

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
 Data File : VN082064.D
 Acq On : 10 May 2024 12:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 10 23:19:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	141987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	259550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112538	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	133434	55.682	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.360%	
35) Dibromofluoromethane	8.171	113	97042	54.719	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.440%	
50) Toluene-d8	10.571	98	404898	58.132	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 116.260%#	
62) 4-Bromofluorobenzene	12.847	95	143972	52.290	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 104.580%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	98612	49.475	ug/l	97
3) Chloromethane	2.360	50	113287	54.483	ug/l	98
4) Vinyl Chloride	2.518	62	111807	59.402	ug/l	98
5) Bromomethane	2.954	94	52586	67.458	ug/l	99
6) Chloroethane	3.118	64	65211	68.549	ug/l	98
7) Trichlorofluoromethane	3.501	101	147244	50.571	ug/l #	83
8) Diethyl Ether	3.959	74	68756	55.590	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	96851	57.294	ug/l	91
10) Methyl Iodide	4.583	142	89631	60.538	ug/l	97
11) Tert butyl alcohol	5.512	59	107858	247.587	ug/l #	82
12) 1,1-Dichloroethene	4.342	96	93861	54.579	ug/l	92
13) Acrolein	4.183	56	82090	241.297	ug/l	99
14) Allyl chloride	5.018	41	175567	48.264	ug/l #	91
15) Acrylonitrile	5.718	53	311595	297.871	ug/l	99
16) Acetone	4.418	43	226213	320.774	ug/l	100
17) Carbon Disulfide	4.712	76	239107	46.259	ug/l	96
18) Methyl Acetate	5.018	43	159140	65.564	ug/l #	89
19) Methyl tert-butyl Ether	5.795	73	353668	54.501	ug/l	94
20) Methylene Chloride	5.277	84	112667	54.861	ug/l #	81
21) trans-1,2-Dichloroethene	5.783	96	96226	51.319	ug/l	90
22) Diisopropyl ether	6.671	45	429170	60.970	ug/l #	91
23) Vinyl Acetate	6.600	43	1641017m	286.925	ug/l	
24) 1,1-Dichloroethane	6.571	63	214574	58.567	ug/l	97
25) 2-Butanone	7.483	43	420615	309.249	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	178418	52.939	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	126219	57.606	ug/l	87
28) Bromochloromethane	7.818	49	104606	60.074	ug/l #	72
29) Tetrahydrofuran	7.836	42	282467	289.604	ug/l	87
30) Chloroform	7.965	83	197708	54.442	ug/l	97
31) Cyclohexane	8.259	56	191063	52.926	ug/l	86
32) 1,1,1-Trichloroethane	8.165	97	158860	49.052	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	144201	49.980	ug/l	95
37) Ethyl Acetate	7.553	43	169575	54.360	ug/l	98
38) Carbon Tetrachloride	8.365	117	128093	45.425	ug/l	97
39) Methylcyclohexane	9.600	83	169819	48.464	ug/l	92
40) Benzene	8.606	78	469094	54.161	ug/l	99

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 VSTDCCC050

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	99503	49.989	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	152599	47.447	ug/l	97
43) Isopropyl Acetate	8.688	43	313202	53.397	ug/l #	92
44) Trichloroethene	9.353	130	96995	48.573	ug/l	82
45) 1,2-Dichloropropane	9.624	63	125406	55.325	ug/l	98
46) Dibromomethane	9.706	93	76450	48.797	ug/l #	85
47) Bromodichloromethane	9.888	83	162757	49.259	ug/l	97
48) Methyl methacrylate	9.683	41	140097	50.032	ug/l	87
49) 1,4-Dioxane	9.700	88	43942	1032.488	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	916103	277.441	ug/l	93
52) Toluene	10.630	92	273286	52.689	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	182971	50.893	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	195074	52.647	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	104851	51.401	ug/l	95
56) Ethyl methacrylate	10.877	69	197364	50.811	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	198321	54.685	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	442533	250.088	ug/l	90
59) 2-Hexanone	11.194	43	697736	283.940	ug/l	95
60) Dibromochloromethane	11.359	129	107549	49.778	ug/l	97
61) 1,2-Dibromoethane	11.471	107	102629	52.610	ug/l	96
64) Tetrachloroethene	11.106	164	77731	41.234	ug/l #	92
65) Chlorobenzene	11.894	112	287014	50.637	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	89955	48.833	ug/l	94
67) Ethyl Benzene	11.965	91	540588	51.284	ug/l	94
68) m/p-Xylenes	12.071	106	384807	102.344	ug/l	93
69) o-Xylene	12.400	106	194807	53.069	ug/l	94
70) Styrene	12.412	104	331070	52.136	ug/l	95
71) Bromoform	12.582	173	61484	42.455	ug/l #	95
73) Isopropylbenzene	12.694	105	494761	49.448	ug/l	96
74) N-amyl acetate	12.494	43	277768	49.863	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	159688	53.146	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	141256m	48.411	ug/l	
77) Bromobenzene	12.982	156	99397	47.472	ug/l	64
78) n-propylbenzene	13.035	91	615421	50.636	ug/l	94
79) 2-Chlorotoluene	13.124	91	363912	47.062	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	409868	48.408	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	71764	50.398	ug/l	90
82) 4-Chlorotoluene	13.224	91	359336	47.866	ug/l	94
83) tert-Butylbenzene	13.441	119	336224	47.685	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	405507	47.959	ug/l	98
85) sec-Butylbenzene	13.618	105	509694	51.319	ug/l	96
86) p-Isopropyltoluene	13.729	119	399371	50.079	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	192738	49.334	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	188650	49.036	ug/l	95
89) n-Butylbenzene	14.059	91	391100	52.688	ug/l	95
90) Hexachloroethane	14.335	117	79658	50.777	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	181759	48.531	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	30740	42.022	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	96885	46.240	ug/l	98
94) Hexachlorobutadiene	15.506	225	34058	44.100	ug/l	95
95) Naphthalene	15.641	128	379791	47.969	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	95644	47.544	ug/l	96

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

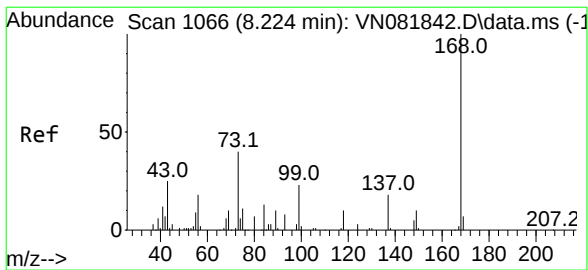
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024

Quant Time: May 10 23:19:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



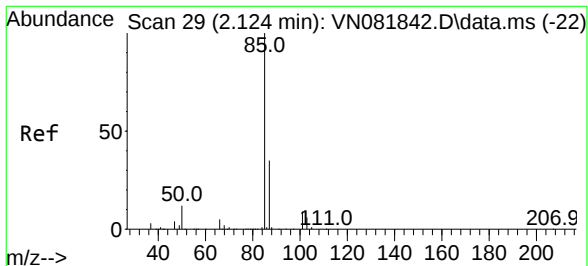
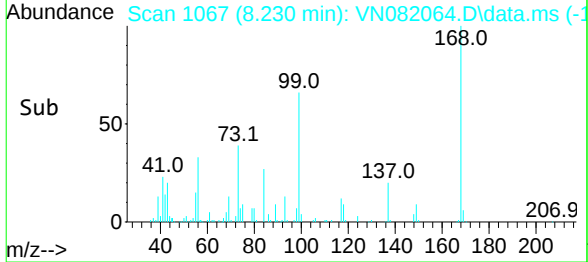
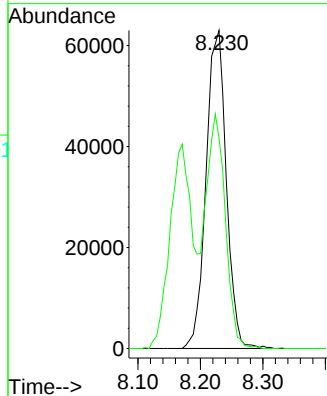
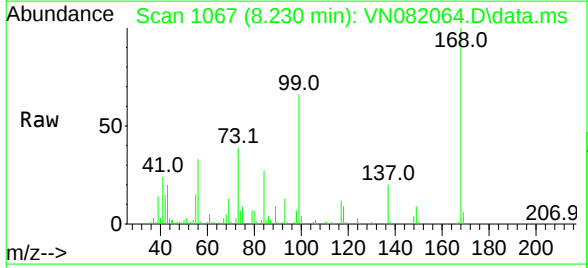
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 141987
Ion Ratio Lower Upper
168 100
99 66.2 48.2 72.4

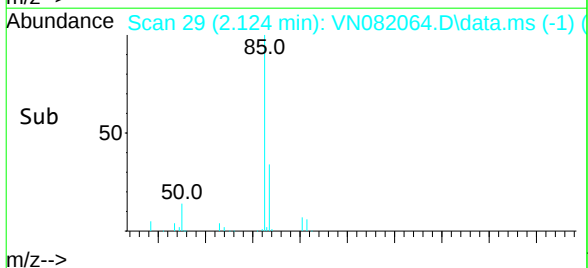
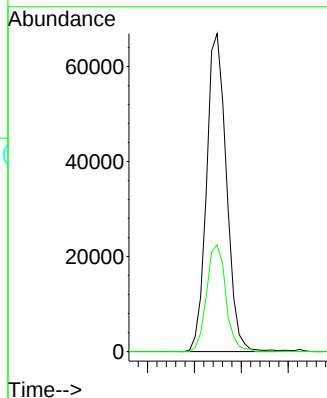
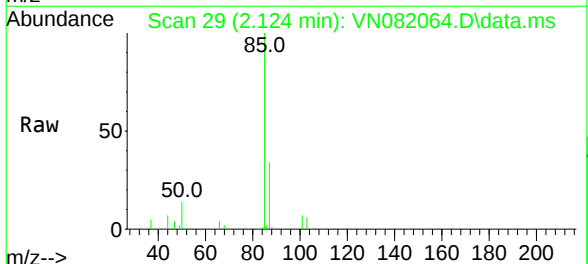
Manual Integrations
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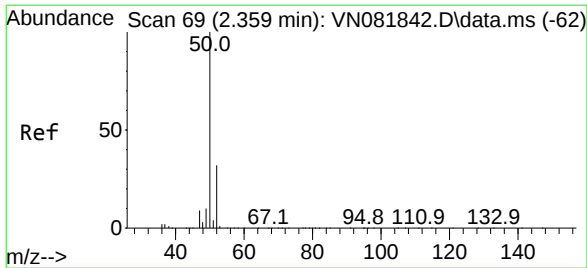
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#2
Dichlorodifluoromethane
Concen: 49.475 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion: 85 Resp: 98612
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





