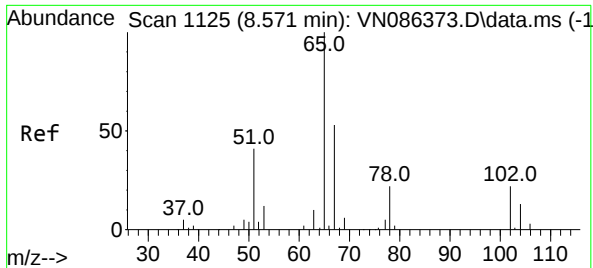
Ion Ratio Lower Upper

56 100

89 0.2 0.0 0.0#

84 87.3 71.5 107.3





#27
1,2-Dichloroethane-d4
Concen: 30.562 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

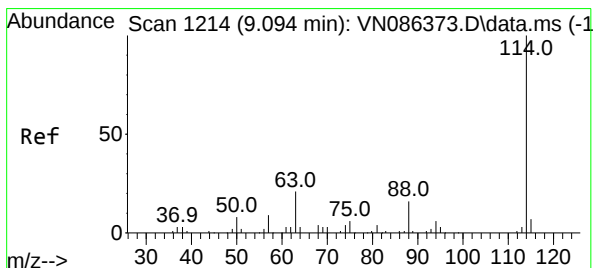
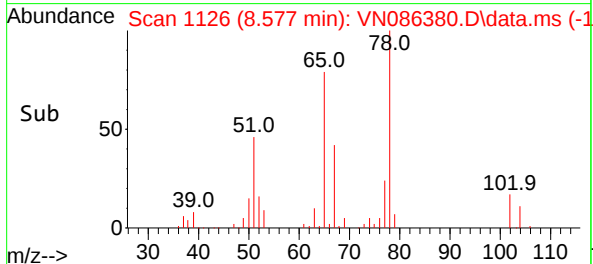
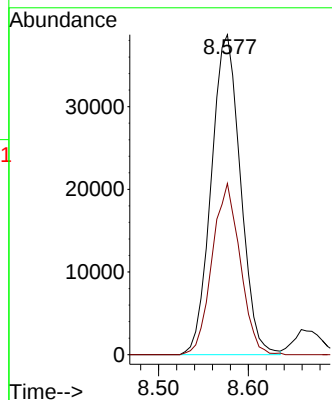
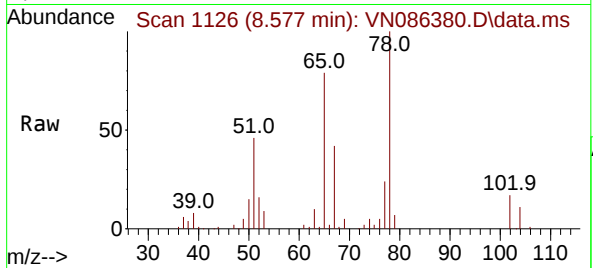
VSTDIC050

Tgt Ion: 65 Resp: 8743
Ion Ratio Lower Upper
65 100
67 51.2 42.5 63.7

Manual Integrations

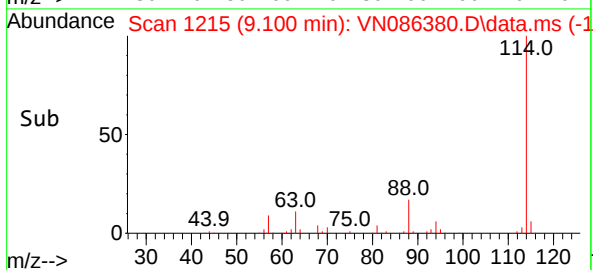
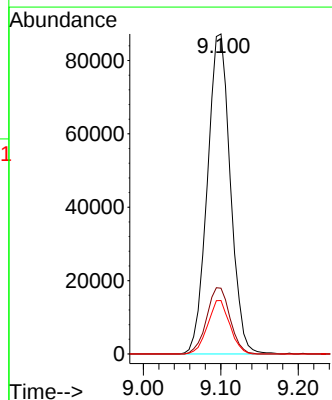
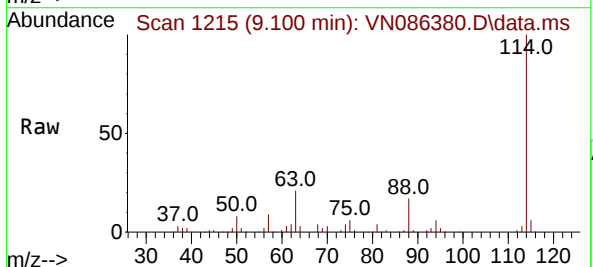
APPROVED

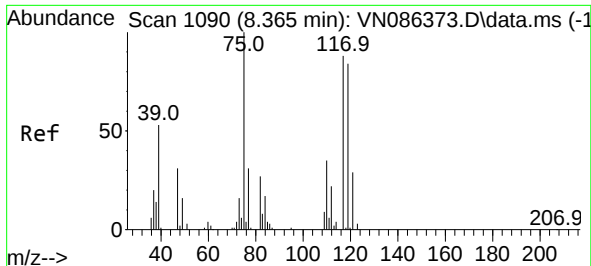
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion:114 Resp: 179504
Ion Ratio Lower Upper
114 100
63 21.0 16.7 25.1
88 16.1 12.6 19.0





#29

1,1-Dichloropropene

Concen: 49.286 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN086380.D

Acq: 23 Apr 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 15596

Ion Ratio Lower Upper

75 100

110 34.1 0.0 68.0

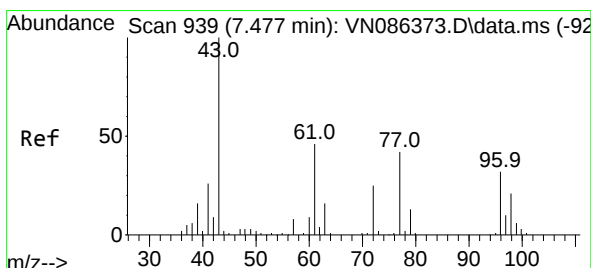
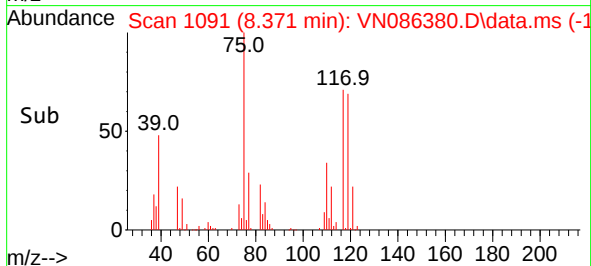
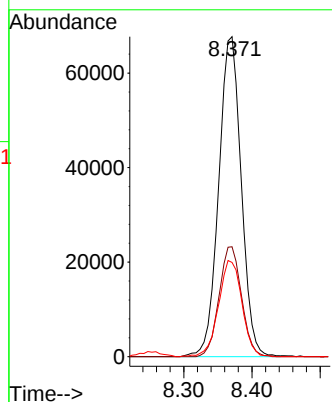
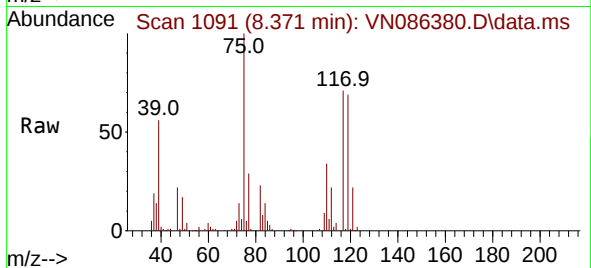
77 31.2 0.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#30

2-Butanone

Concen: 249.867 ug/l

RT: 7.477 min Scan# 939

Delta R.T. 0.000 min

Lab File: VN086380.D

Acq: 23 Apr 2025 13:17

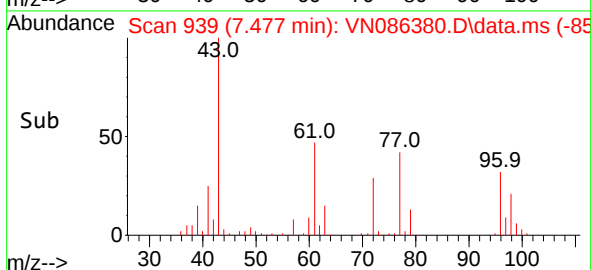
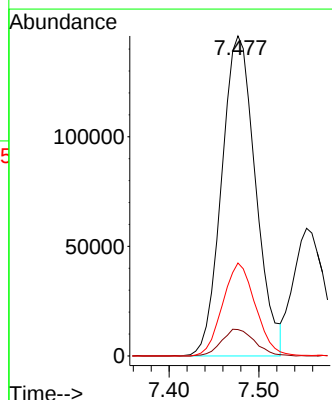
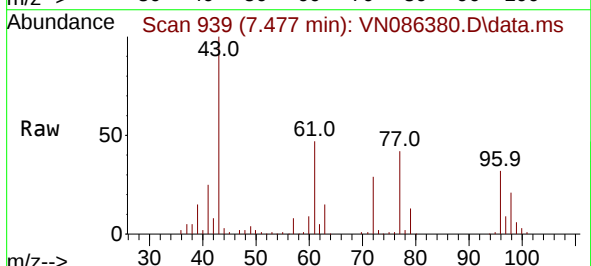
Tgt Ion: 43 Resp: 383786

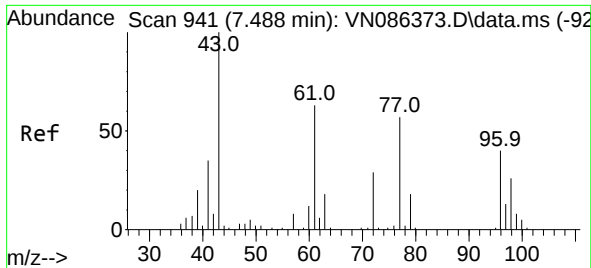
Ion Ratio Lower Upper

43 100

57 8.2 6.6 10.0

72 28.1 22.2 33.4





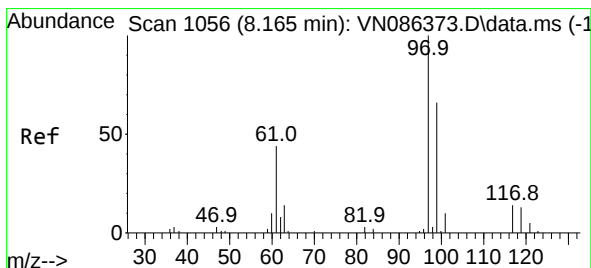
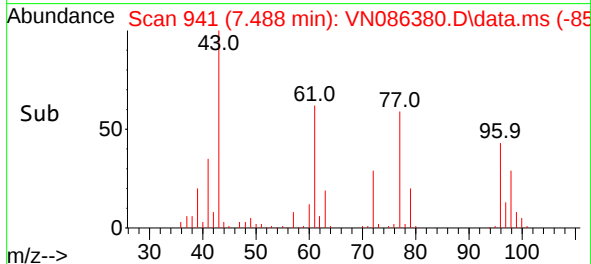
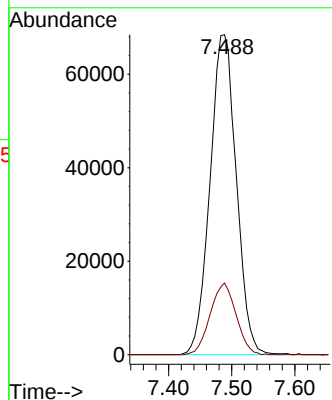
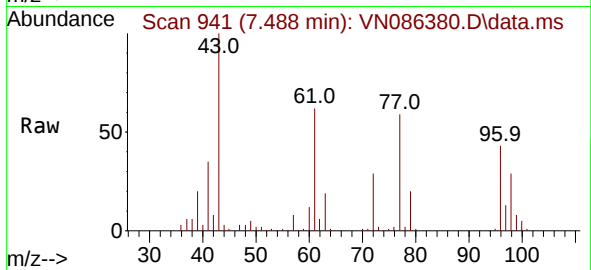
#31
2,2-Dichloropropane
Concen: 48.720 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 77 Resp: 198189
Ion Ratio Lower Upper
77 100
97 22.0 18.2 27.2

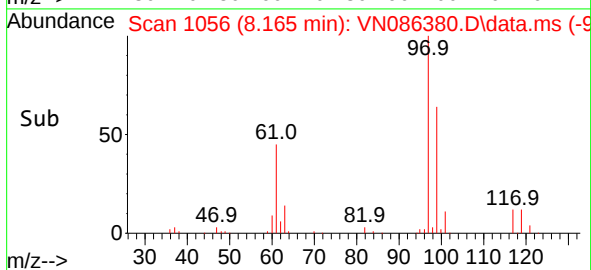
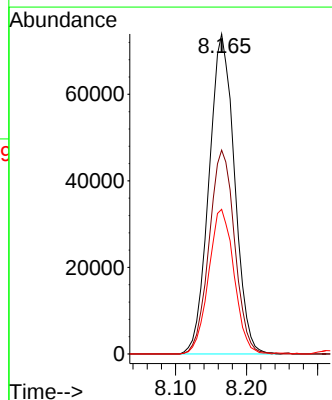
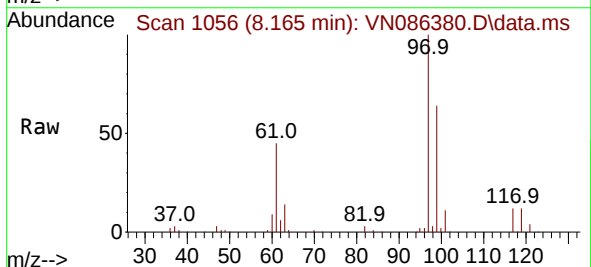
Manual Integrations
APPROVED

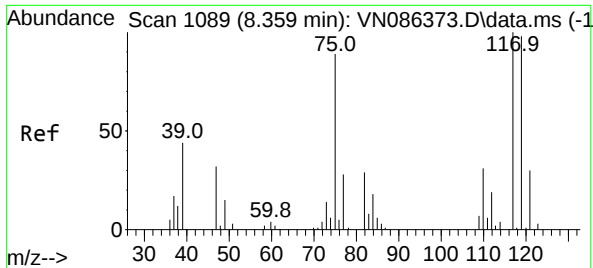
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#32
1,1,1-Trichloroethane
Concen: 48.747 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

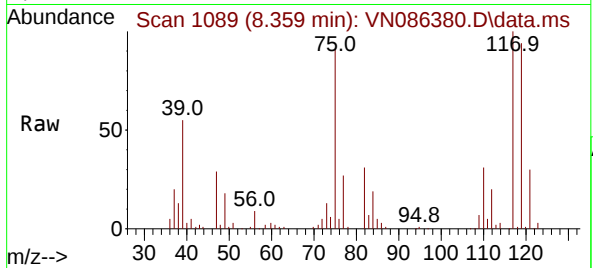
Tgt Ion: 97 Resp: 184336
Ion Ratio Lower Upper
97 100
99 63.8 52.6 79.0
61 45.1 36.4 54.6





#33
Carbon Tetrachloride
Concen: 49.037 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

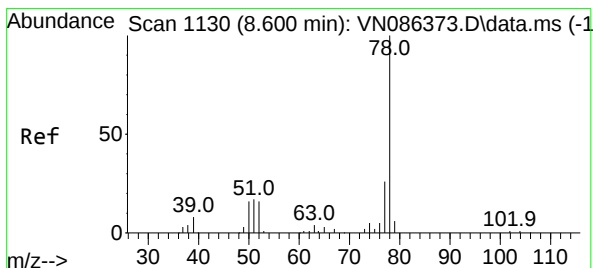
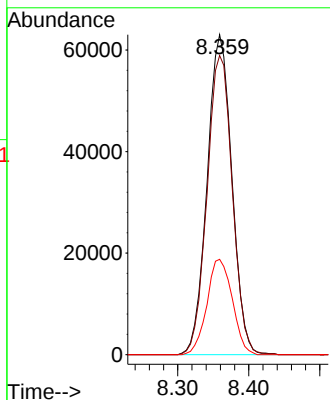
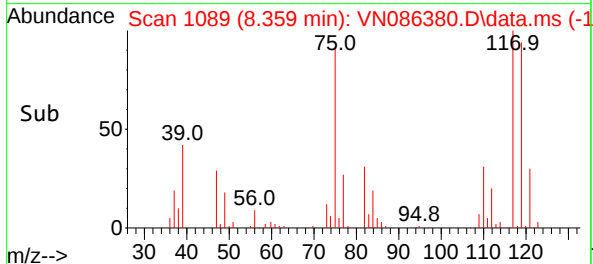
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



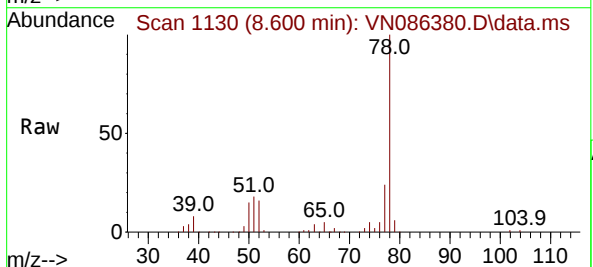
Tgt Ion: 117 Resp: 152652
Ion Ratio Lower Upper
117 100
119 93.5 78.6 117.8
121 29.8 24.0 36.0

Manual Integrations
APPROVED

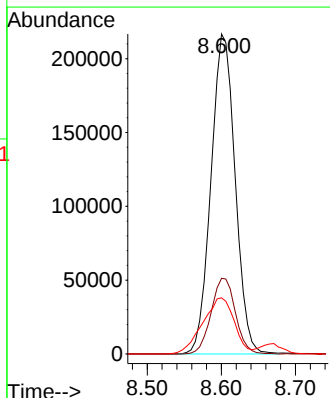
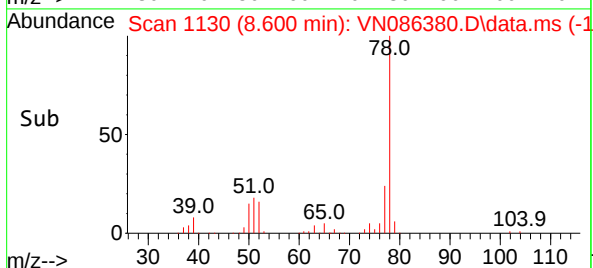
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