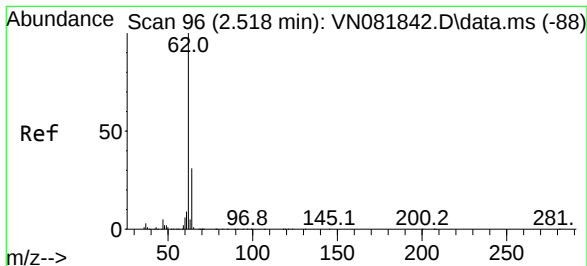
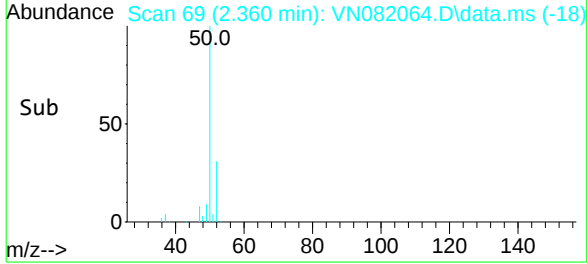
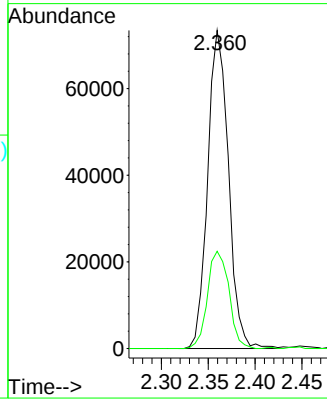
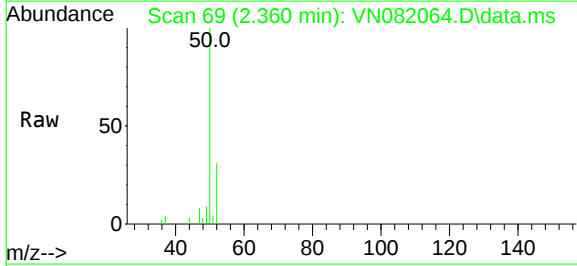
#3
Chloromethane
Concen: 54.483 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 113287
Ion Ratio Lower Upper
50 100
52 30.6 25.5 38.3

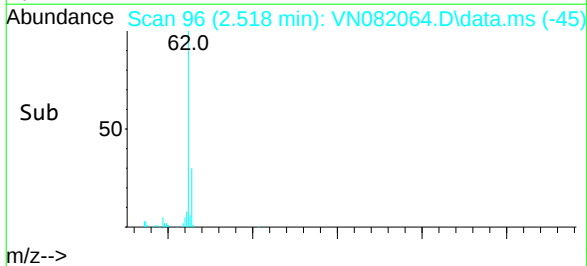
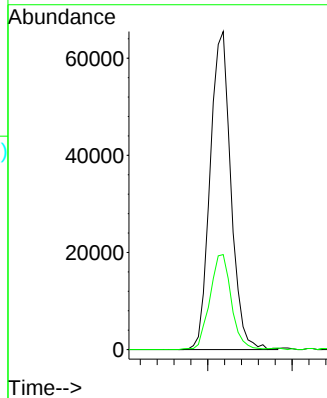
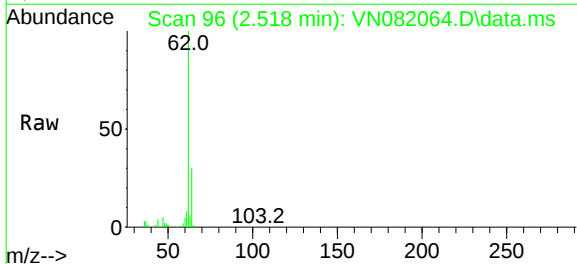
Manual Integrations
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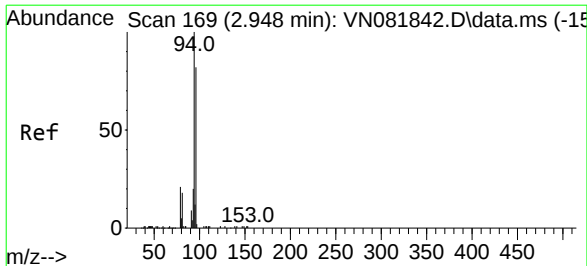
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#4
Vinyl Chloride
Concen: 59.402 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion: 62 Resp: 111807
Ion Ratio Lower Upper
62 100
64 29.9 24.6 37.0





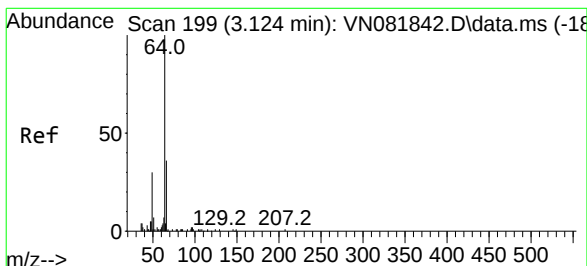
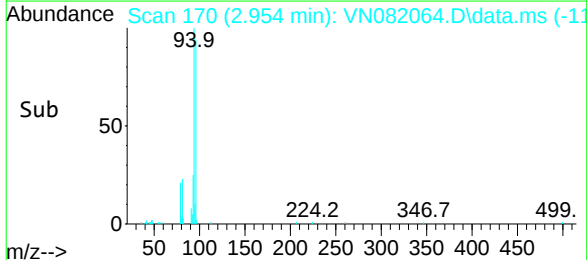
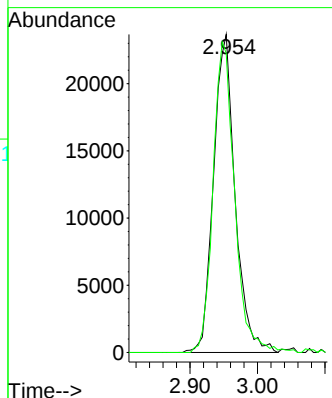
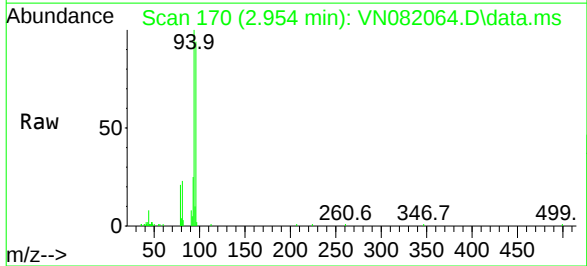
#5
Bromomethane
Concen: 67.458 ug/l
RT: 2.954 min Scan# 17
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 52586
Ion Ratio Lower Upper
94 100
96 94.1 74.8 112.2

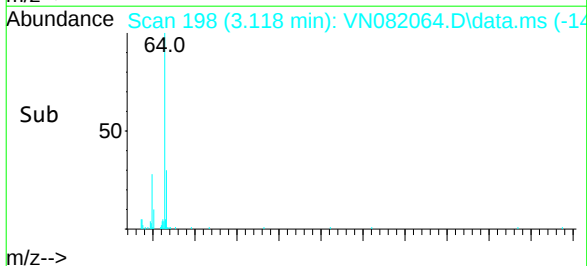
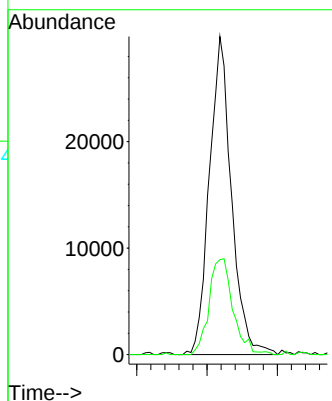
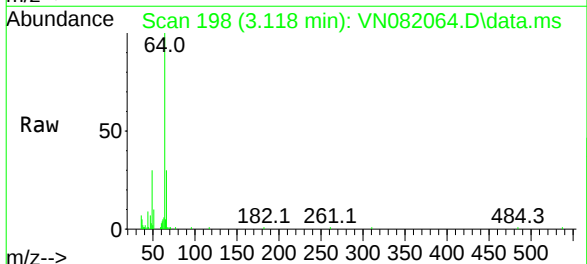
Manual Integrations
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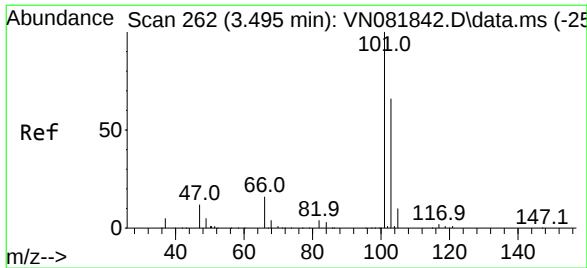
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#6
Chloroethane
Concen: 68.549 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion: 64 Resp: 65211
Ion Ratio Lower Upper
64 100
66 29.8 24.7 37.1