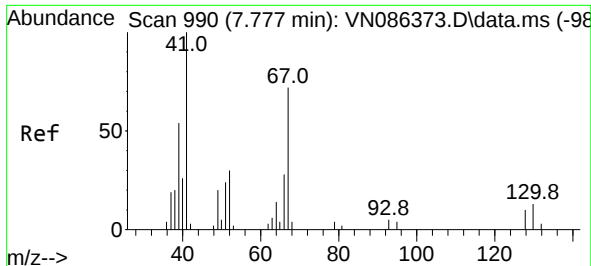


#34
Benzene
Concen: 48.778 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17



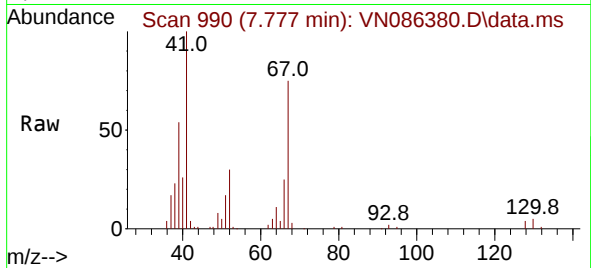
Tgt Ion: 78 Resp: 490952
Ion Ratio Lower Upper
78 100
77 23.6 20.8 31.2
51 17.0 14.0 21.0





#35
Methacrylonitrile
Concen: 49.548 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

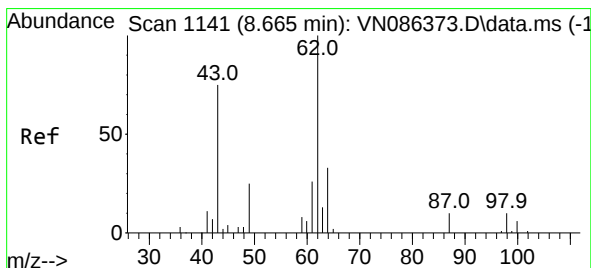
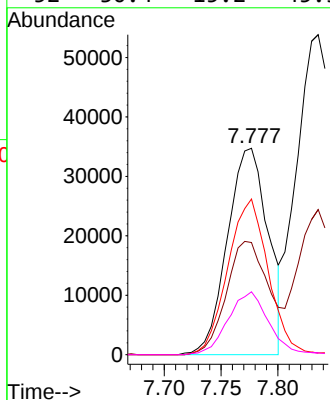
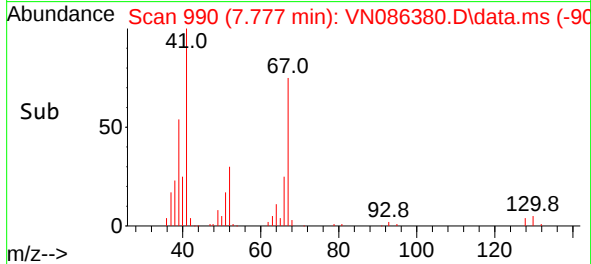
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:	41	Resp:	8681
Ion Ratio	Lower	Upper	
41	100		
39	54.3	27.0	80.8
67	75.4	35.8	107.3
52	30.4	15.2	45.5

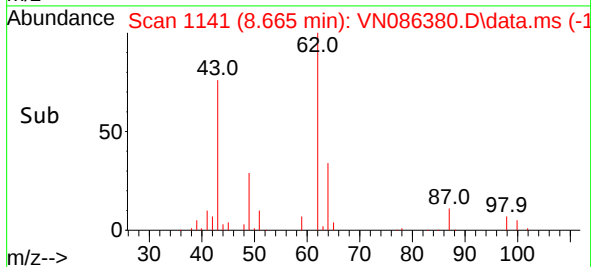
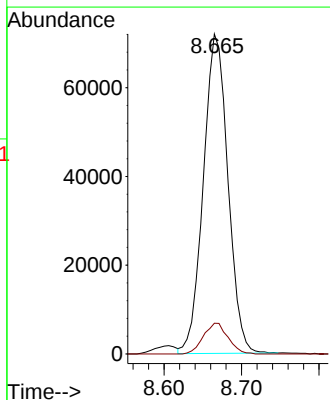
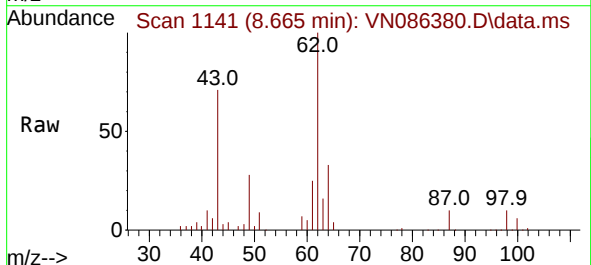
Manual Integrations
APPROVED

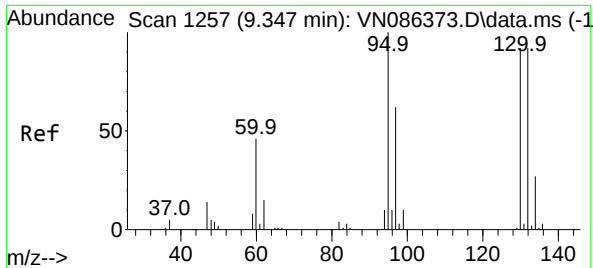
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#36
1,2-Dichloroethane
Concen: 48.526 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

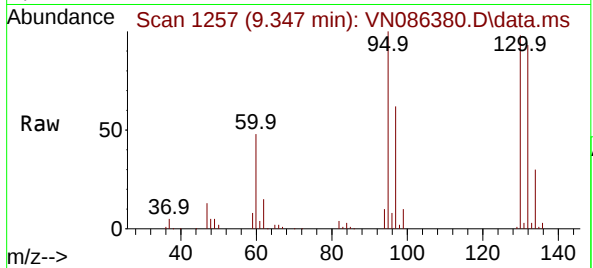
Tgt Ion:	62	Resp:	158575
Ion Ratio	Lower	Upper	
62	100		
98	9.6	7.6	11.4





#37
Trichloroethene
Concen: 49.545 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

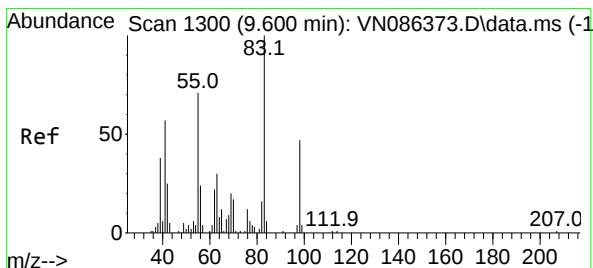
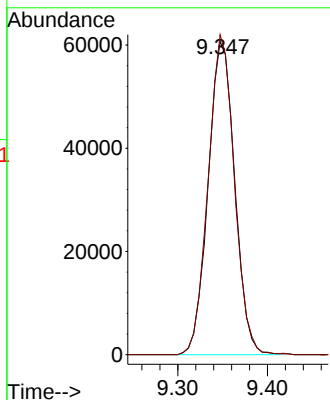
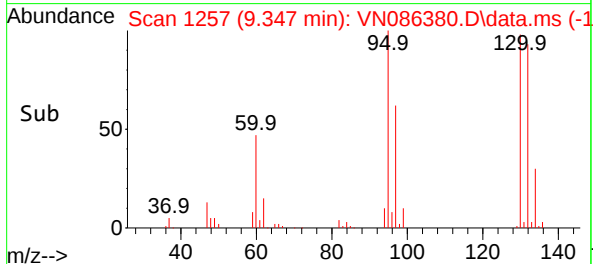
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



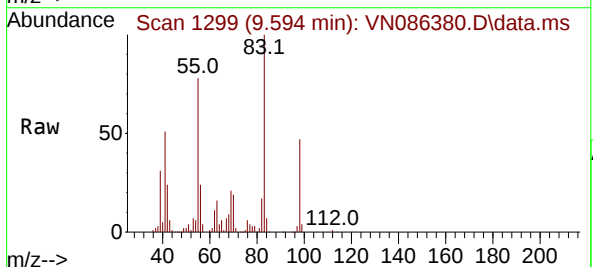
Tgt Ion:130 Resp: 124838
Ion Ratio Lower Upper
130 100
95 102.2 86.6 130.0

Manual Integrations
APPROVED

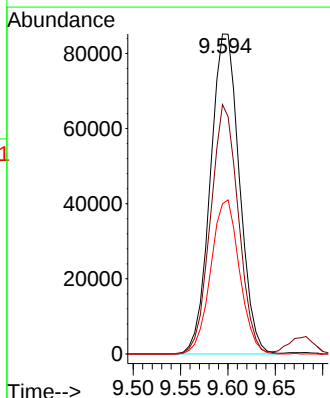
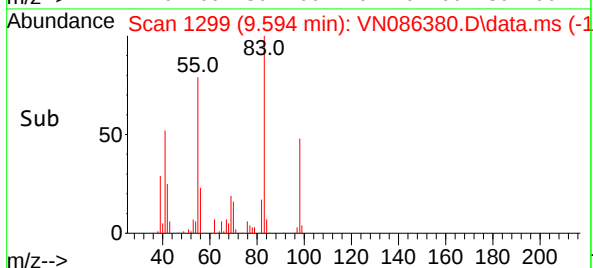
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

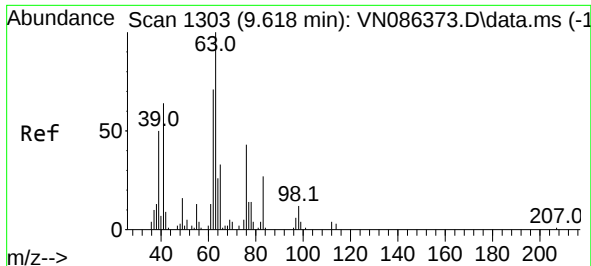


#38
Methylcyclohexane
Concen: 49.617 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17



Tgt Ion: 83 Resp: 181341
Ion Ratio Lower Upper
83 100
55 74.8 37.3 111.9
98 47.6 23.8 71.5





#39

1,2-Dichloropropane

Concen: 48.383 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086380.D

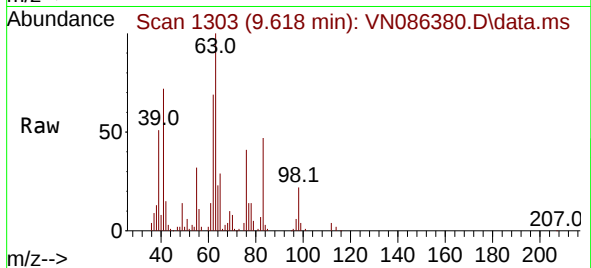
Acq: 23 Apr 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



Tgt Ion: 63 Resp: 120300

Ion Ratio Lower Upper

63 100

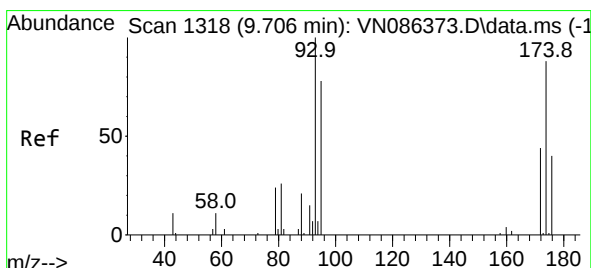
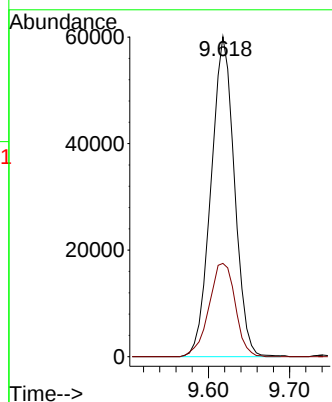
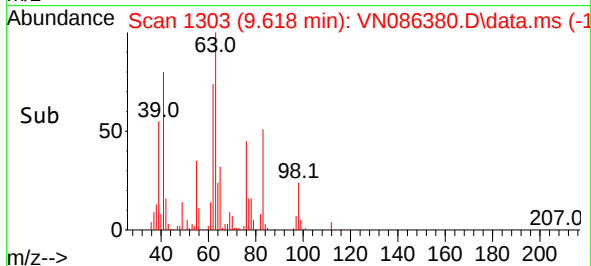
65 29.1 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#40

Dibromomethane

Concen: 48.459 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086380.D

Acq: 23 Apr 2025 13:17

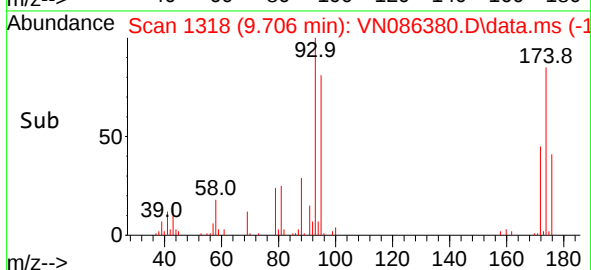
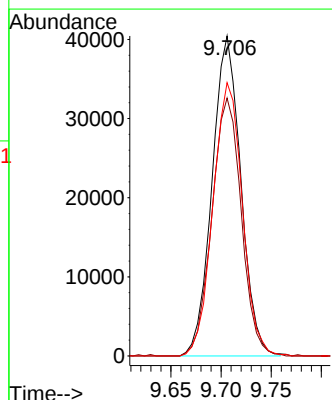
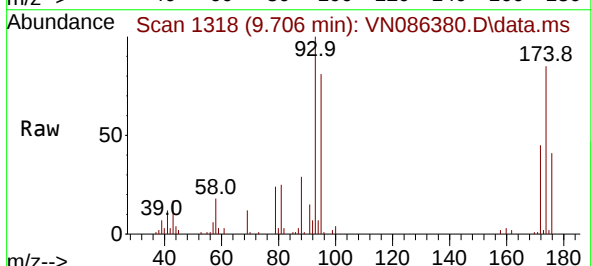
Tgt Ion: 93 Resp: 80581

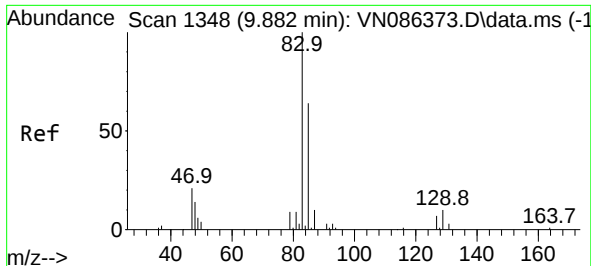
Ion Ratio Lower Upper

93 100

95 82.4 0.0 159.2

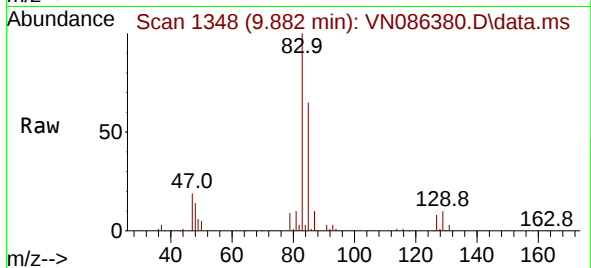
174 87.3 0.0 171.4





#41
Bromodichloromethane
Concen: 49.189 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

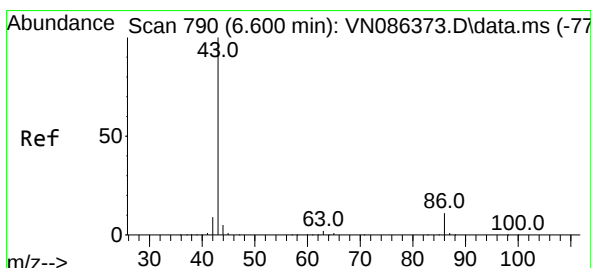
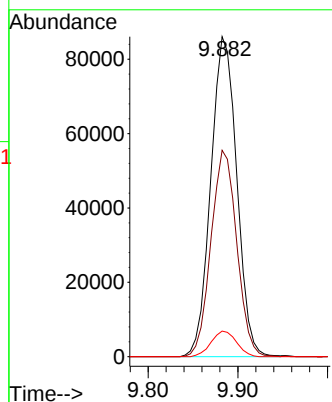
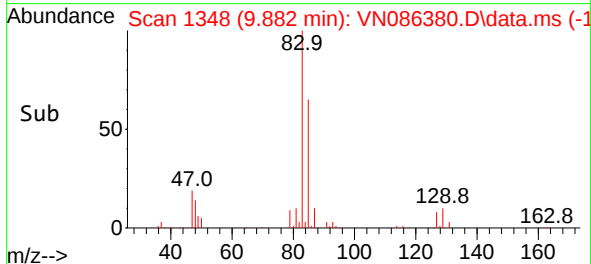
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 17309
Ion Ratio Lower Upper
83 100
85 64.5 51.1 76.7
127 8.0 5.9 8.9

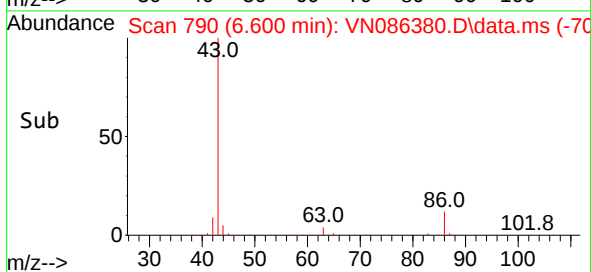
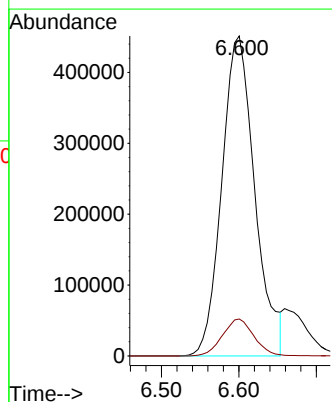
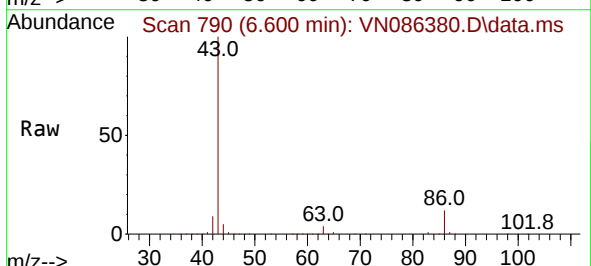
Manual Integrations
APPROVED

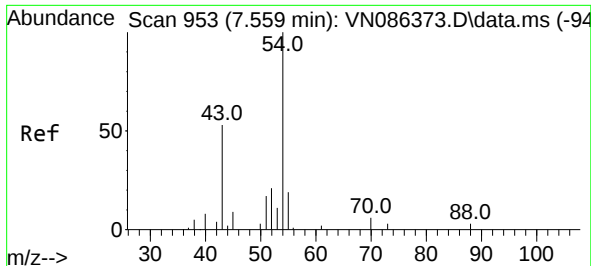
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#42
Vinyl Acetate
Concen: 251.508 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion: 43 Resp: 1338201
Ion Ratio Lower Upper
43 100
86 11.0 8.9 13.3





#43

Ethyl Acetate

Concen: 47.469 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086380.D

Acq: 23 Apr 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 14428

Ion Ratio Lower Upper

43 100

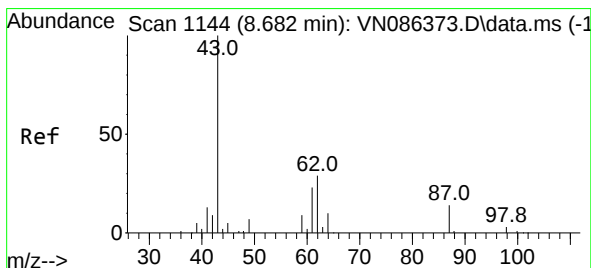
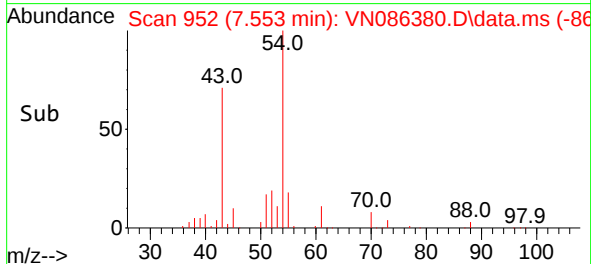
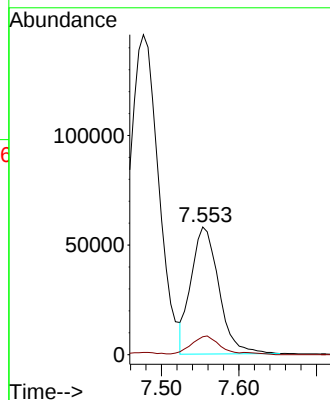
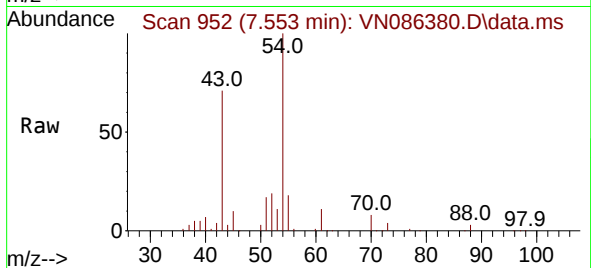
45 13.6 11.4 17.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#44

Isopropyl Acetate

Concen: 48.670 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN086380.D

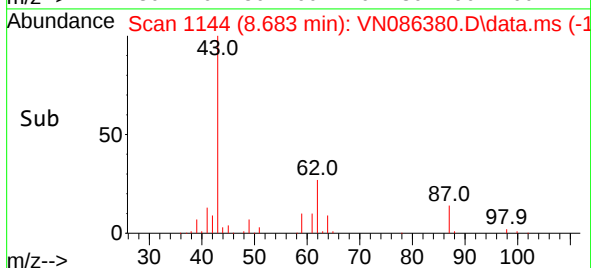
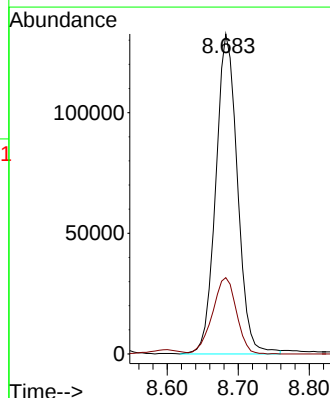
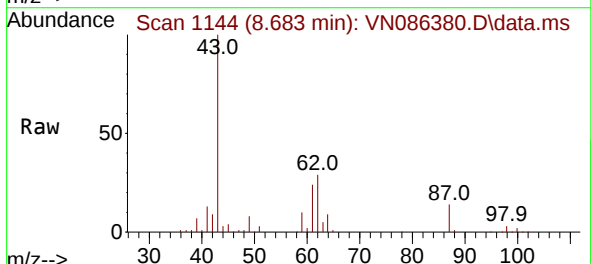
Acq: 23 Apr 2025 13:17

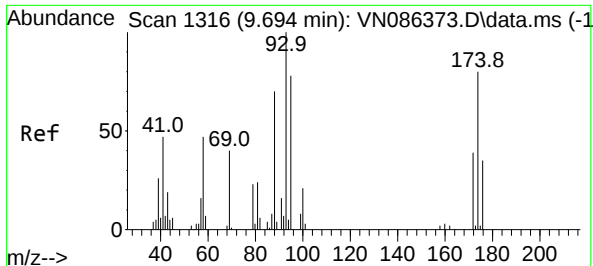
Tgt Ion: 43 Resp: 280778

Ion Ratio Lower Upper

43 100

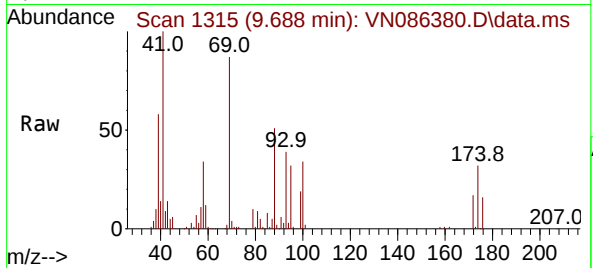
61 26.4 21.0 31.4





#45
1,4-Dioxane
Concen: 1022.574 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

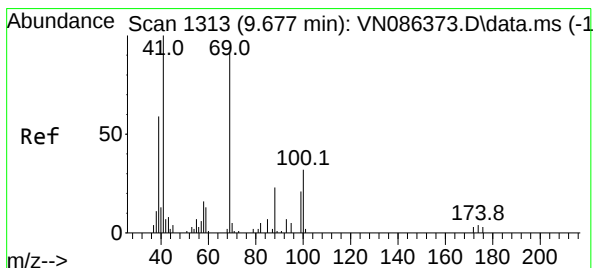
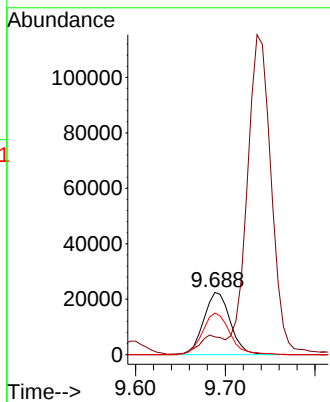
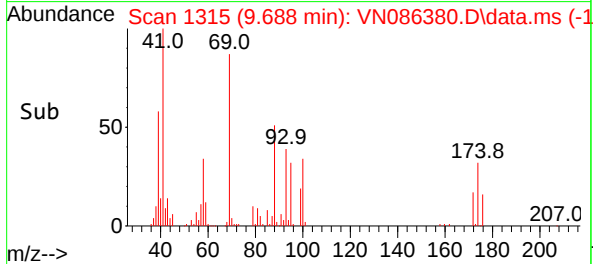
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



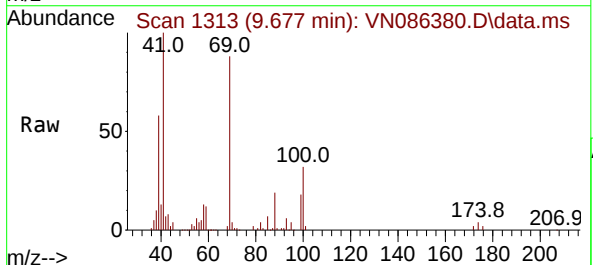
Tgt Ion: 88 Resp: 4602
Ion Ratio Lower Upper
88 100
43 28.1 24.9 37.3
58 69.4 57.8 86.8

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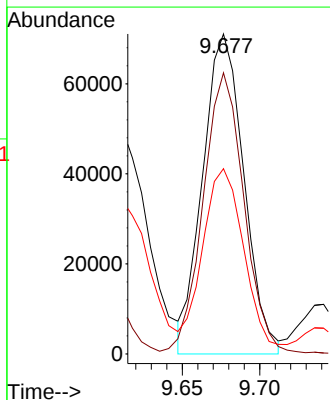
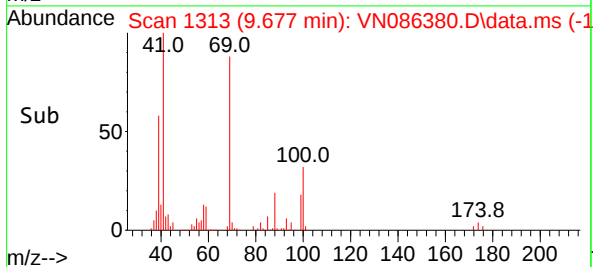
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

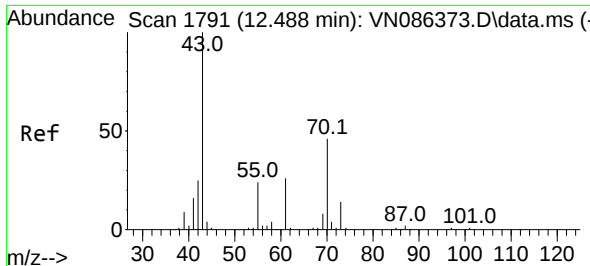


#46
Methyl methacrylate
Concen: 49.330 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17



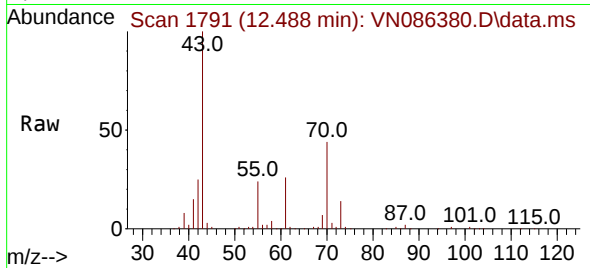
Tgt Ion: 41 Resp: 131270
Ion Ratio Lower Upper
41 100
69 89.1 44.1 132.3
39 57.2 30.0 90.1





#47
n-amyl acetate
Concen: 48.807 ug/l
RT: 12.488 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

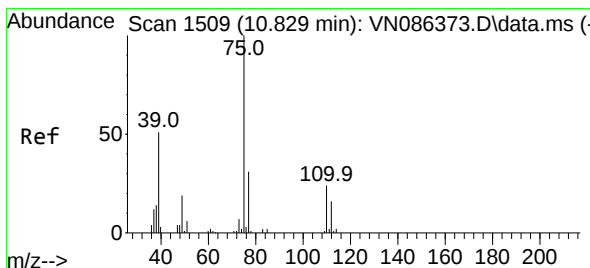
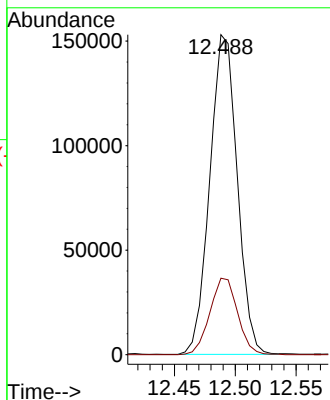
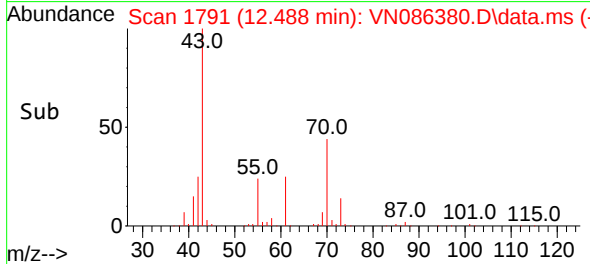
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 23998
Ion Ratio Lower Upper
43 100
55 24.2 19.4 29.0

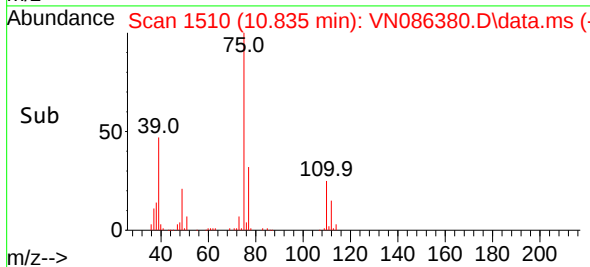
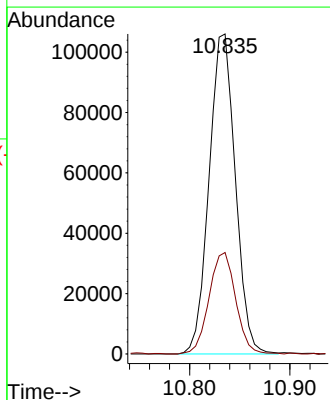
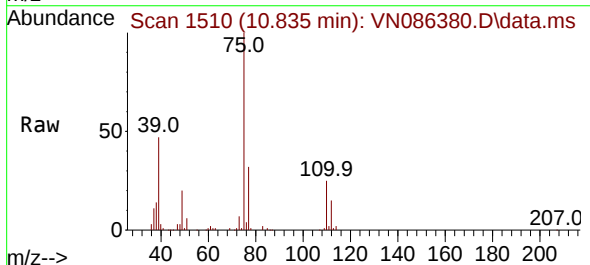
Manual Integrations
APPROVED

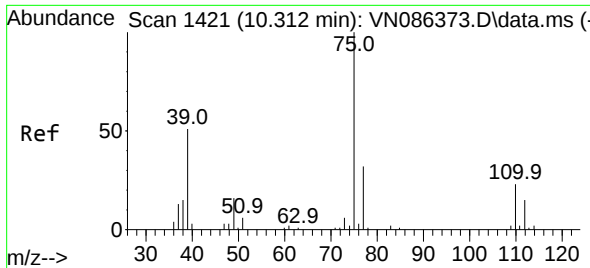
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#48
t-1,3-Dichloropropene
Concen: 48.936 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

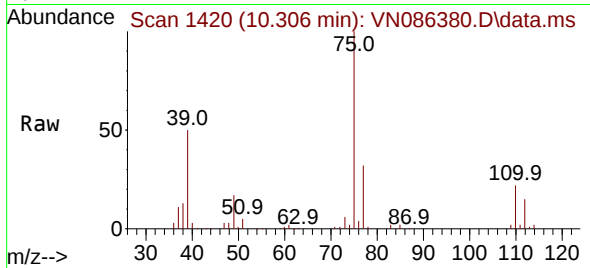
Tgt Ion: 75 Resp: 192520
Ion Ratio Lower Upper
75 100
77 31.7 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 49.162 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086380.D
 Acq: 23 Apr 2025 13:17

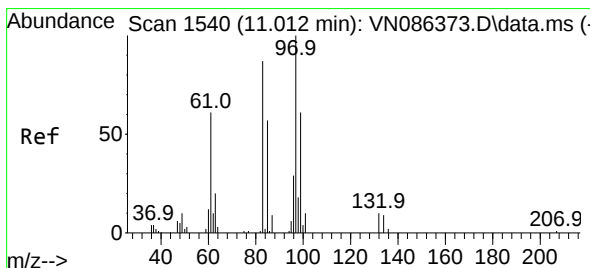
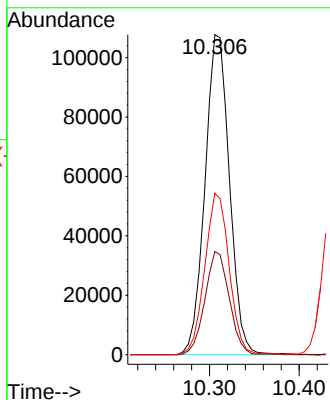
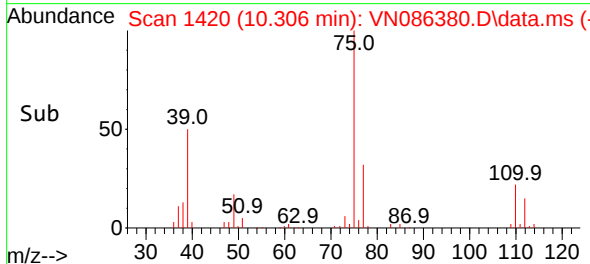
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 20396
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4
 39 50.3 40.6 60.8

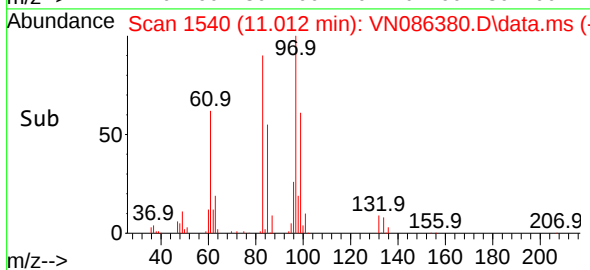
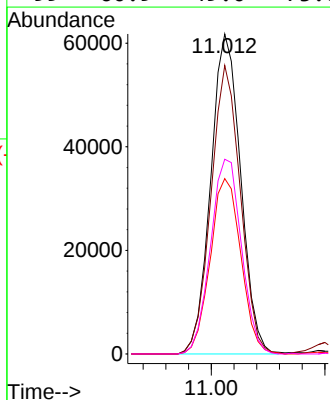
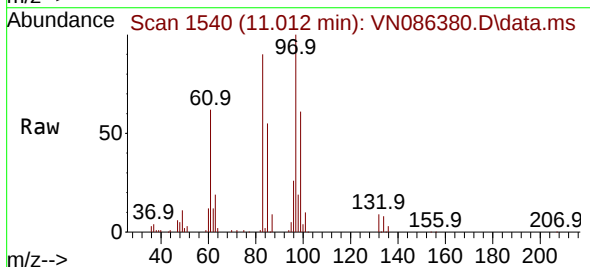
Manual Integrations
 APPROVED