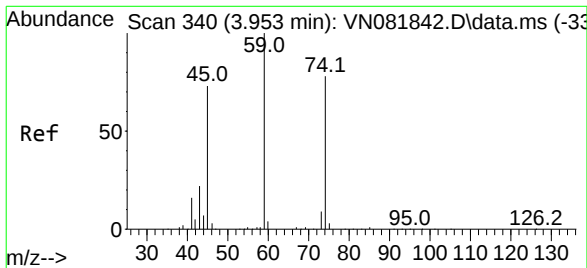
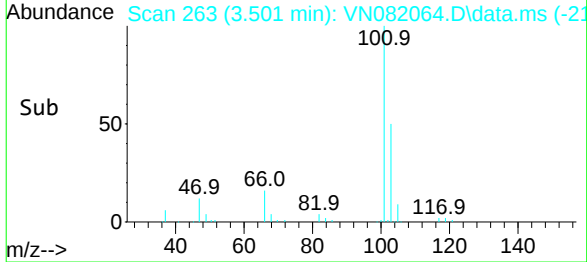
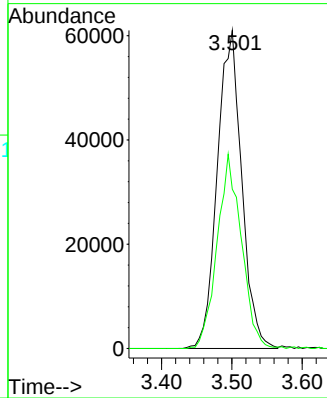
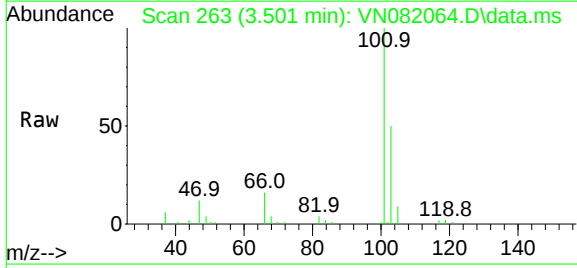
#7
 Trichlorofluoromethane
 Concen: 50.571 ug/l
 RT: 3.501 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN082064.D
 Acq: 10 May 2024 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 147244
 Ion Ratio Lower Upper
 101 100
 103 50.1 50.6 75.8#

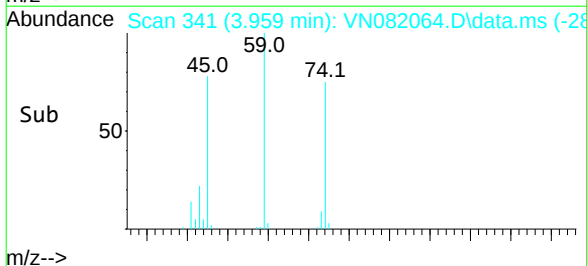
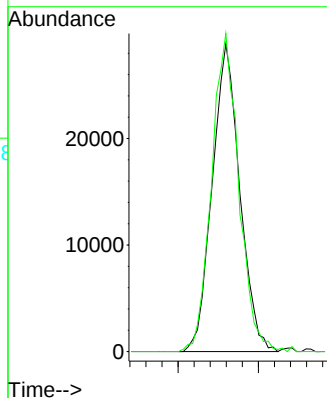
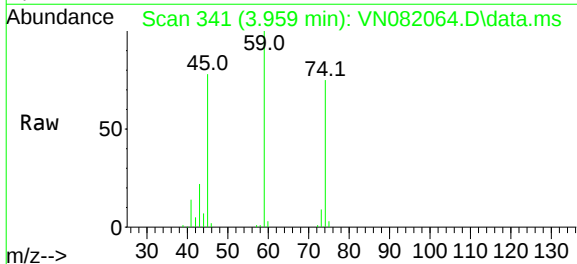
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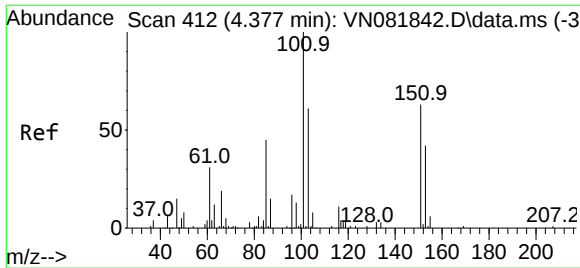
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#8
 Diethyl Ether
 Concen: 55.590 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN082064.D
 Acq: 10 May 2024 12:38

Tgt Ion: 74 Resp: 68756
 Ion Ratio Lower Upper
 74 100
 45 102.2 42.4 127.3





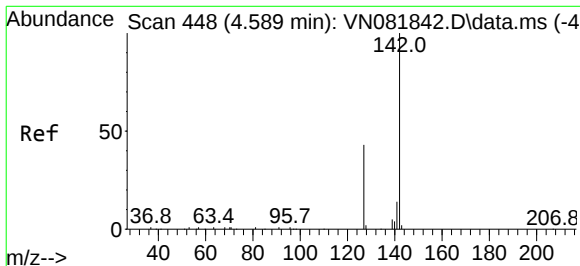
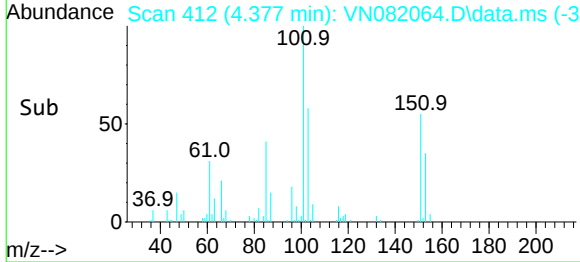
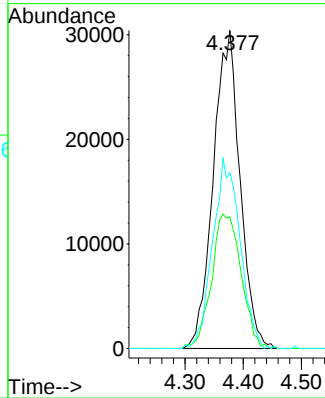
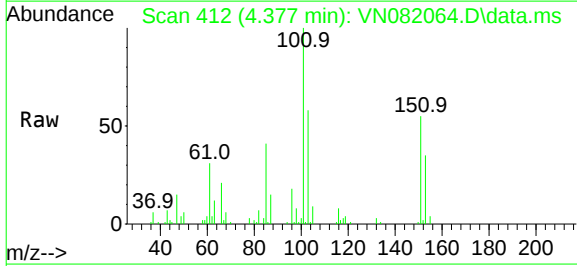
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.294 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.8	37.3	55.9
151	61.3	59.2	88.8

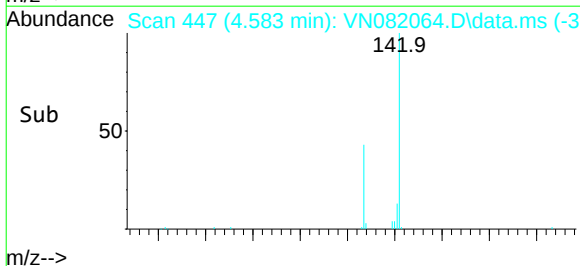
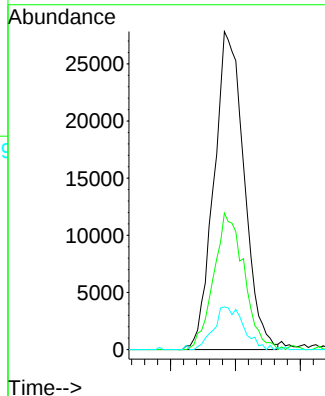
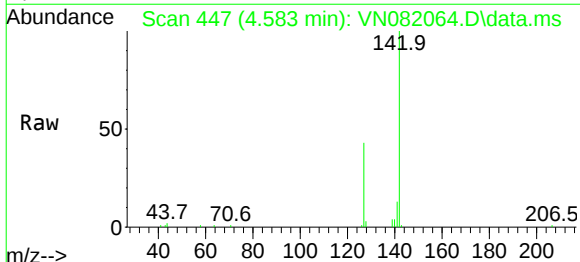
Manual Integrations
APPROVED

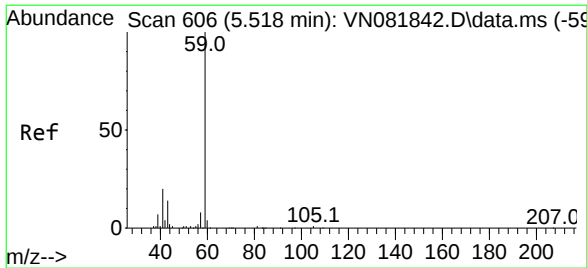
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#10
Methyl Iodide
Concen: 60.538 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.9	35.8	53.6
141	13.4	11.4	17.2





#11

Tert butyl alcohol

Concen: 247.587 ug/l

RT: 5.512 min Scan# 606

Delta R.T. -0.006 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 107858

Ion Ratio Lower Upper

59 100

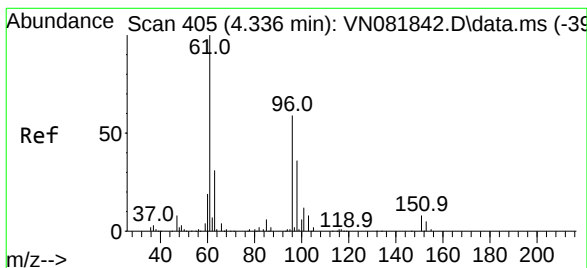
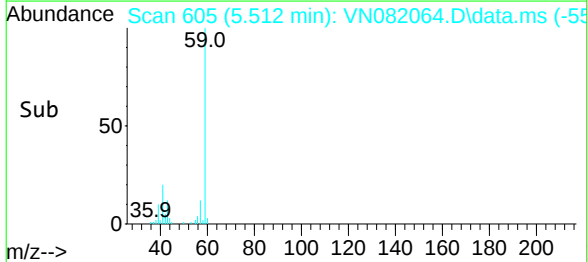
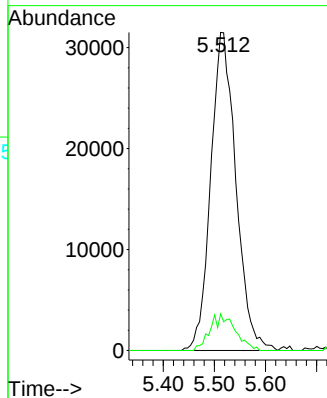
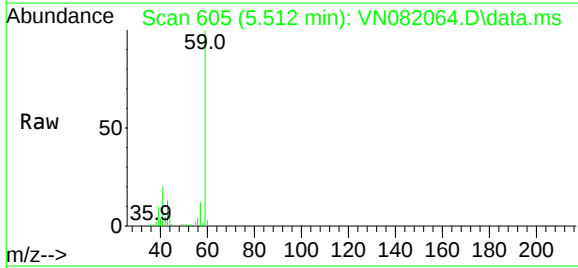
57 4.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#12