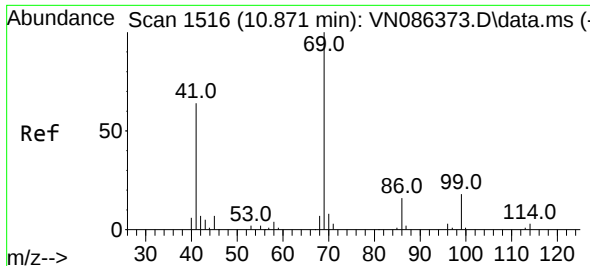
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#50
 1,1,2-Trichloroethane
 Concen: 48.624 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086380.D
 Acq: 23 Apr 2025 13:17

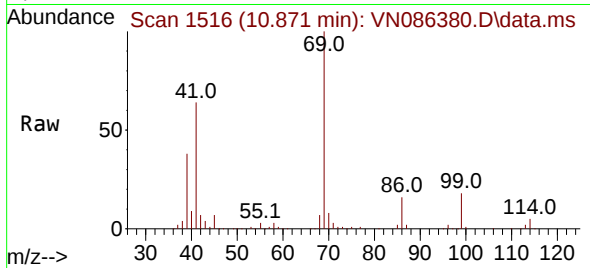
Tgt Ion: 97 Resp: 112938
 Ion Ratio Lower Upper
 97 100
 83 90.1 69.3 103.9
 85 54.8 45.5 68.3
 99 60.9 49.0 73.6





#51
Ethyl methacrylate
Concen: 49.636 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

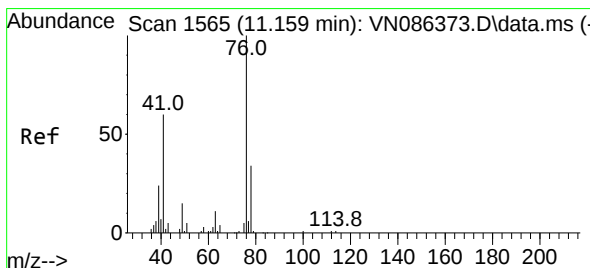
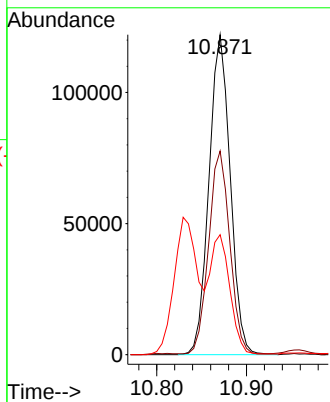
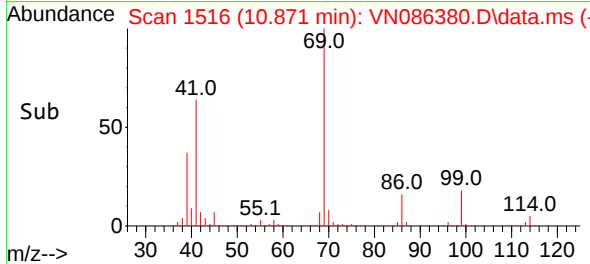
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 69 Resp: 200784
Ion Ratio Lower Upper
69 100
41 63.4 32.3 96.8
39 37.3 19.1 57.1

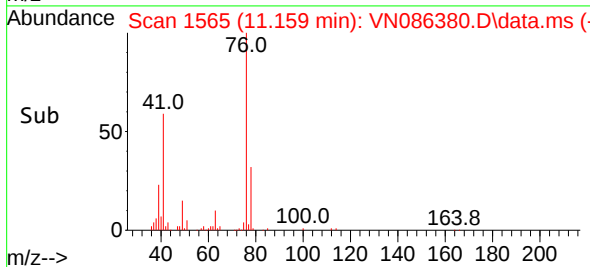
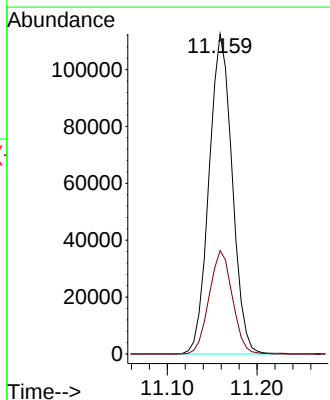
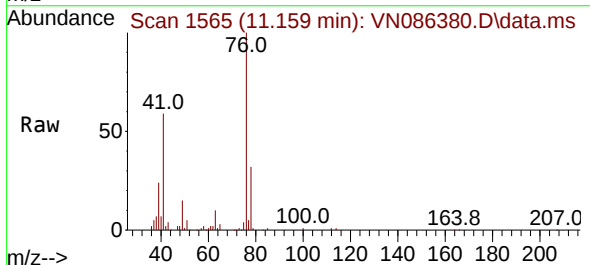
Manual Integrations
APPROVED

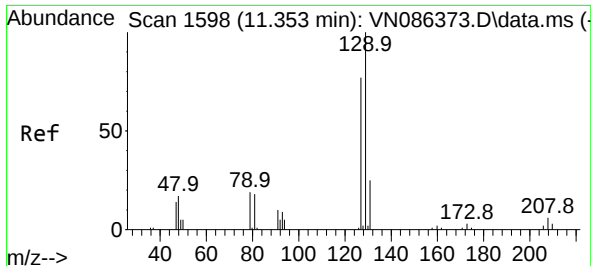
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
1,3-Dichloropropane
Concen: 49.100 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

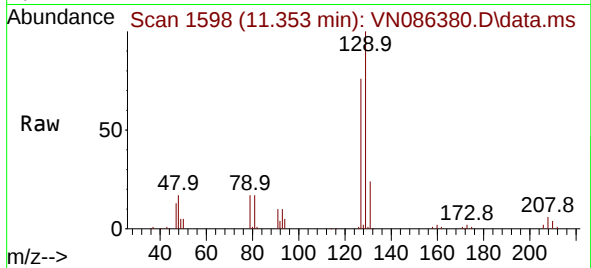
Tgt Ion: 76 Resp: 201557
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.6





#53
Dibromochloromethane
Concen: 49.346 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

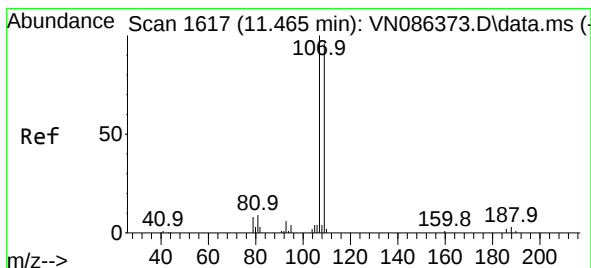
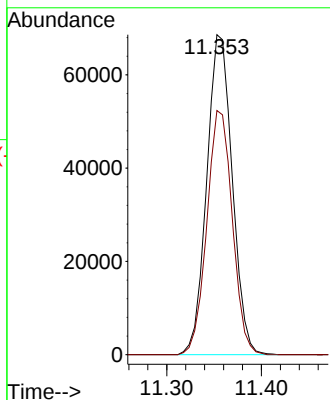
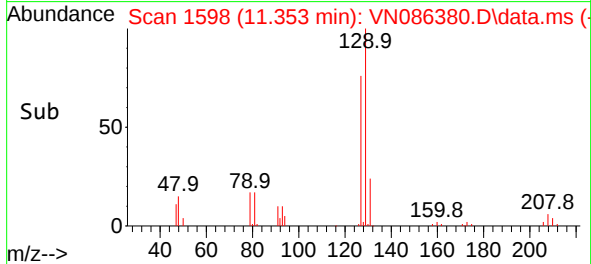
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



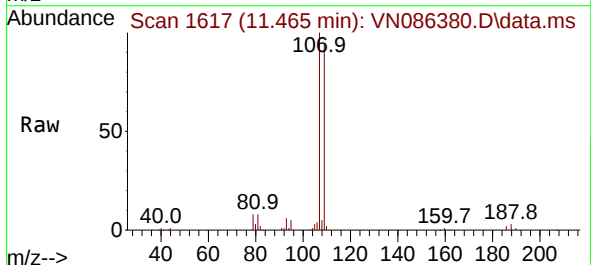
Tgt Ion:129 Resp: 12869
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.3

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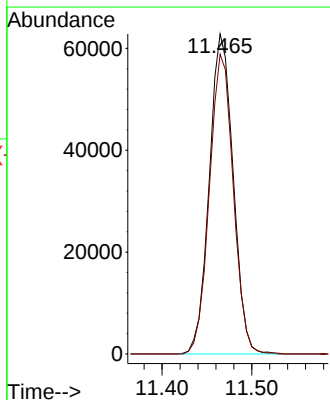
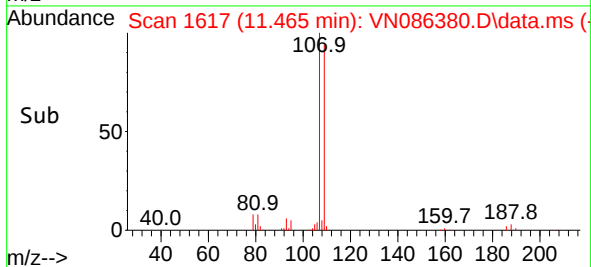
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

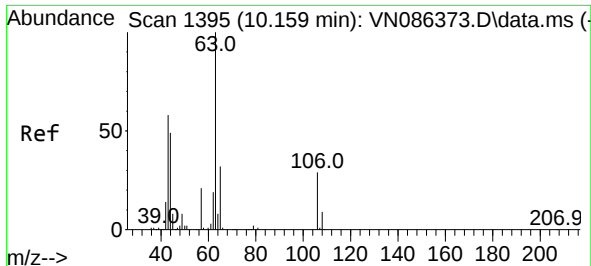


#54
1,2-Dibromoethane
Concen: 49.058 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17



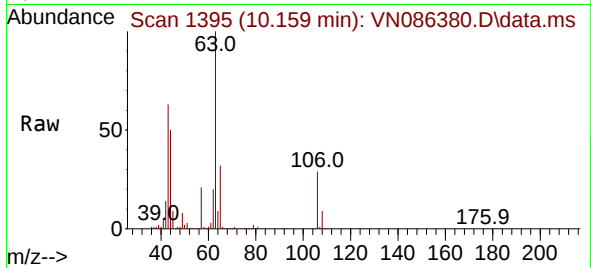
Tgt Ion:107 Resp: 115855
Ion Ratio Lower Upper
107 100
109 93.6 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 247.901 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

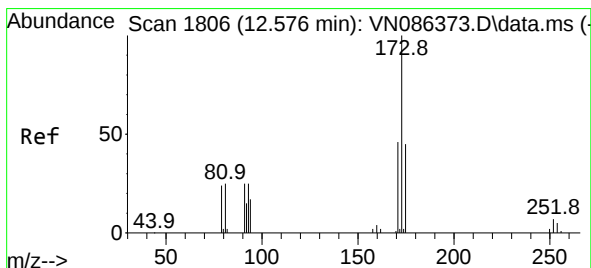
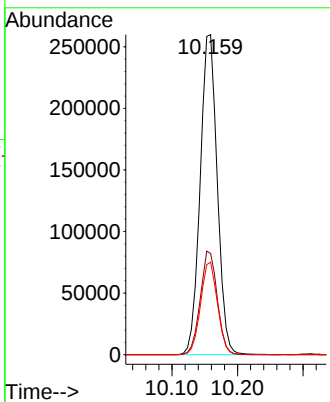
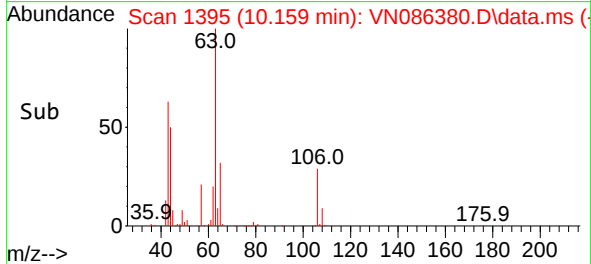
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 471468
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 28.6 22.3 33.5

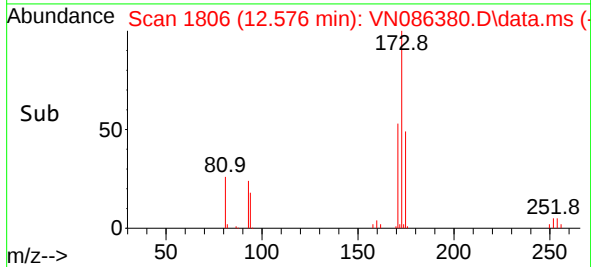
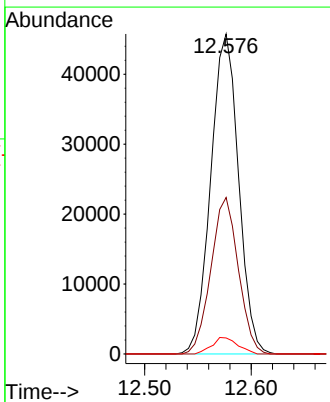
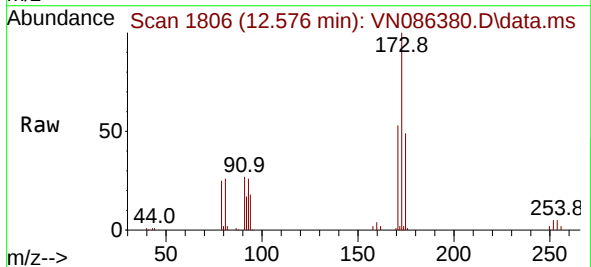
Manual Integrations
APPROVED

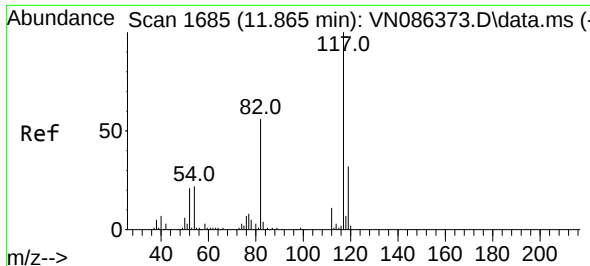
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#56
Bromoform
Concen: 49.022 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

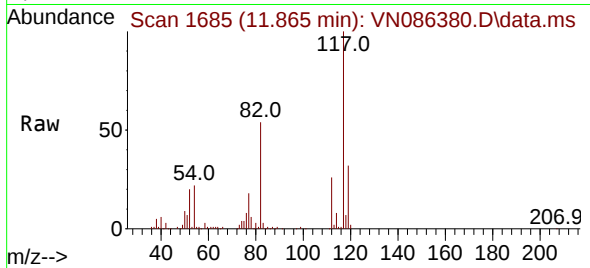
Tgt Ion:173 Resp: 82968
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.6
254 4.8 3.8 5.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

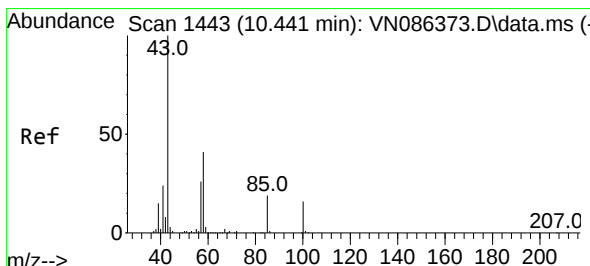
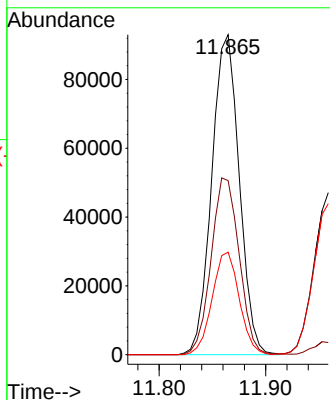
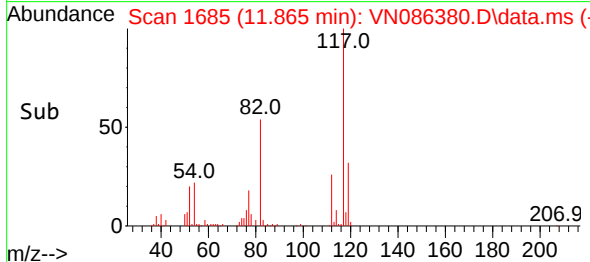
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 117 Resp: 166870
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 31.5 25.9 38.9

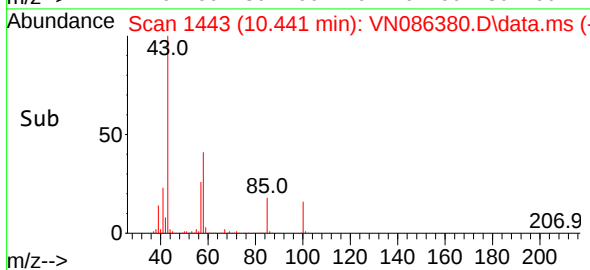
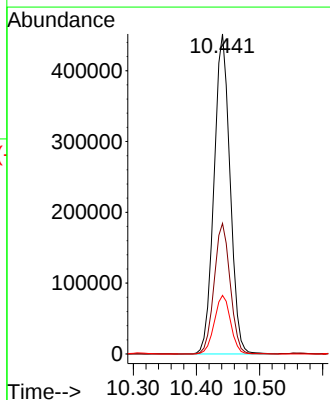
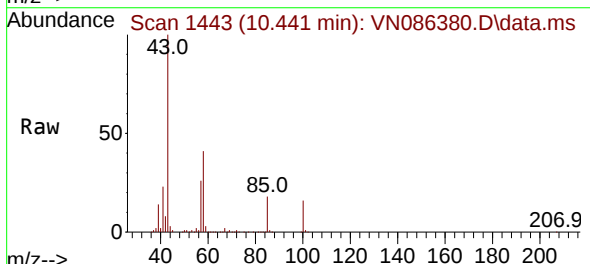
Manual Integrations
APPROVED

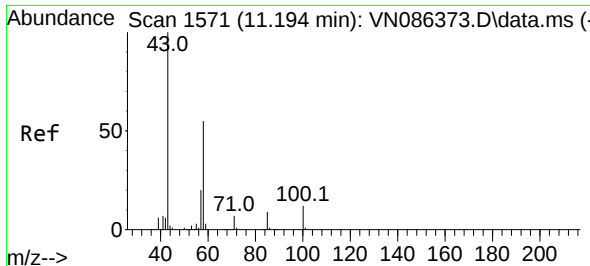
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#58
4-Methyl-2-Pentanone
Concen: 246.686 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

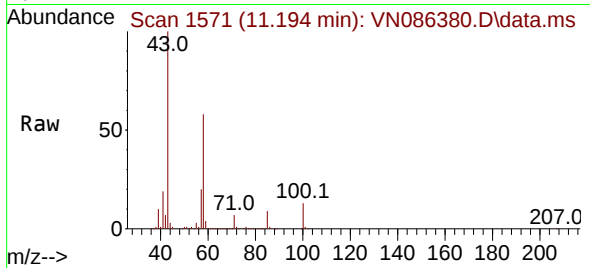
Tgt Ion: 43 Resp: 796619
Ion Ratio Lower Upper
43 100
58 40.8 33.0 49.6
85 18.5 14.9 22.3





#59
2-Hexanone
Concen: 245.533 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

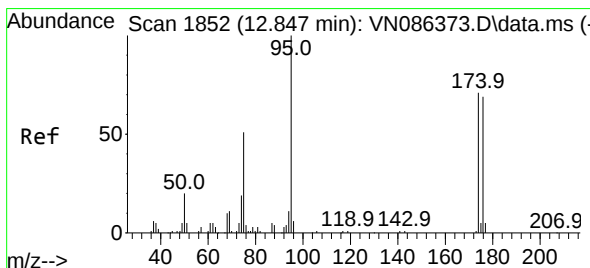
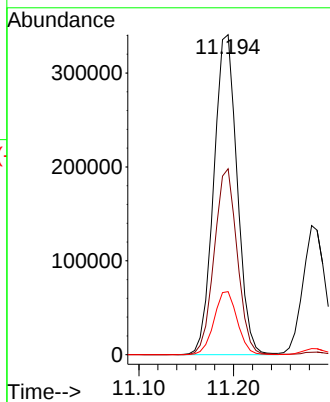
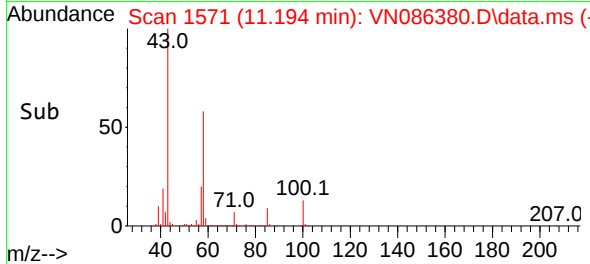
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



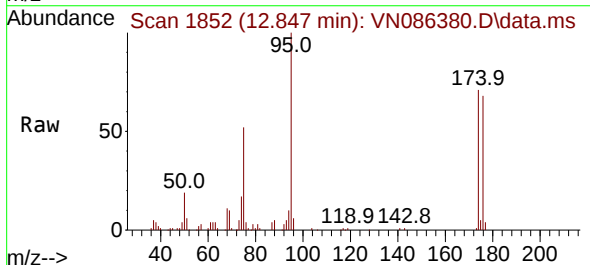
Tgt Ion: 43 Resp: 58430
Ion Ratio Lower Upper
43 100
58 57.2 45.0 67.6
57 19.7 15.5 23.3

Manual Integrations
APPROVED

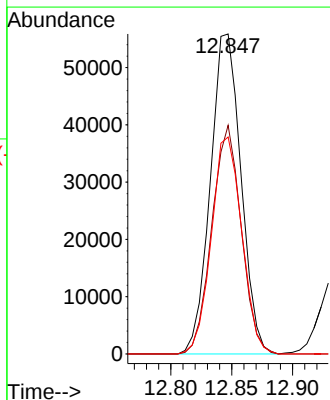
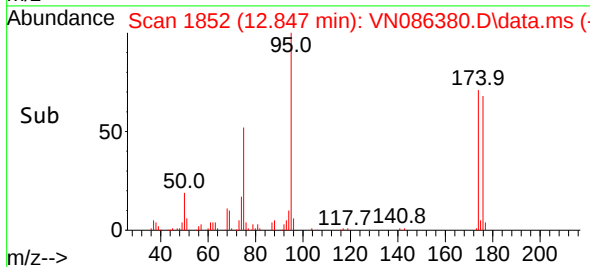
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

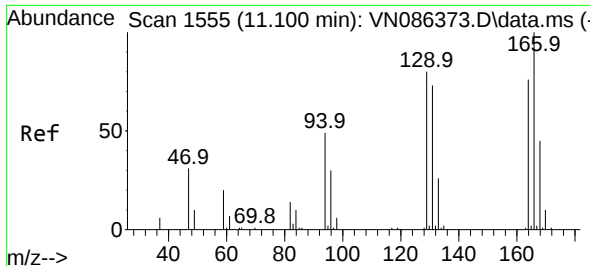


#60
4-Bromofluorobenzene
Concen: 29.770 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17



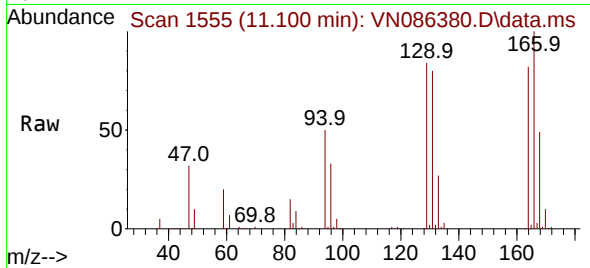
Tgt Ion: 95 Resp: 97641
Ion Ratio Lower Upper
95 100
174 68.4 56.6 84.8
176 67.4 53.3 79.9





#61
Tetrachloroethene
Concen: 48.223 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

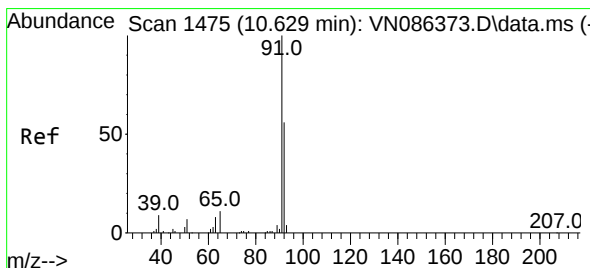
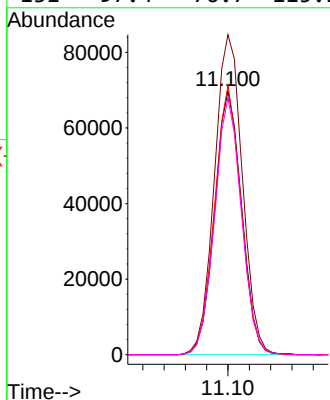
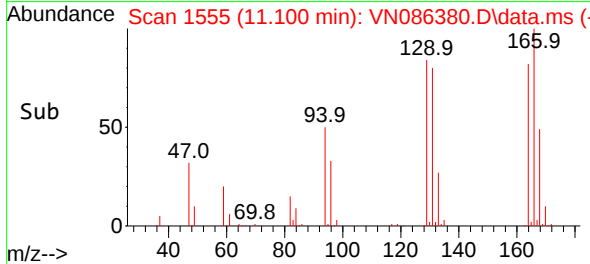
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



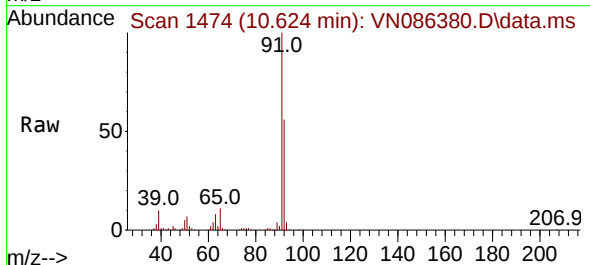
Tgt Ion:164 Resp: 122738
Ion Ratio Lower Upper
164 100
166 121.5 105.0 157.4
129 102.3 83.9 125.9
131 97.4 76.7 115.1

Manual Integrations
APPROVED

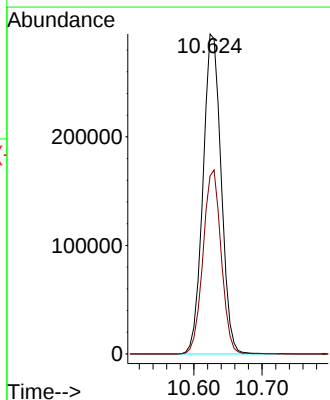
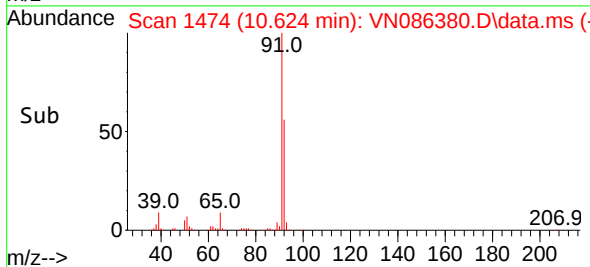
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

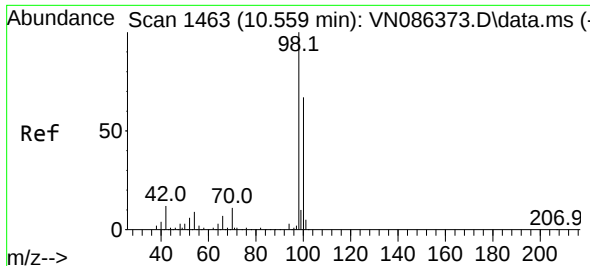


#62
Toluene
Concen: 48.875 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17



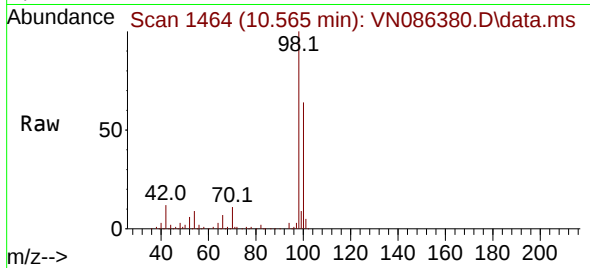
Tgt Ion: 91 Resp: 545929
Ion Ratio Lower Upper
91 100
92 57.3 45.7 68.5





#63
Toluene-d8
Concen: 30.090 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

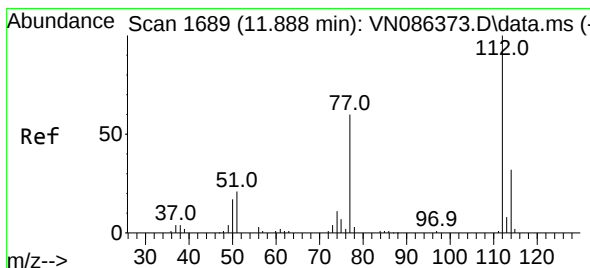
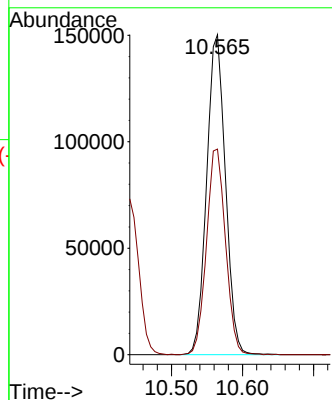
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 98 Resp: 276249
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

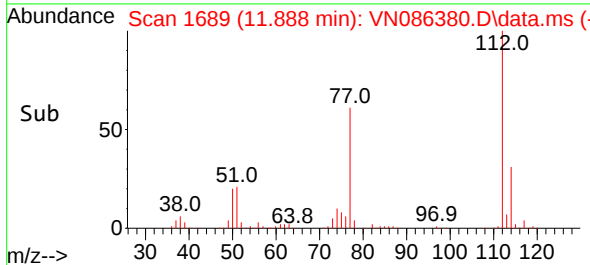
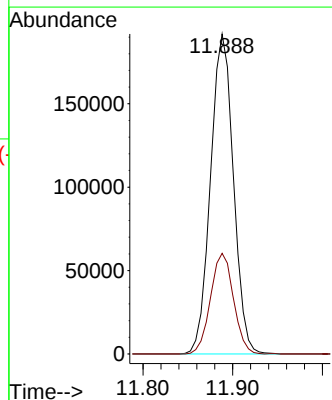
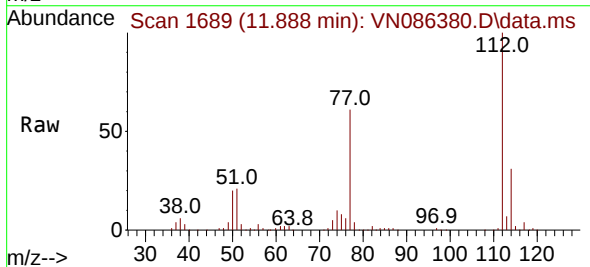
Manual Integrations
APPROVED

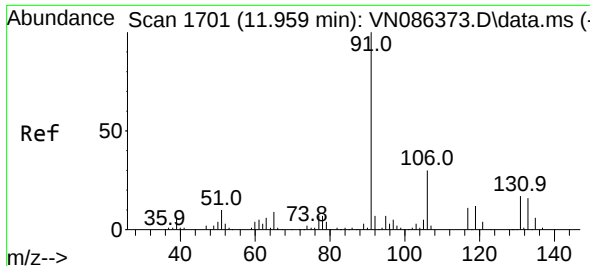
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Chlorobenzene
Concen: 48.765 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

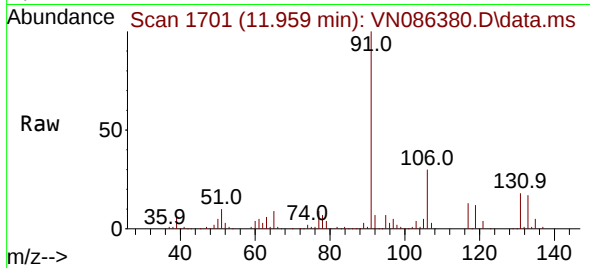
Tgt Ion:112 Resp: 339409
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 48.858 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

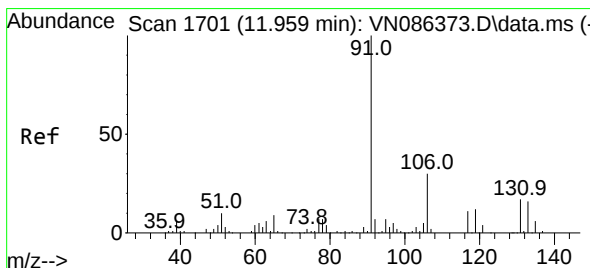
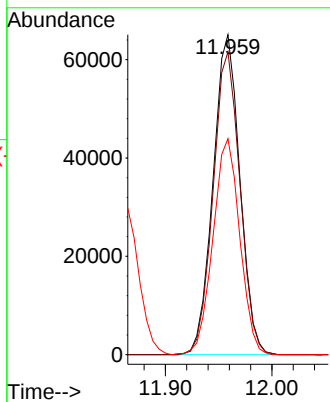
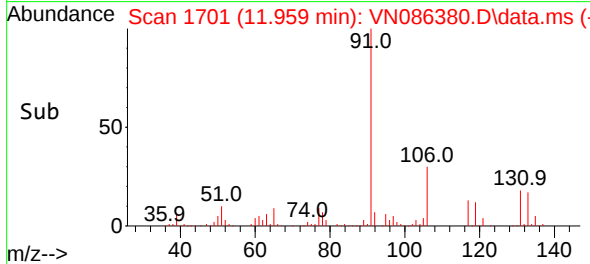
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:131 Resp: 113702
Ion Ratio Lower Upper
131 100
133 94.7 0.0 191.4
119 67.5 0.0 133.6

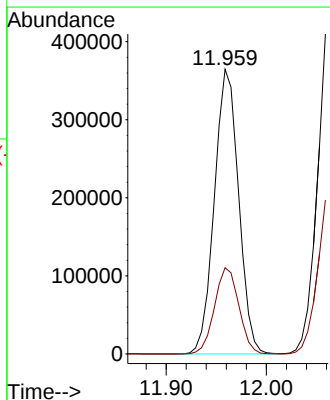
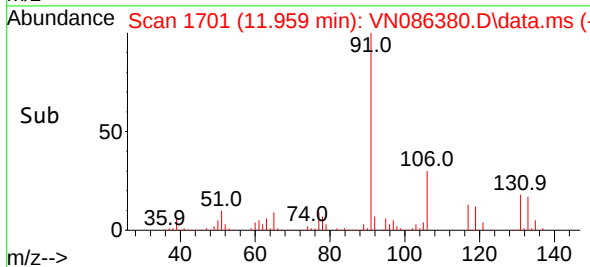
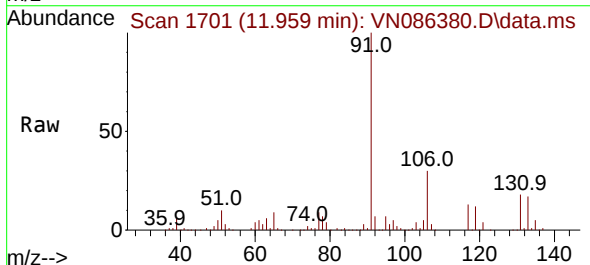
Manual Integrations
APPROVED

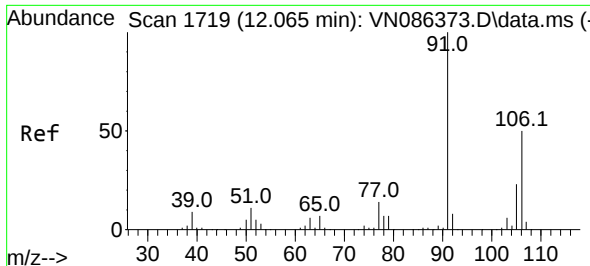
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#66
Ethyl Benzene
Concen: 48.707 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion: 91 Resp: 612399
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5