1,1-Dichloroethene

Concen: 54.579 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

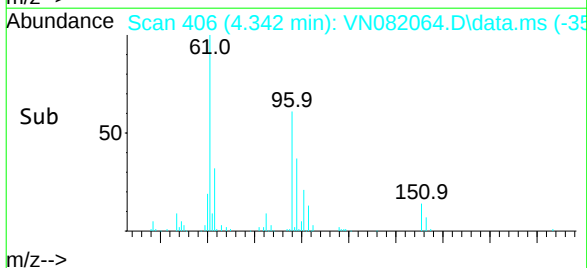
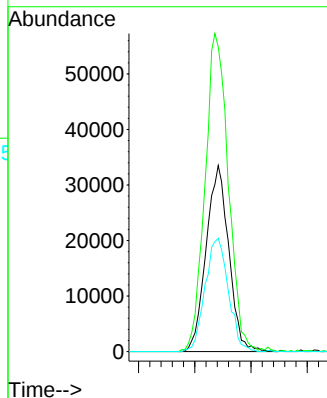
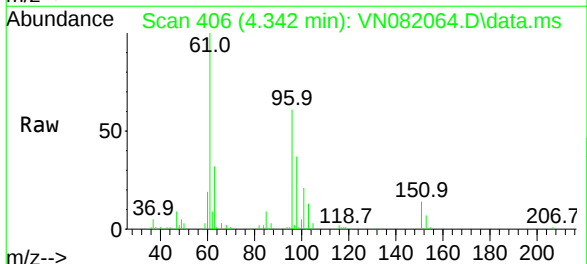
Tgt Ion: 96 Resp: 93861

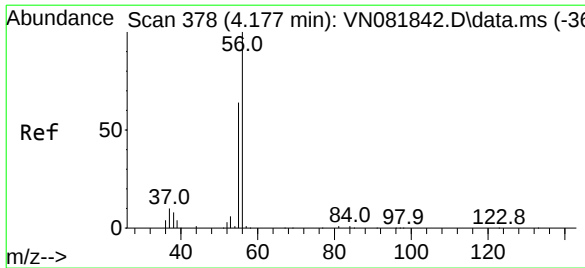
Ion Ratio Lower Upper

96 100

61 163.8 119.7 179.5

98 60.9 49.6 74.4





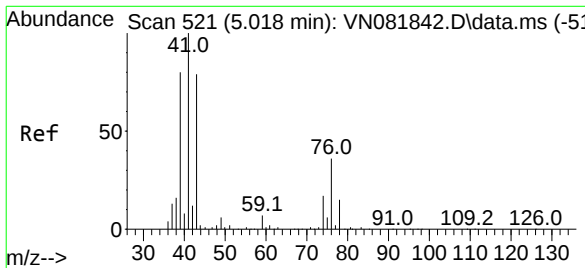
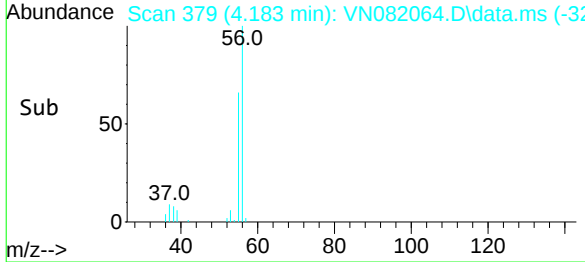
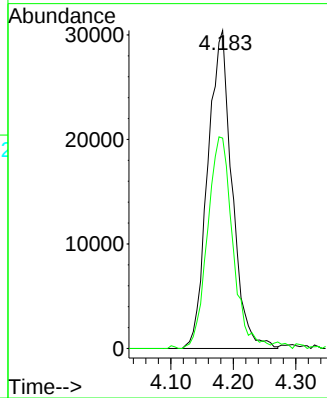
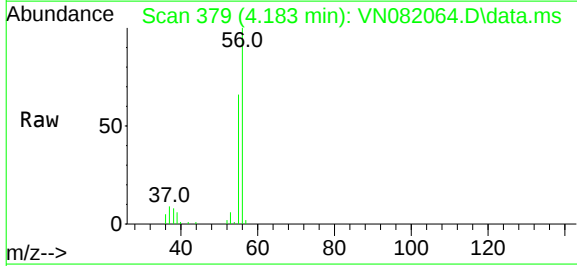
#13
Acrolein
Concen: 241.297 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 82096
Ion Ratio Lower Upper
56 100
55 68.9 55.8 83.8

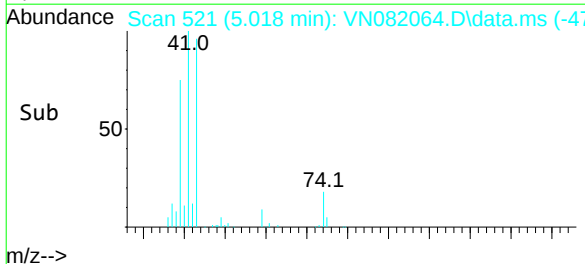
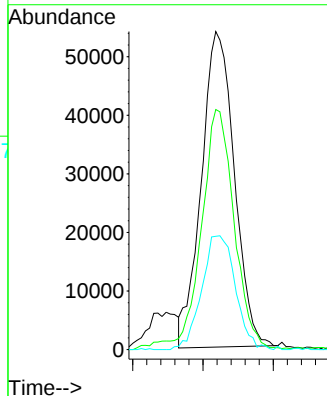
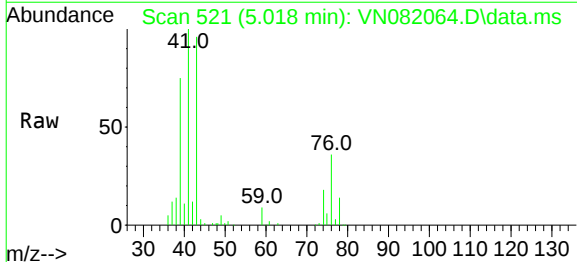
Manual Integrations
APPROVED

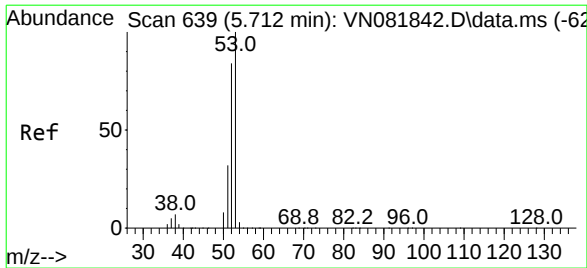
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#14
Allyl chloride
Concen: 48.264 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion: 41 Resp: 175567
Ion Ratio Lower Upper
41 100
39 76.5 65.4 98.0
76 36.8 37.3 55.9#





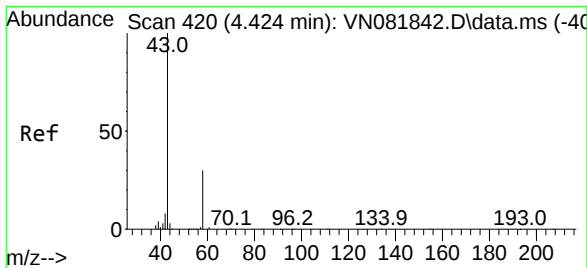
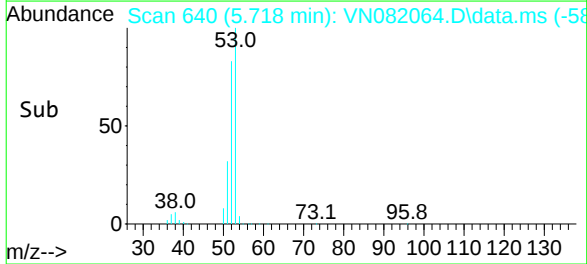
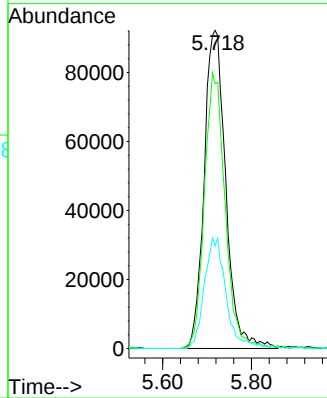
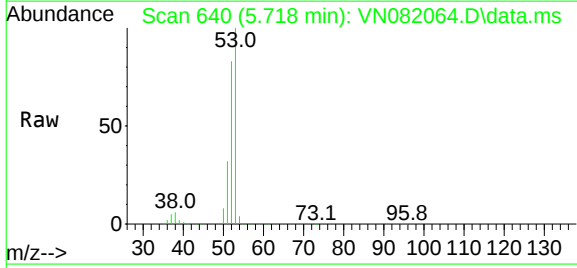
#15
Acrylonitrile
Concen: 297.871 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.1	99.1
51	35.1	29.4	44.2

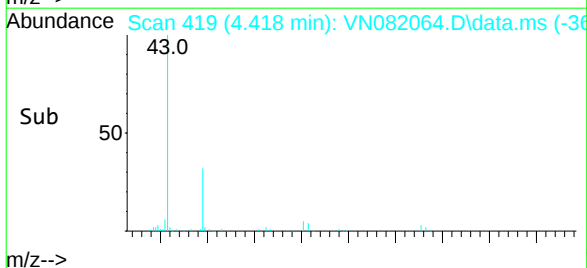
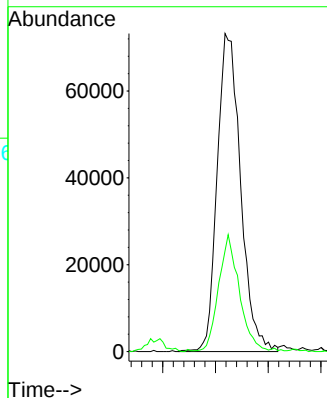
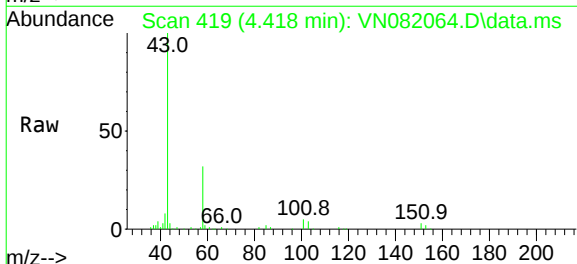
Manual Integrations
APPROVED