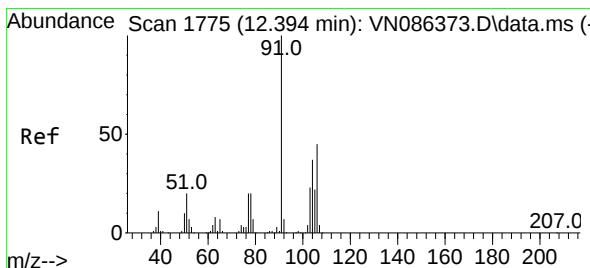
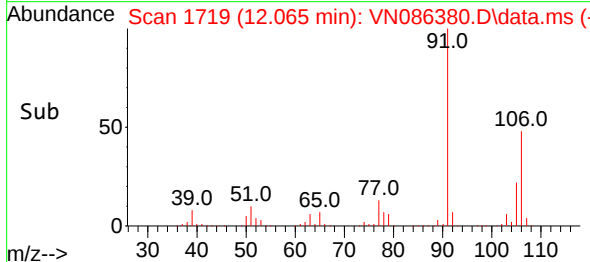
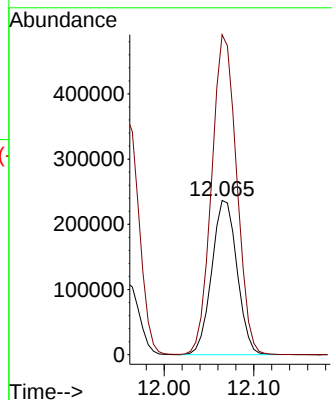
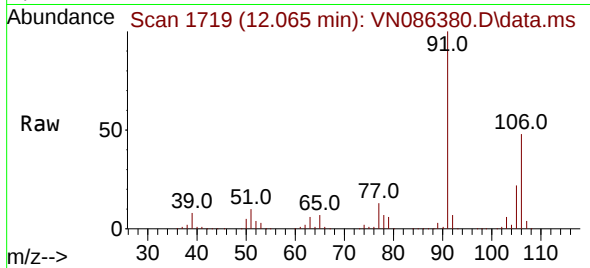
#67
m/p-Xylenes
Concen: 96.999 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 46274
Ion Ratio Lower Upper
106 100
91 205.3 162.6 243.8

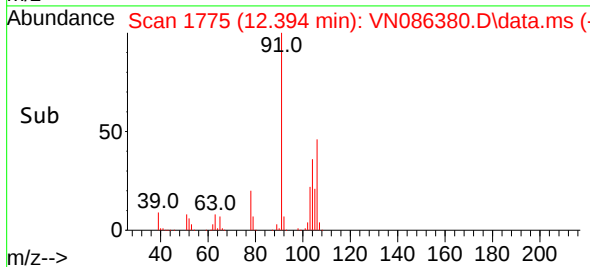
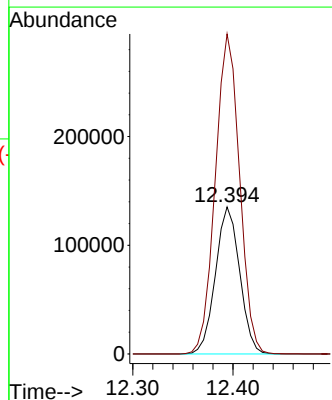
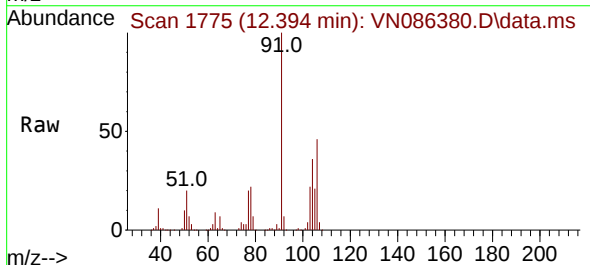
Manual Integrations
APPROVED

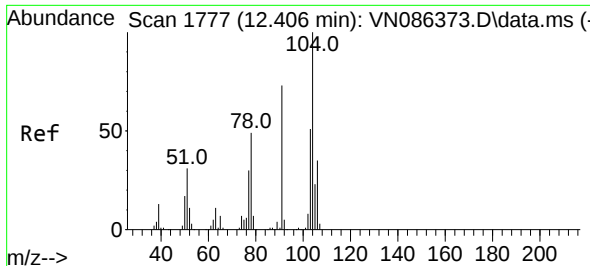
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#68
o-Xylene
Concen: 48.560 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

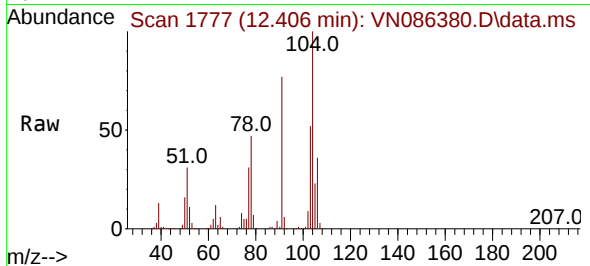
Tgt Ion:106 Resp: 226822
Ion Ratio Lower Upper
106 100
91 218.5 110.6 331.6





#69
Styrene
Concen: 49.159 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

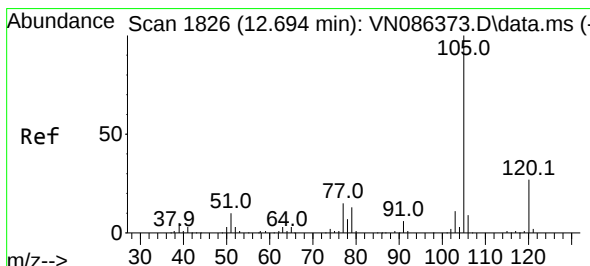
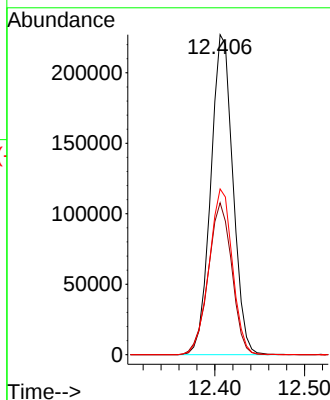
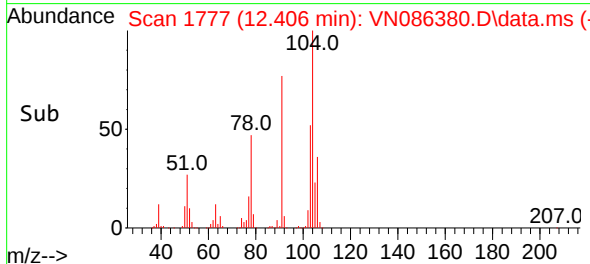
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



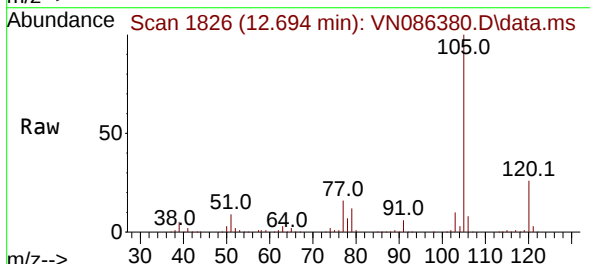
Tgt Ion:104 Resp: 389200
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.4
103 54.7 43.8 65.8

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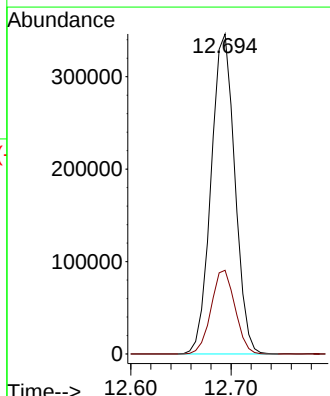
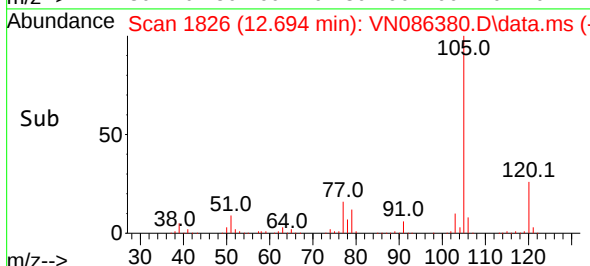
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

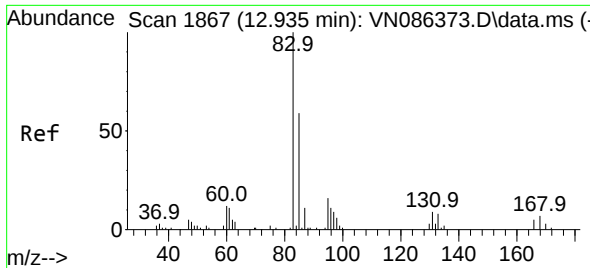


#70
Isopropylbenzene
Concen: 48.886 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17



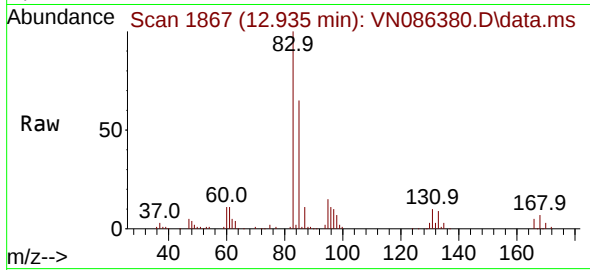
Tgt Ion:105 Resp: 570012
Ion Ratio Lower Upper
105 100
120 26.3 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 48.818 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

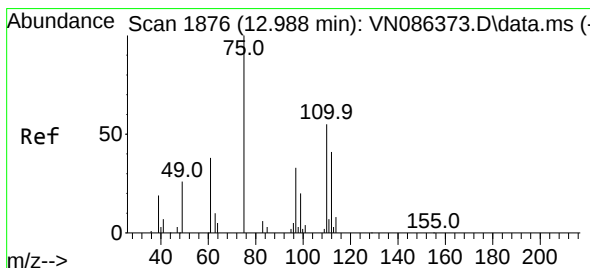
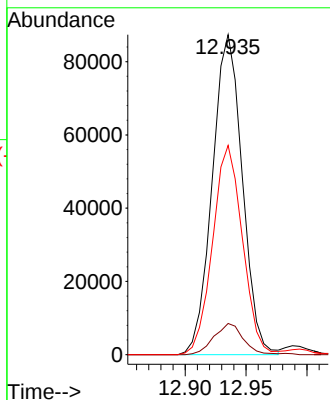
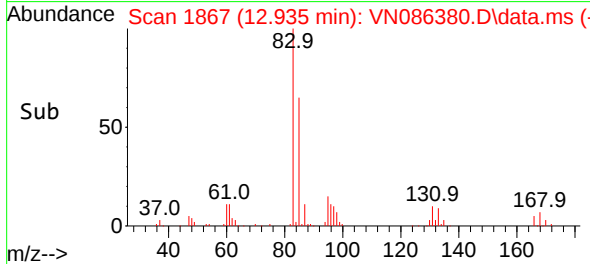
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



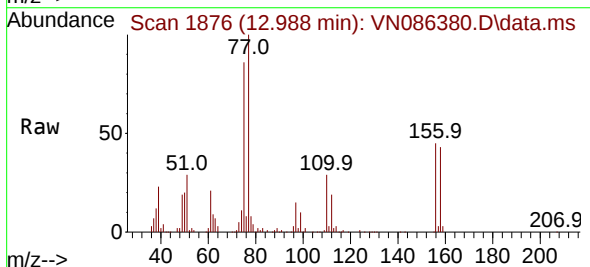
Tgt Ion: 83 Resp: 149879
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.7
85 64.8 31.7 95.1

Manual Integrations
APPROVED

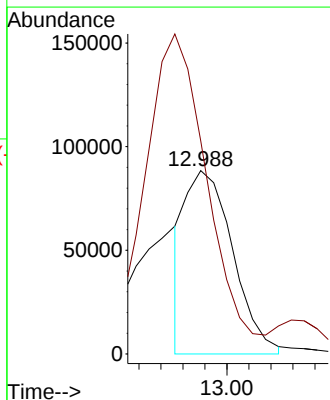
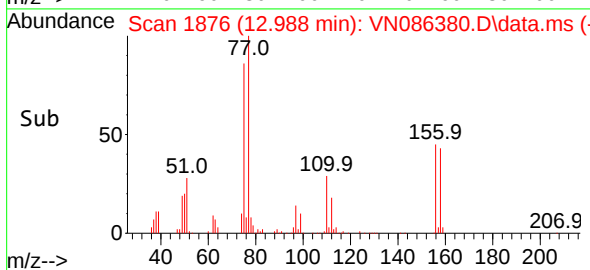
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

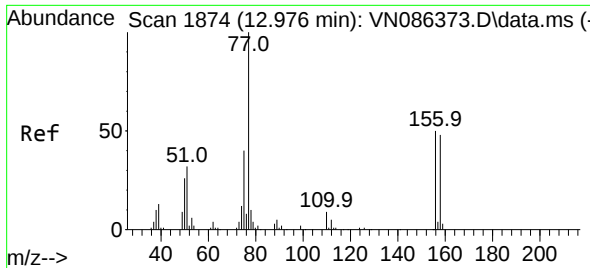


#72
1,2,3-Trichloropropane
Concen: 49.772 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17



Tgt Ion: 75 Resp: 132411
Ion Ratio Lower Upper
75 100
77 231.7 0.0 464.4





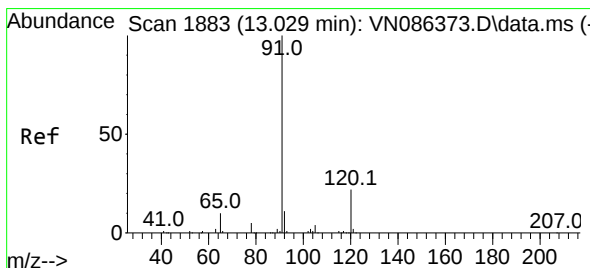
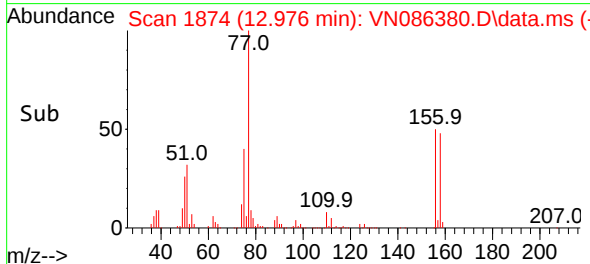
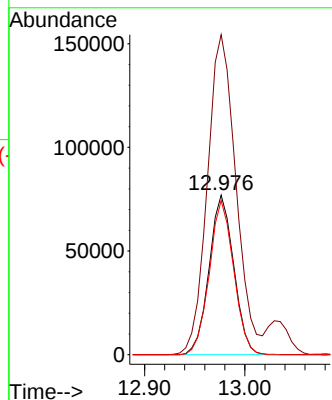
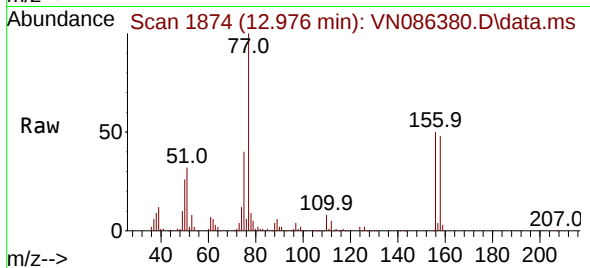
#73
Bromobenzene
Concen: 49.022 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:156 Resp: 131410
Ion Ratio Lower Upper
156 100
77 233.5 0.0 463.4
158 95.4 0.0 191.8

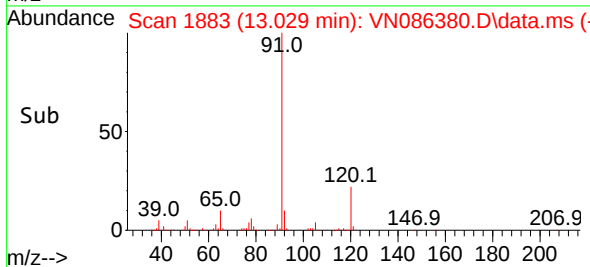
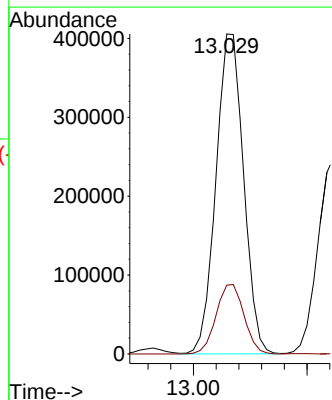
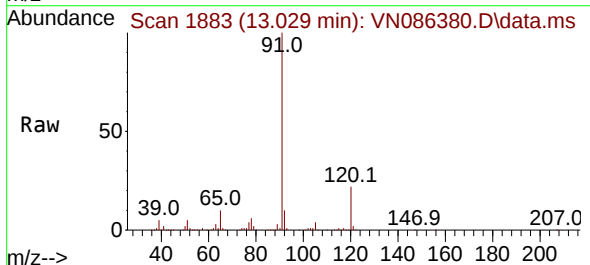
Manual Integrations
APPROVED

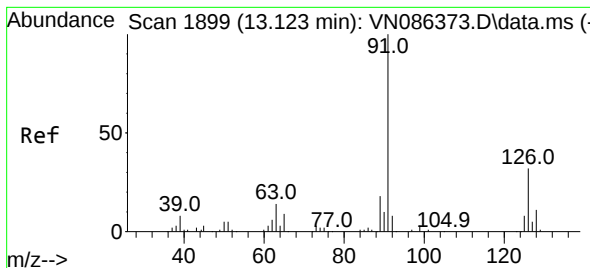
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#74
n-propylbenzene
Concen: 49.506 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion: 91 Resp: 685930
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.8





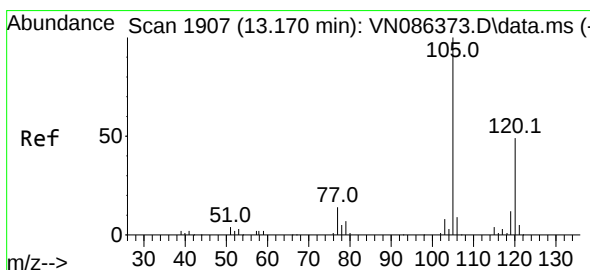
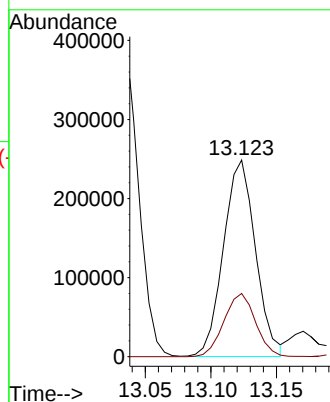
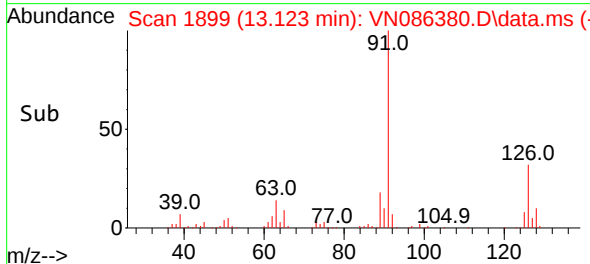
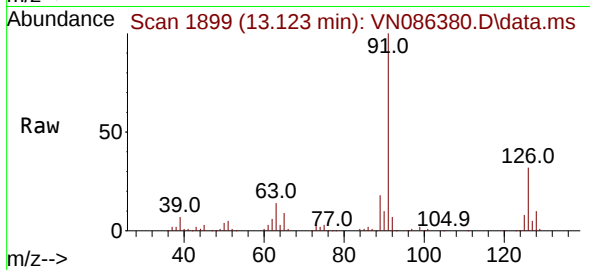
#75
2-Chlorotoluene
Concen: 48.900 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 422950
Ion Ratio Lower Upper
91 100
126 31.7 0.0 65.0

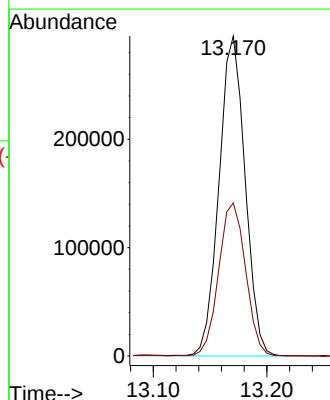
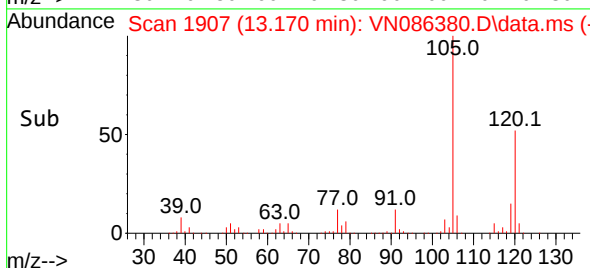
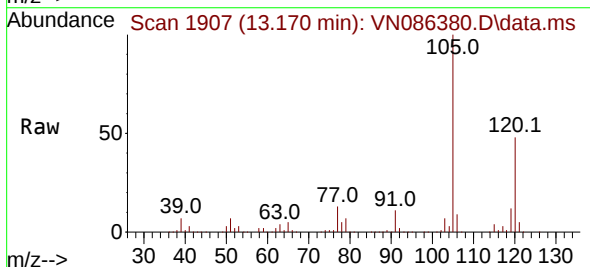
Manual Integrations
APPROVED

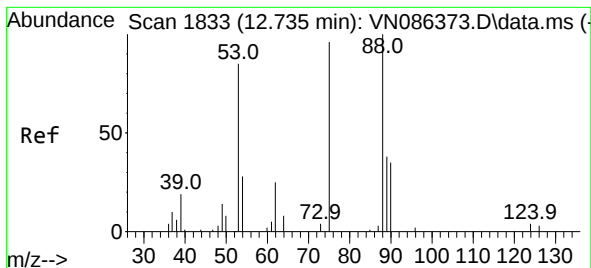
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 49.239 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

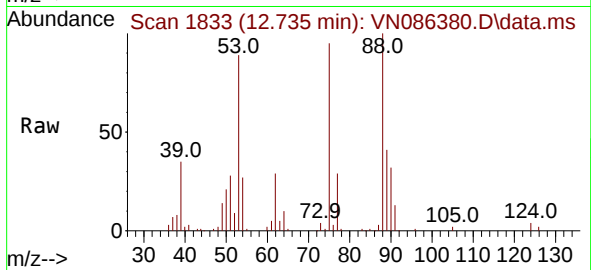
Tgt Ion:105 Resp: 471082
Ion Ratio Lower Upper
105 100
120 49.3 0.0 97.6





#77
t-1,4-Dichloro-2-butene
Concen: 48.728 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

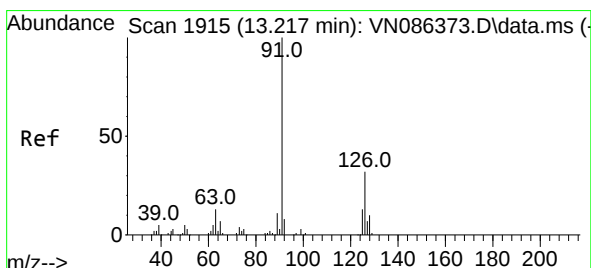
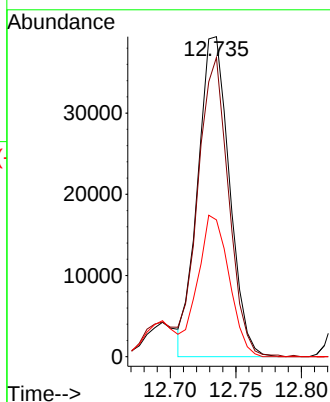
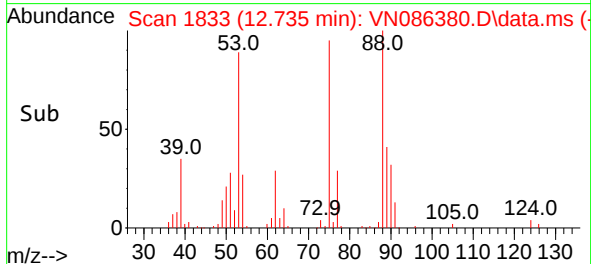
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 66192
Ion Ratio Lower Upper
75 100
53 93.0 46.0 138.0
89 42.7 21.6 64.6

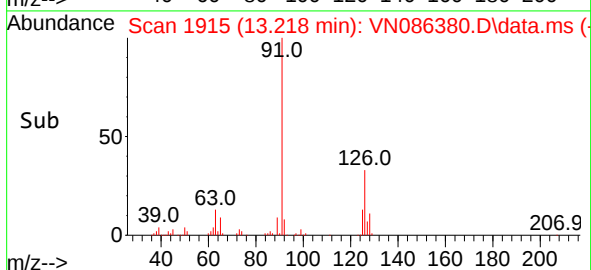
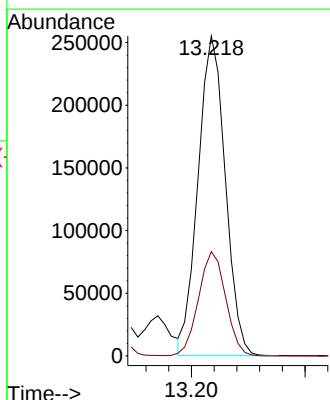
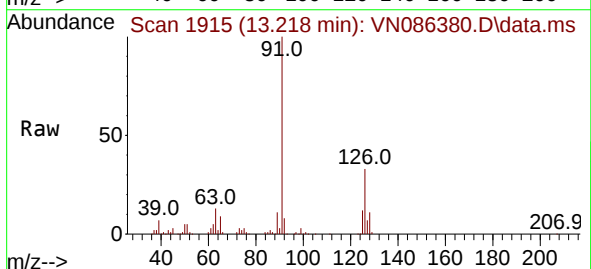
Manual Integrations
APPROVED

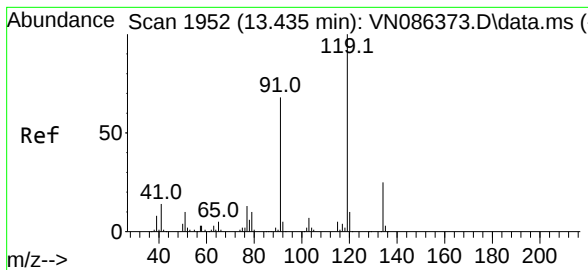
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#78
4-Chlorotoluene
Concen: 49.115 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion: 91 Resp: 424764
Ion Ratio Lower Upper
91 100
126 32.6 0.0 65.4





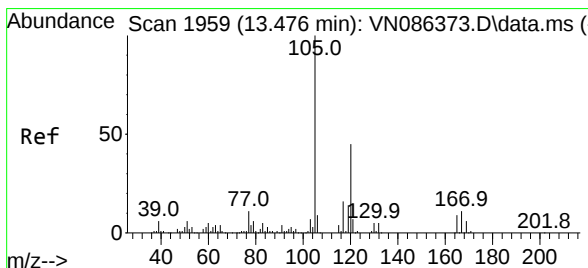
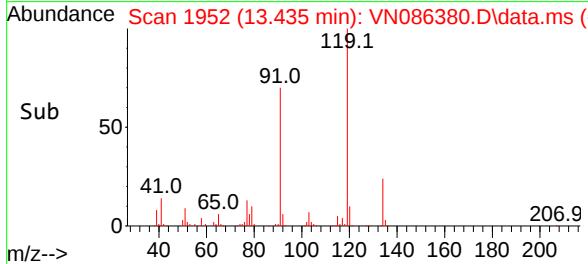
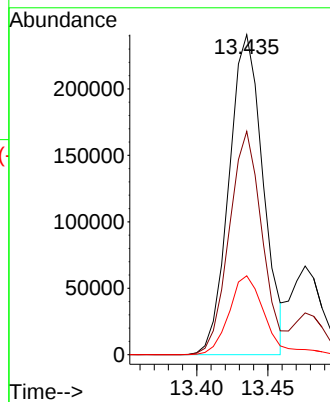
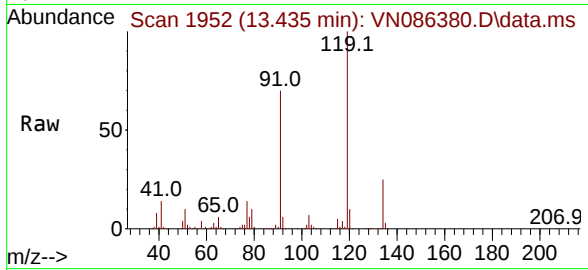
#79
tert-butylbenzene
Concen: 49.030 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:119 Resp: 401738
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.4
134 26.1 0.0 49.2

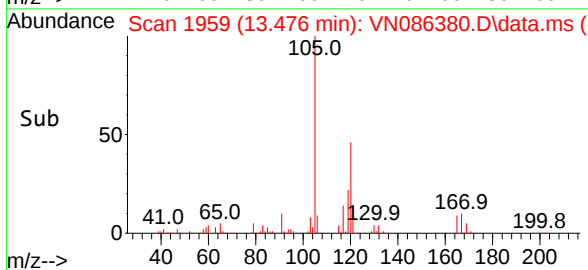
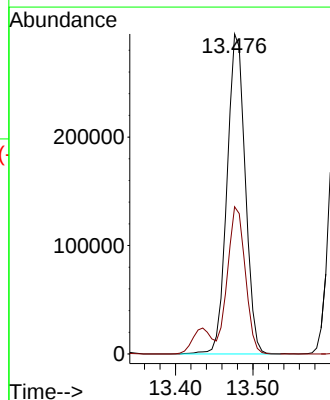
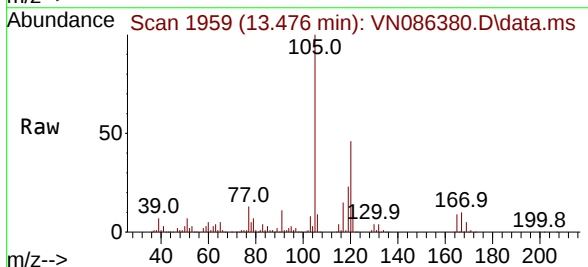
Manual Integrations
APPROVED

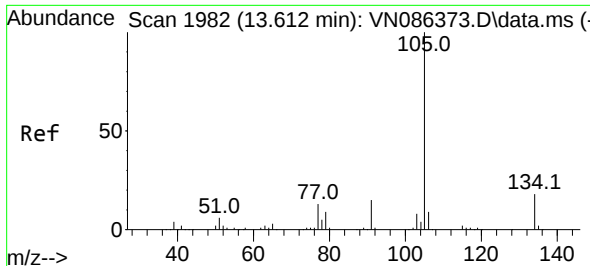
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#80
1,2,4-Trimethylbenzene
Concen: 49.278 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

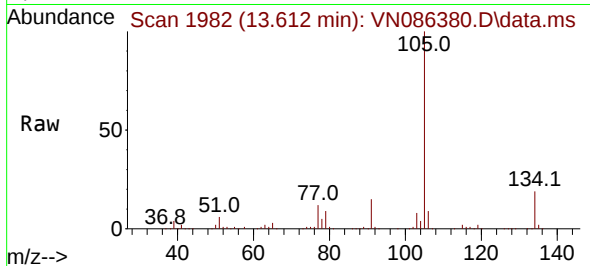
Tgt Ion:105 Resp: 481487
Ion Ratio Lower Upper
105 100
120 44.8 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 49.282 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086380.D
 Acq: 23 Apr 2025 13:17

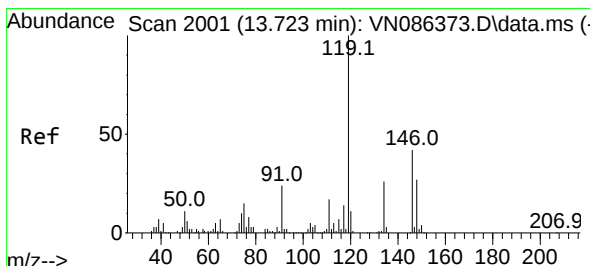
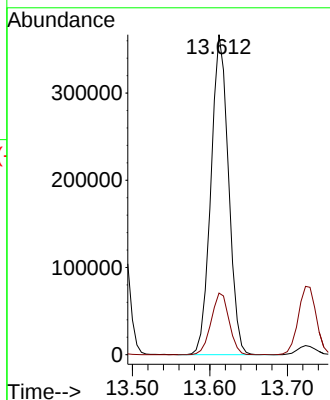
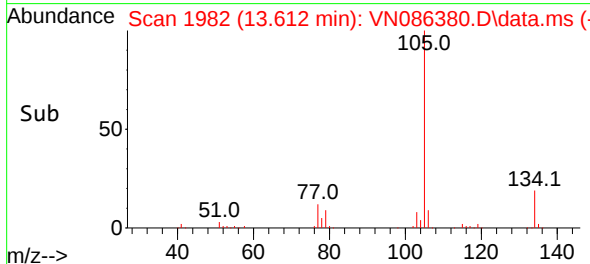
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



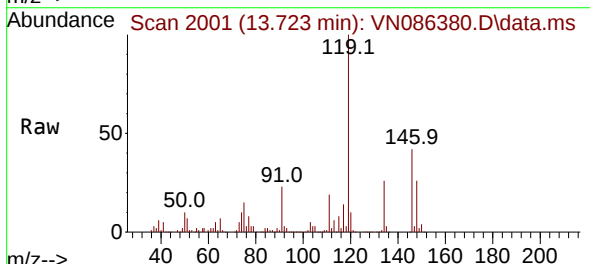
Tgt Ion:105 Resp: 57640
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.4

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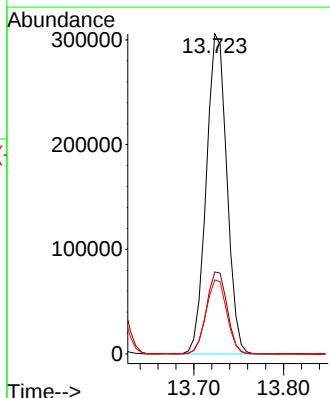
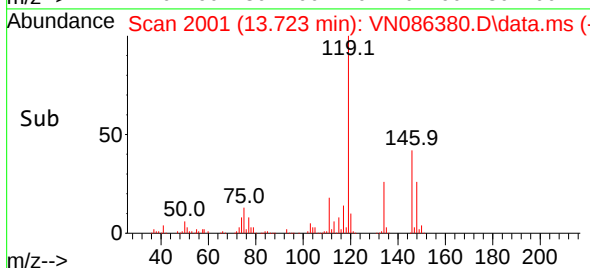
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025

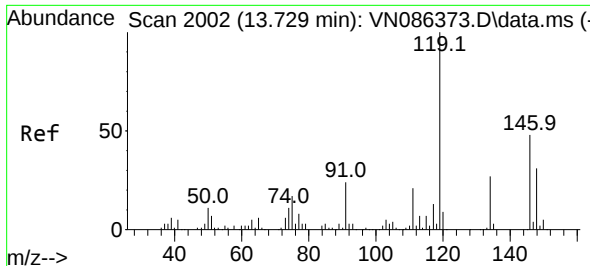


#82
 p-Isopropyltoluene
 Concen: 49.693 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086380.D
 Acq: 23 Apr 2025 13:17



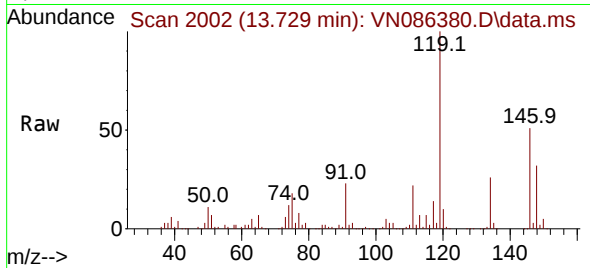
Tgt Ion:119 Resp: 486348
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.2
 91 23.5 0.0 47.6





#83
1,3-Dichlorobenzene
Concen: 50.046 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

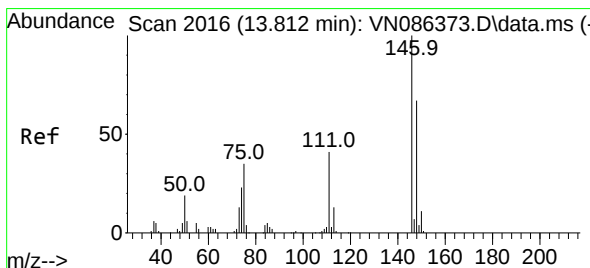
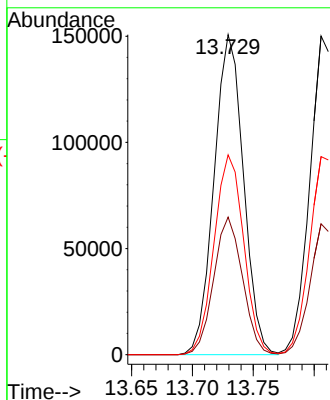
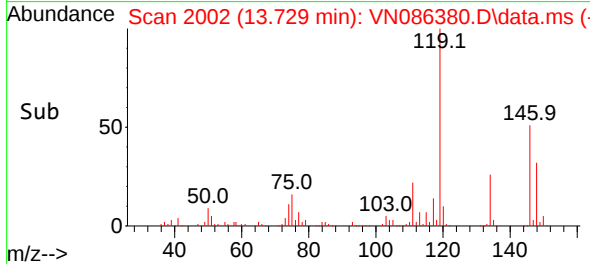
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