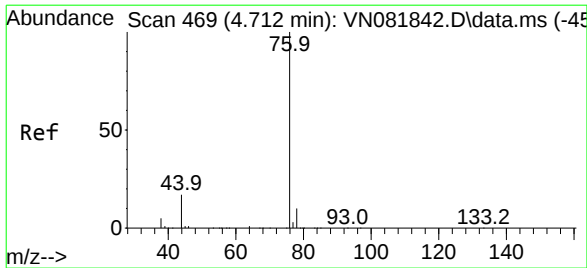
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#16
Acetone
Concen: 320.774 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

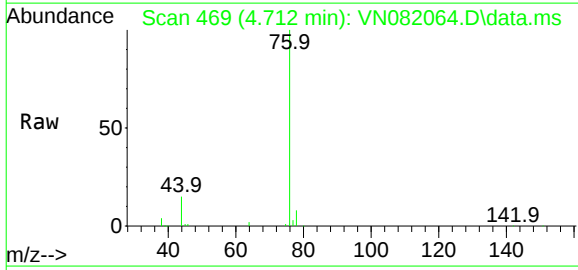
Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.2	37.8





#17
Carbon Disulfide
Concen: 46.259 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

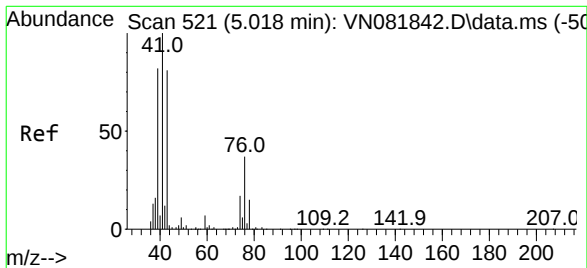
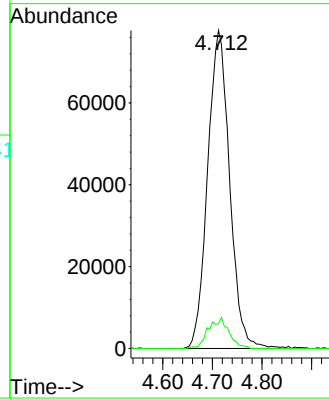
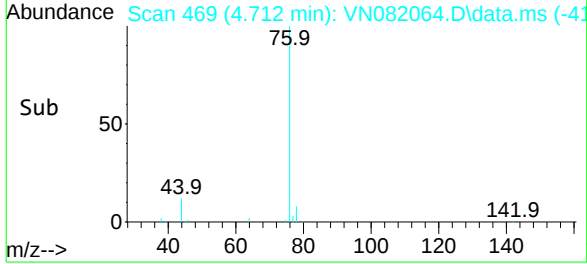
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 239107
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3

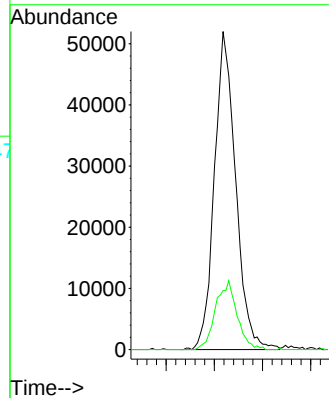
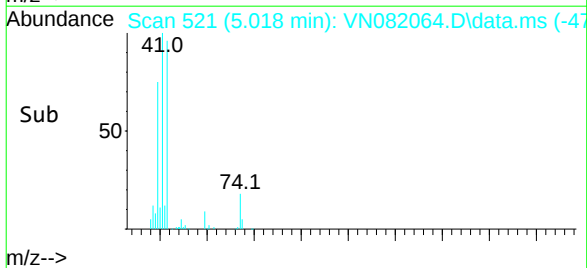
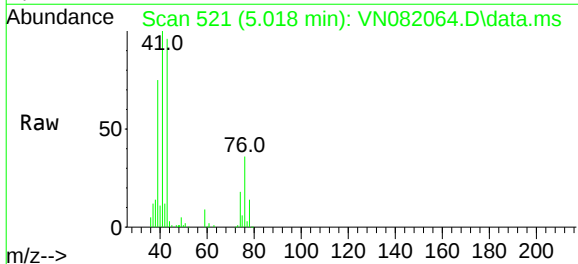
Manual Integrations
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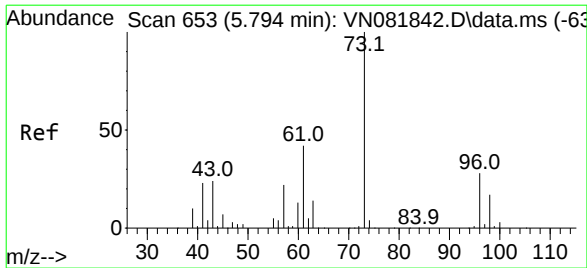
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#18
Methyl Acetate
Concen: 65.564 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion: 43 Resp: 159140
Ion Ratio Lower Upper
43 100
74 21.9 22.2 33.2#





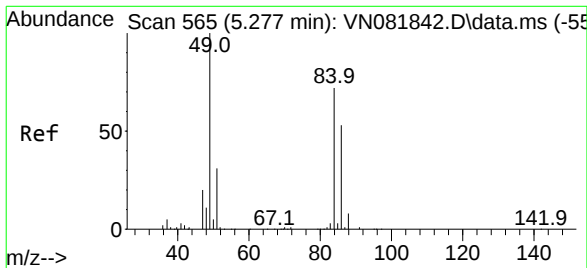
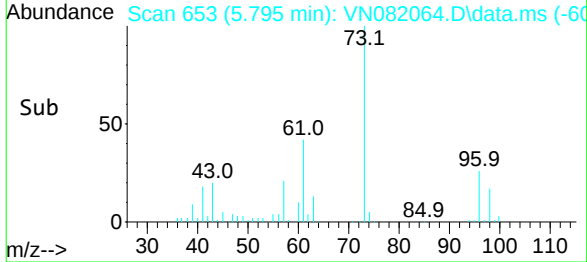
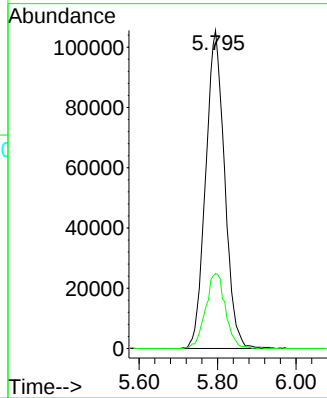
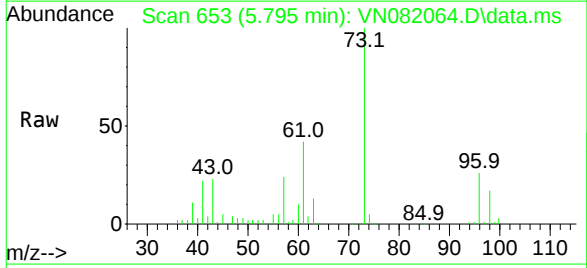
#19
Methyl tert-butyl Ether
Concen: 54.501 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 353668
Ion Ratio Lower Upper
73 100
57 23.6 16.5 24.7

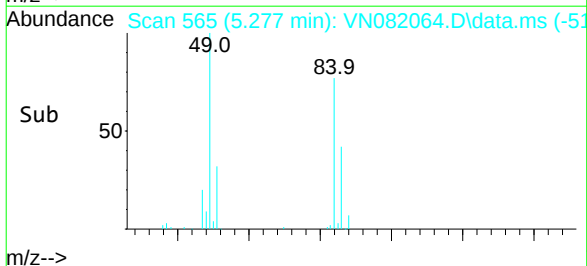
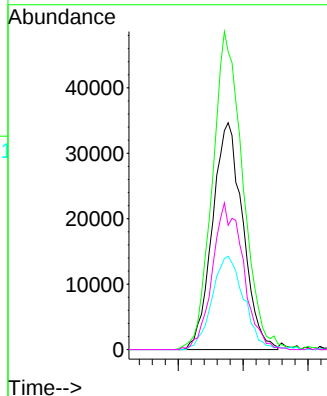
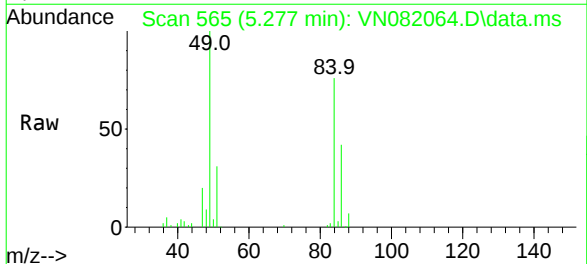
Manual Integrations
APPROVED

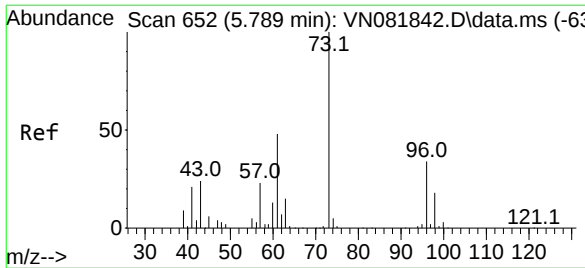
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#20
Methylene Chloride
Concen: 54.861 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion: 84 Resp: 112667
Ion Ratio Lower Upper
84 100
49 130.9 84.9 127.3#
51 41.1 27.0 40.6#
86 54.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 51.319 ug/l

RT: 5.783 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 96226

Ion Ratio Lower Upper

96 100

61 135.8 96.5 144.7

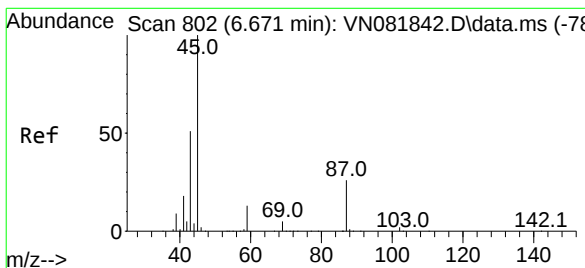
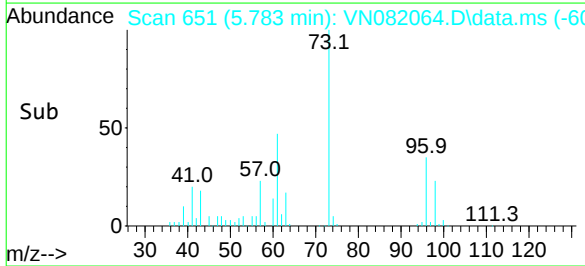
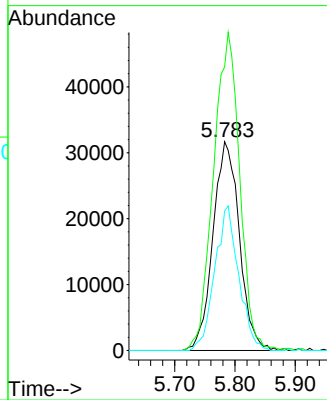
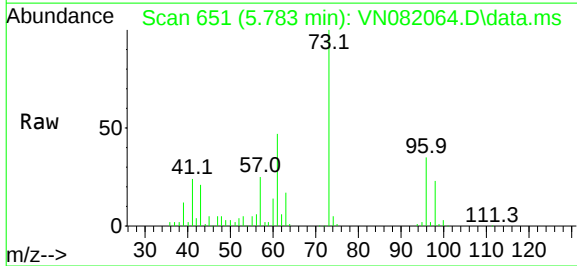
98 66.8 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#22