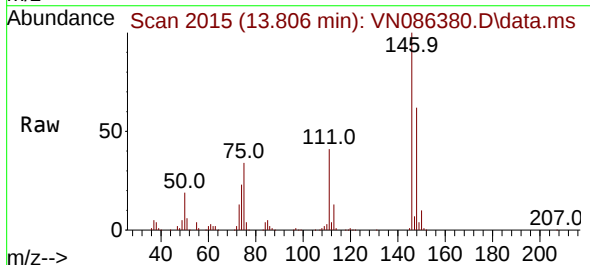
Tgt Ion:146 Resp: 253600
Ion Ratio Lower Upper
146 100
111 42.1 20.7 62.1
148 63.0 32.3 96.8

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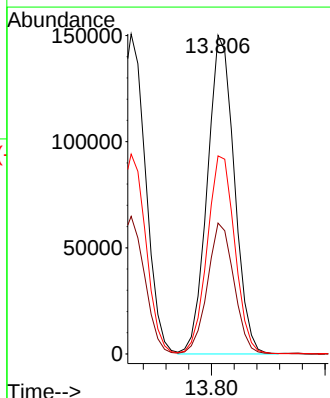
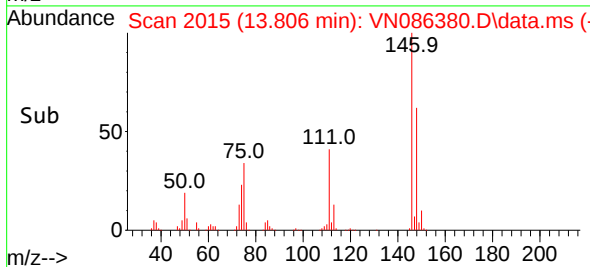
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

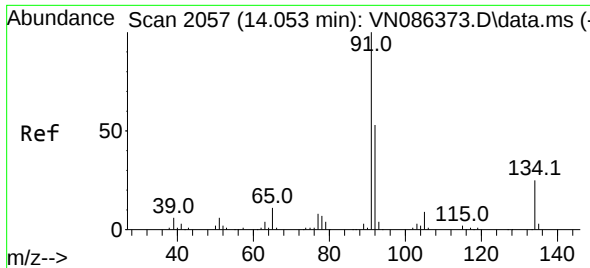


#84
1,4-Dichlorobenzene
Concen: 49.523 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17



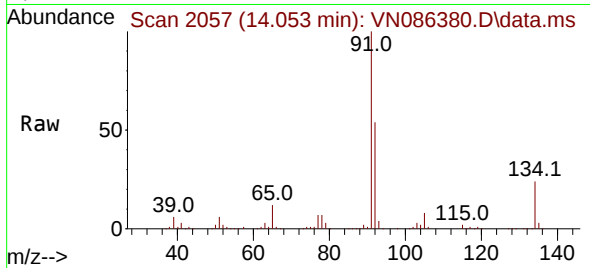
Tgt Ion:146 Resp: 247938
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 63.7 32.4 97.2





#85
n-Butylbenzene
Concen: 50.116 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

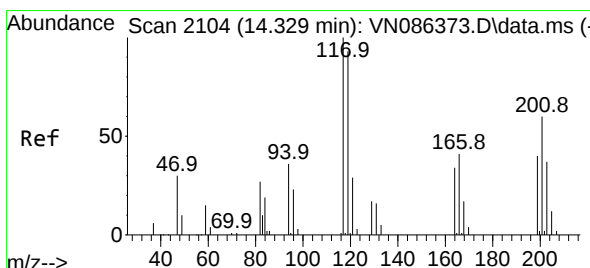
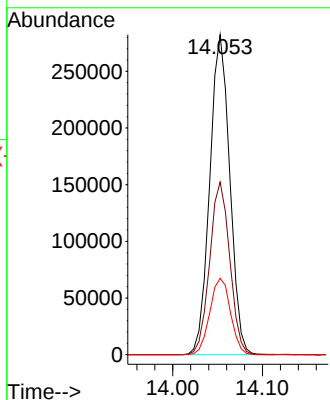
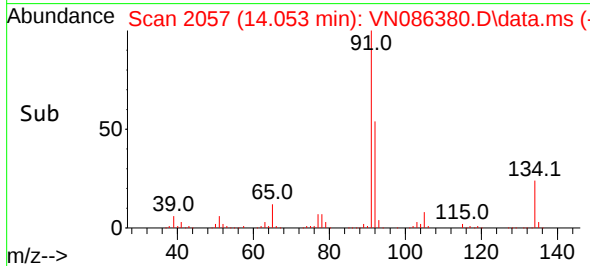
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 437654
Ion Ratio Lower Upper
91 100
92 54.1 0.0 107.2
134 24.7 0.0 48.2

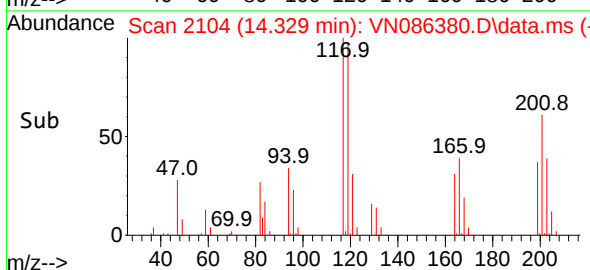
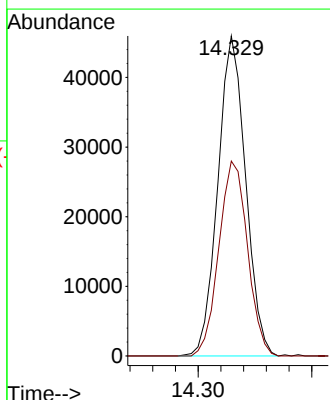
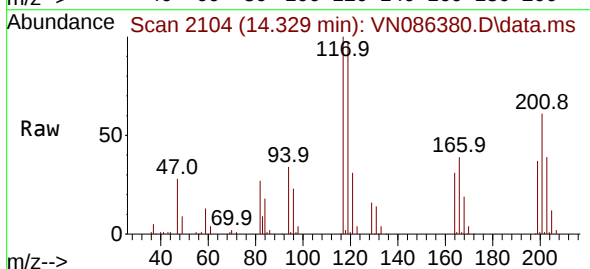
Manual Integrations
APPROVED

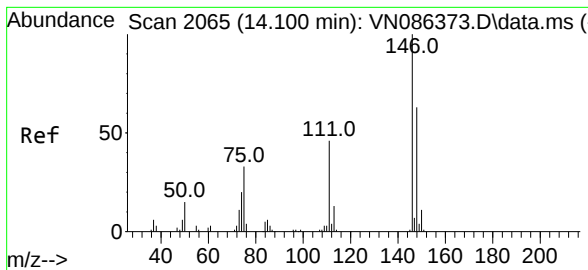
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#86
Hexachloroethane
Concen: 48.794 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion:117 Resp: 78086
Ion Ratio Lower Upper
117 100
201 62.7 31.7 95.1





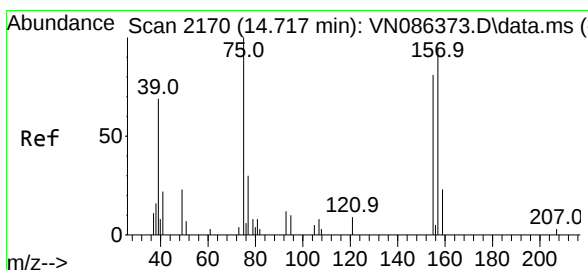
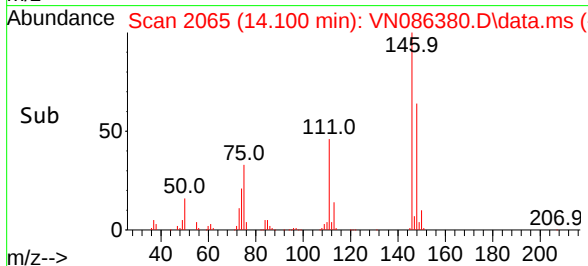
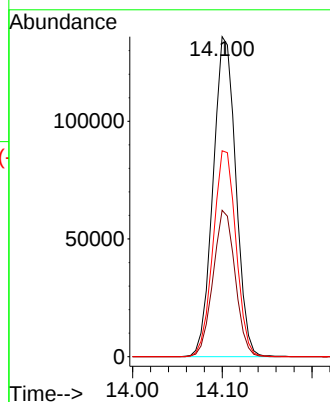
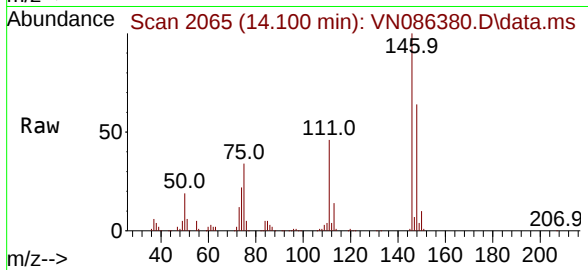
#87
1,2-Dichlorobenzene
Concen: 49.621 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:146 Resp: 23925
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.3
148 64.7 32.0 96.0

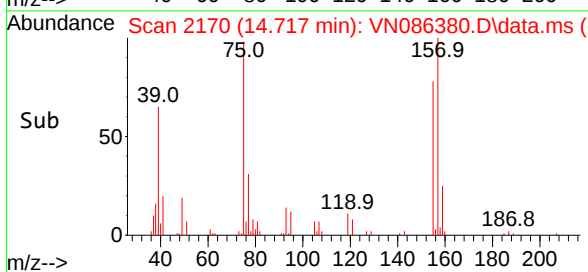
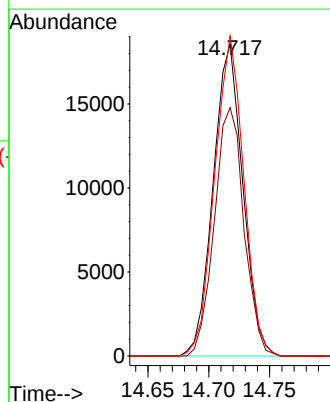
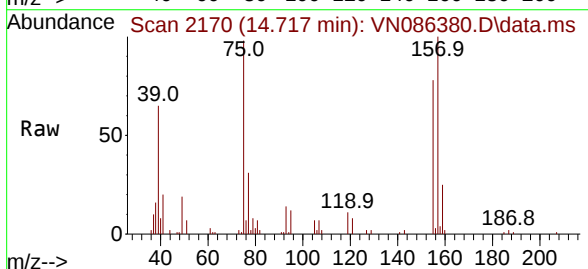
Manual Integrations
APPROVED

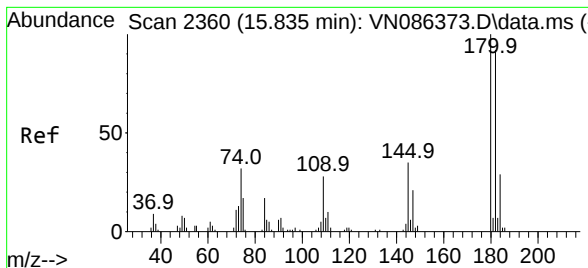
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 50.425 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion: 75 Resp: 31467
Ion Ratio Lower Upper
75 100
155 79.3 64.0 96.0
157 100.5 78.2 117.4





#89

1,2,4-Trichlorobenzene

Concen: 52.567 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086380.D

Acq: 23 Apr 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

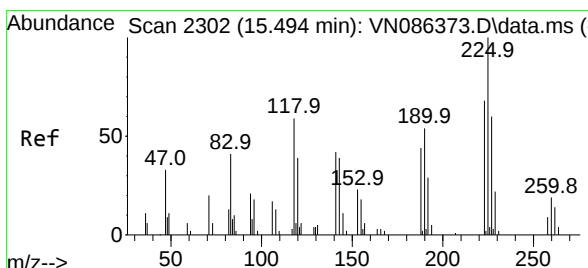
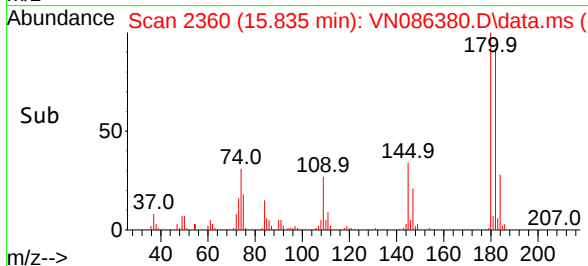
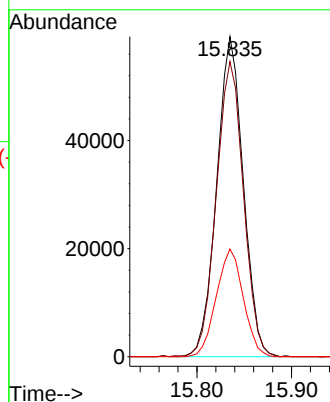
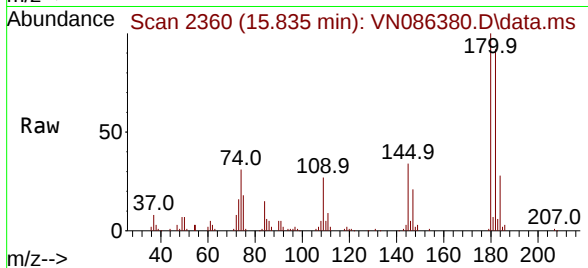
Tgt Ion:180	Resp: 11551
Ion Ratio	Lower Upper
180 100	
182 94.0	74.8 112.2
145 34.1	26.9 40.3

Manual Integrations

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Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#90

Hexachlorobutadiene

Concen: 51.862 ug/l

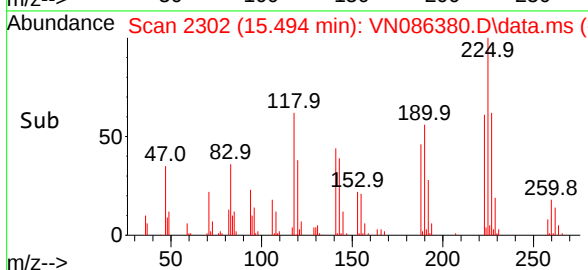
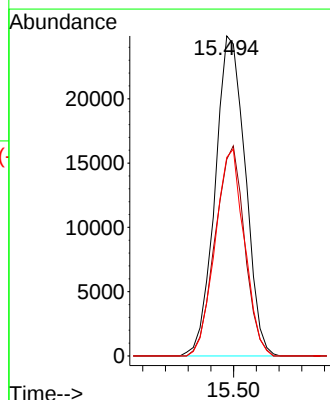
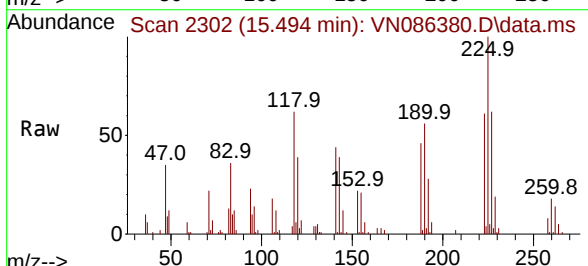
RT: 15.494 min Scan# 2302

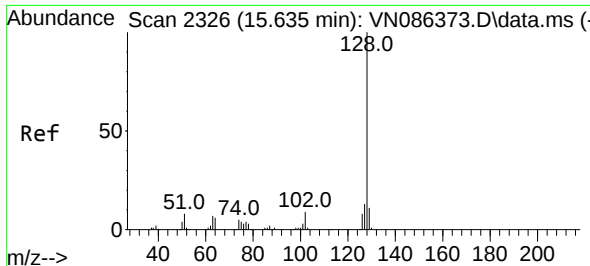
Delta R.T. 0.000 min

Lab File: VN086380.D

Acq: 23 Apr 2025 13:17

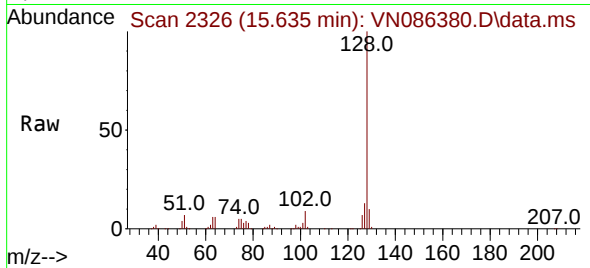
Tgt Ion:225	Resp: 45907
Ion Ratio	Lower Upper
225 100	
223 63.8	0.0 128.8
227 62.7	0.0 120.2





#91
Naphthalene
Concen: 52.908 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

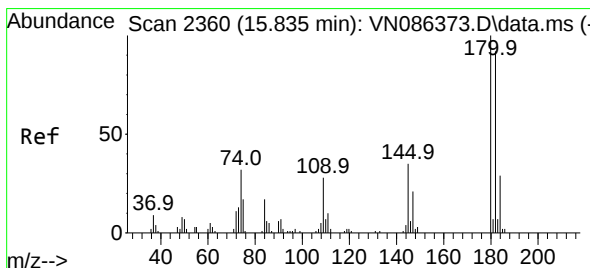
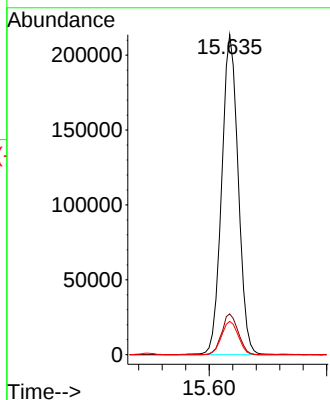
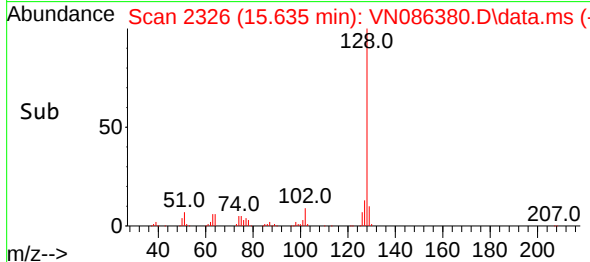
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:128 Resp: 416250
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.6 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 52.567 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086380.D
Acq: 23 Apr 2025 13:17

Tgt Ion:180 Resp: 115517
Ion Ratio Lower Upper
180 100
182 94.0 0.0 187.0
145 34.1 0.0 67.2