Diisopropyl ether

Concen: 60.970 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Tgt Ion: 45 Resp: 429170

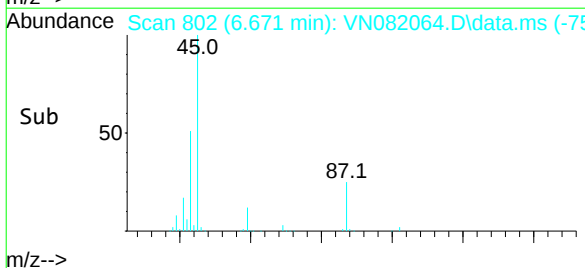
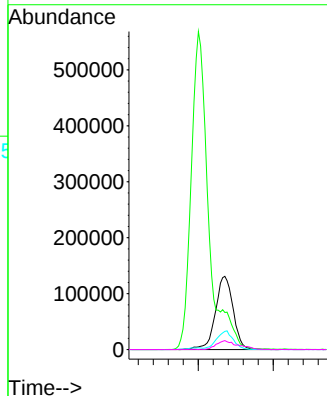
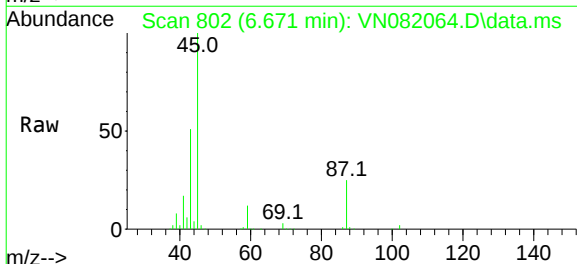
Ion Ratio Lower Upper

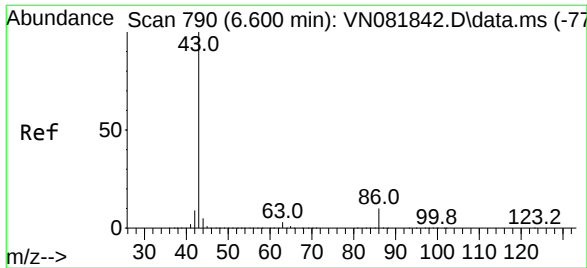
45 100

43 50.2 44.1 66.1

87 24.8 27.0 40.6#

59 12.2 9.6 14.4





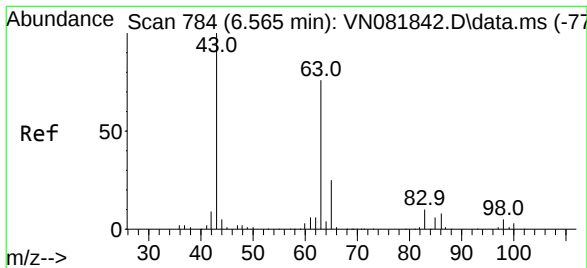
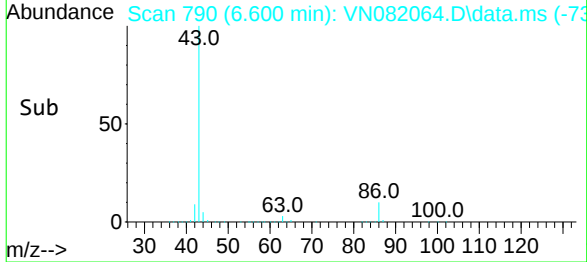
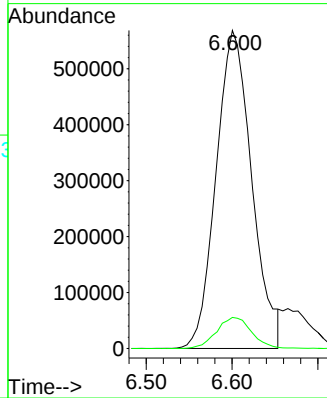
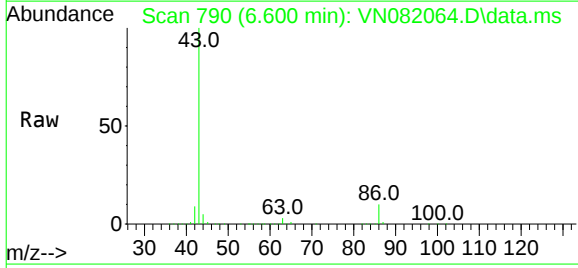
#23
 Vinyl Acetate
 Concen: 286.925 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN082064.D
 Acq: 10 May 2024 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1641017
 Ion Ratio Lower Upper
 43 100
 86 9.8 10.2 15.4#

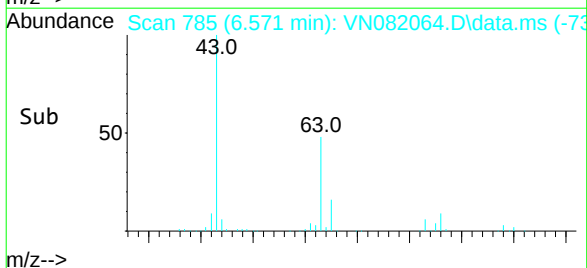
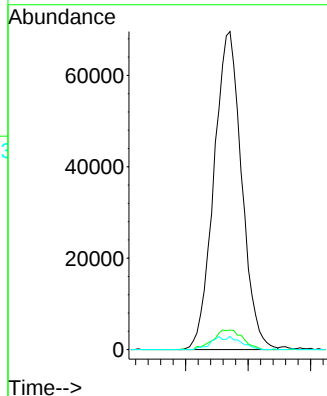
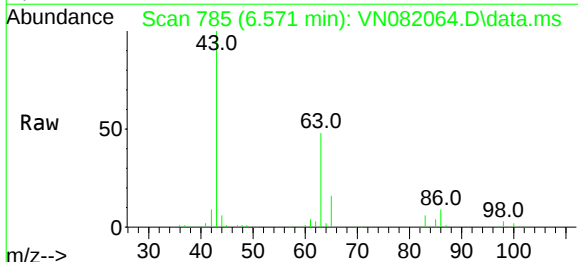
Manual Integrations
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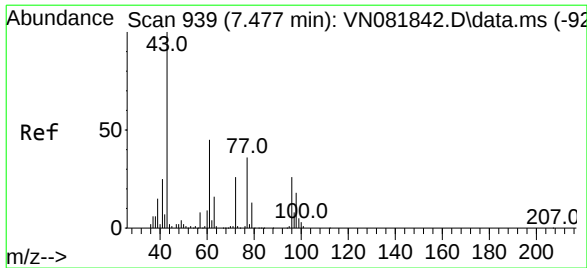
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#24
 1,1-Dichloroethane
 Concen: 58.567 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN082064.D
 Acq: 10 May 2024 12:38

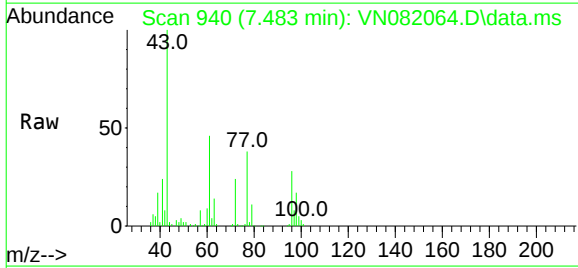
Tgt Ion: 63 Resp: 214574
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 4.1 2.6 7.8





#25
2-Butanone
Concen: 309.249 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

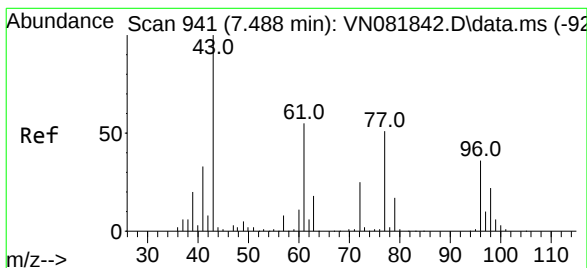
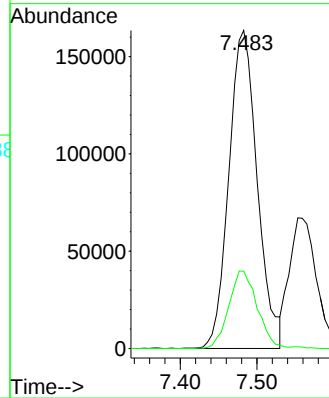
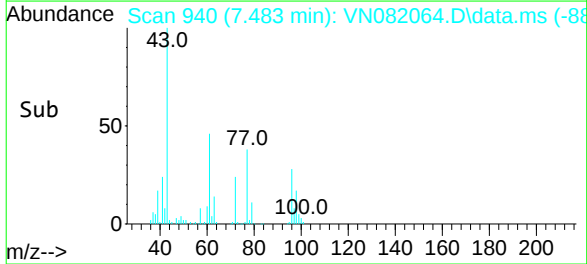
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 420615
Ion Ratio Lower Upper
43 100
72 24.3 25.3 37.9#

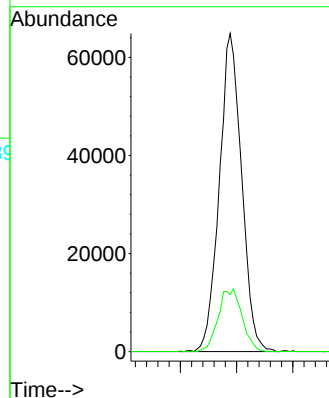
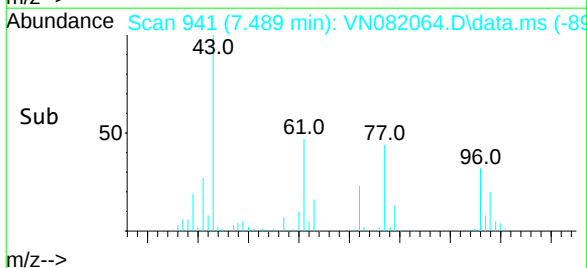
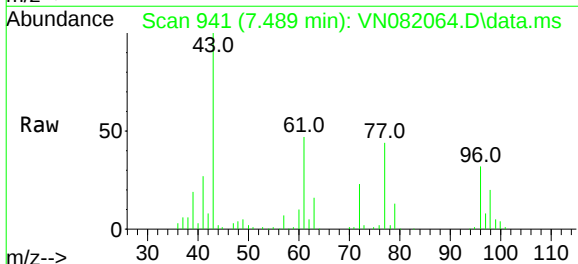
Manual Integrations
APPROVED

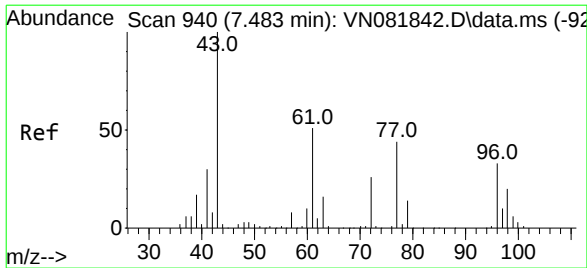
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#26
2,2-Dichloropropane
Concen: 52.939 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion: 77 Resp: 178418
Ion Ratio Lower Upper
77 100
97 21.1 11.3 33.9





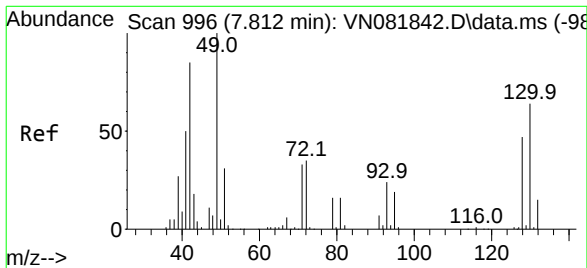
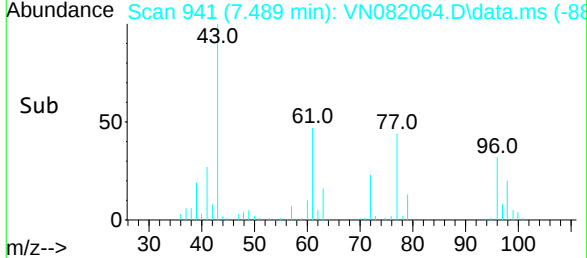
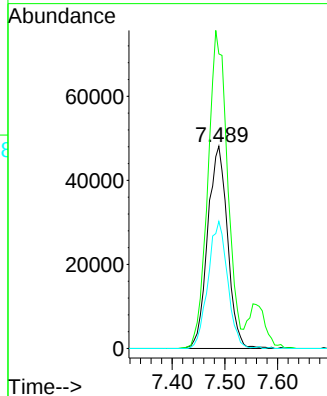
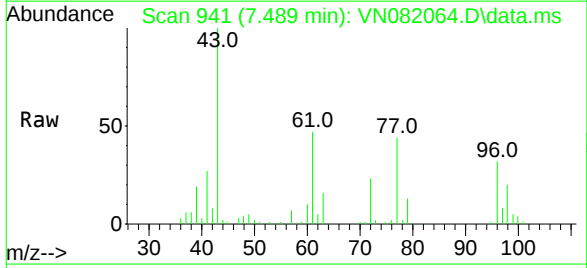
#27
 cis-1,2-Dichloroethene
 Concen: 57.606 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN082064.D
 Acq: 10 May 2024 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	0.0	268.0
98	61.6	0.0	126.8

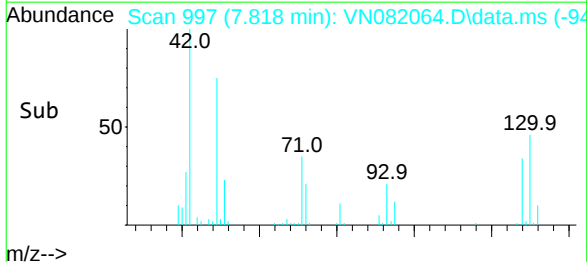
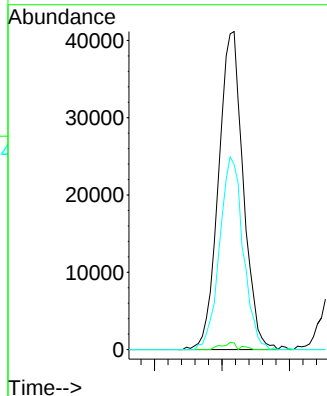
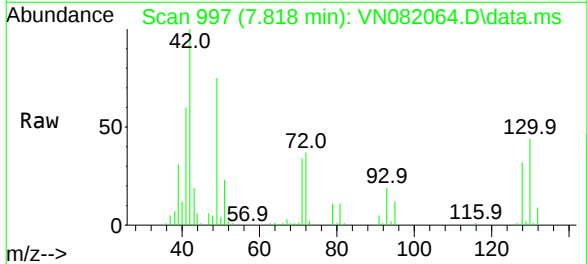
Manual Integrations
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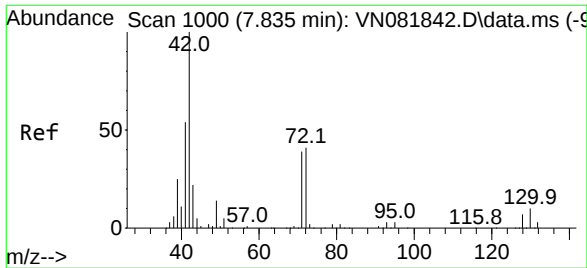
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#28
 Bromochloromethane
 Concen: 60.074 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082064.D
 Acq: 10 May 2024 12:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.6
130	57.9	66.7	100.1#





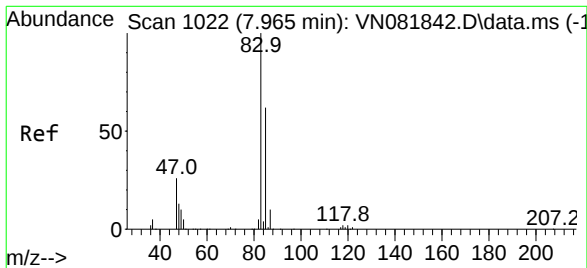
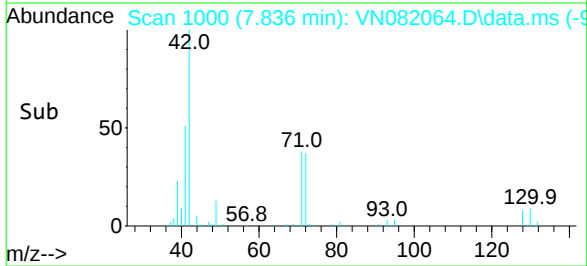
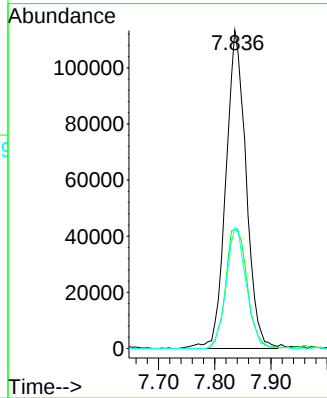
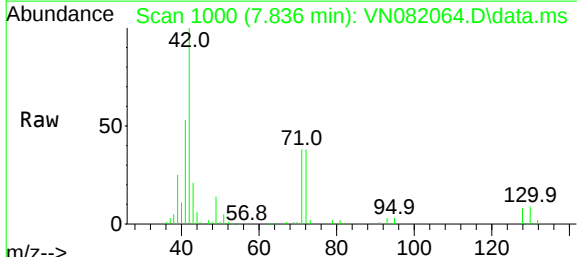
#29
Tetrahydrofuran
Concen: 289.604 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 282467
Ion Ratio Lower Upper
42 100
72 40.1 39.3 58.9
71 37.9 37.4 56.0

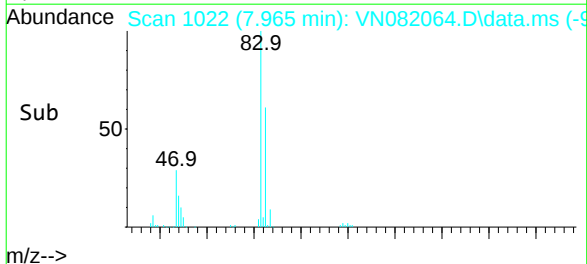
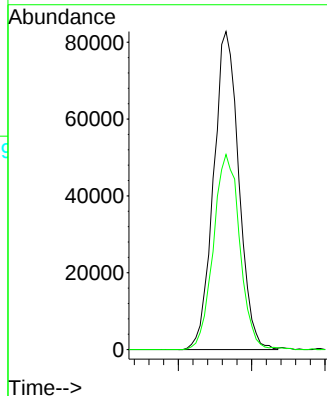
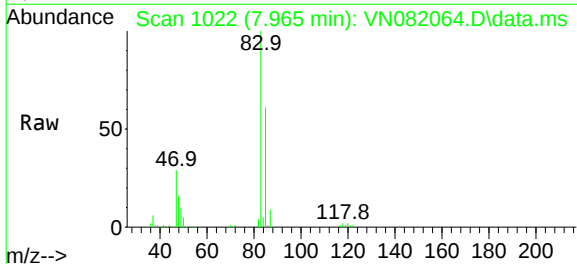
Manual Integrations
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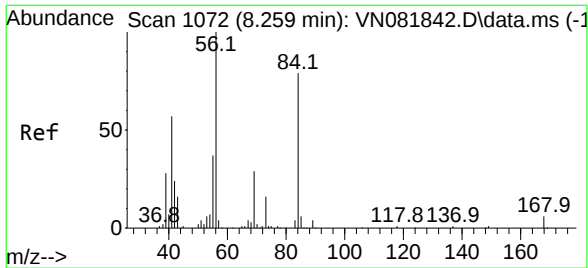
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#30
Chloroform
Concen: 54.442 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

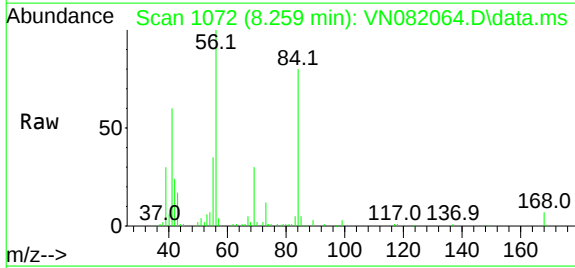
Tgt Ion: 83 Resp: 197708
Ion Ratio Lower Upper
83 100
85 61.3 50.7 76.1





#31
Cyclohexane
Concen: 52.926 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

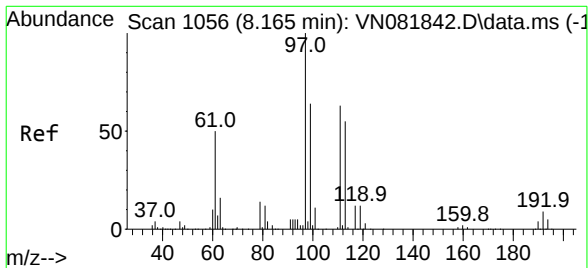
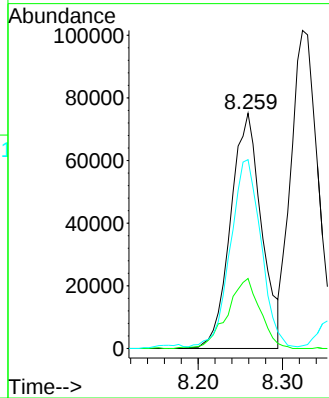
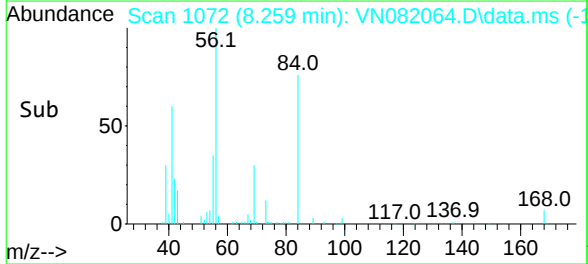
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 191063
Ion Ratio Lower Upper
56 100
69 29.4 24.4 36.6
84 78.6 77.0 115.4

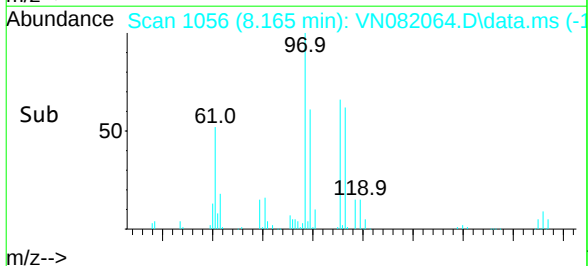
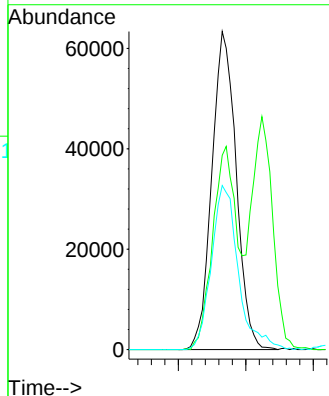
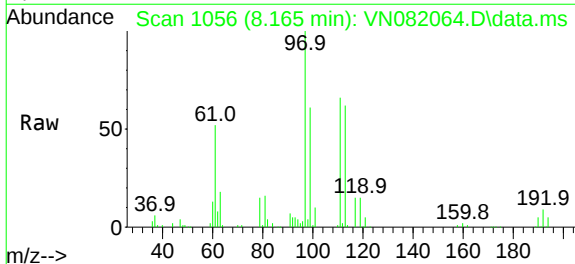
Manual Integrations
APPROVED

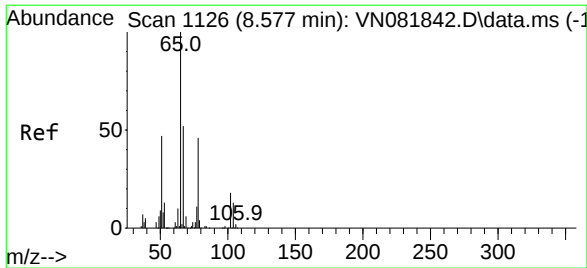
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#32
1,1,1-Trichloroethane
Concen: 49.052 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion: 97 Resp: 158860
Ion Ratio Lower Upper
97 100
99 62.3 50.3 75.5
61 56.9 36.6 55.0#





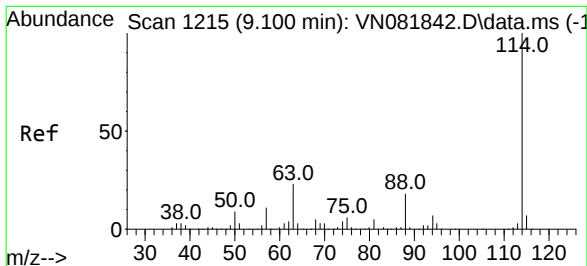
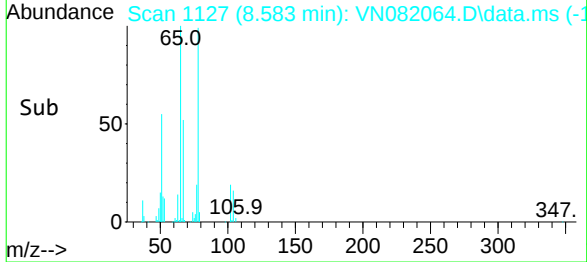
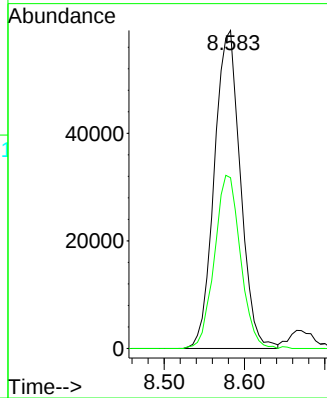
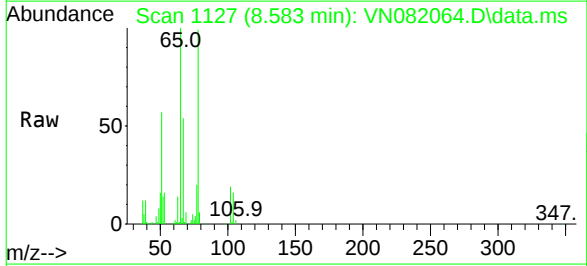
#33
1,2-Dichloroethane-d4
Concen: 55.682 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 133434
Ion Ratio Lower Upper
65 100
67 54.2 0.0 103.0

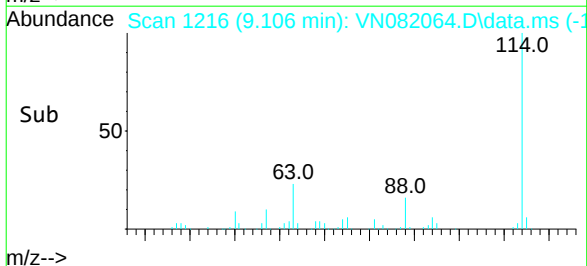
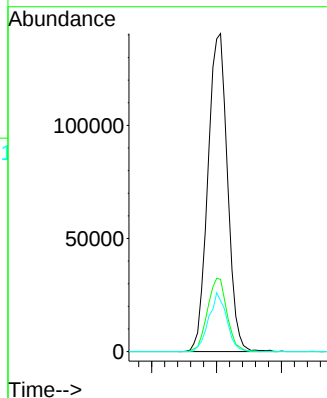
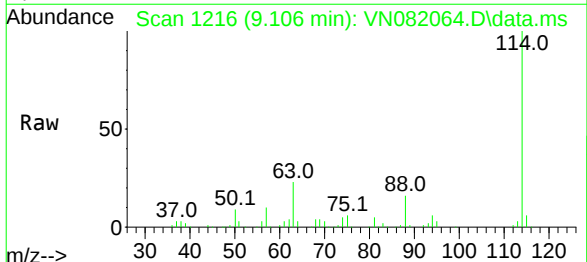
Manual Integrations
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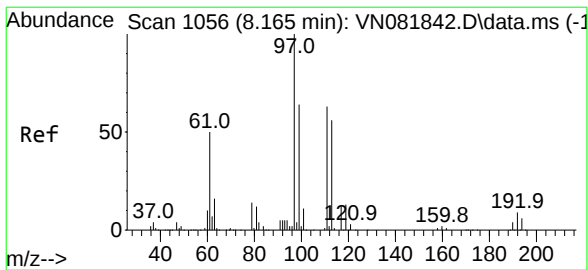
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion:114 Resp: 294552
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.0
88 16.0 0.0 31.4





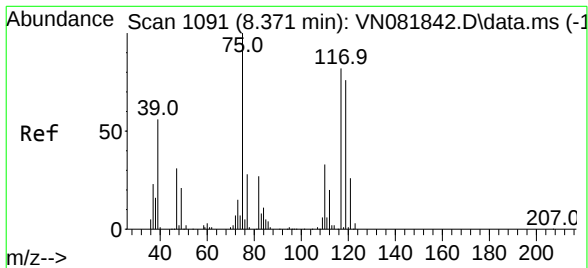
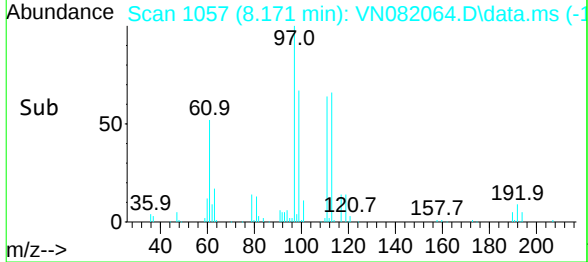
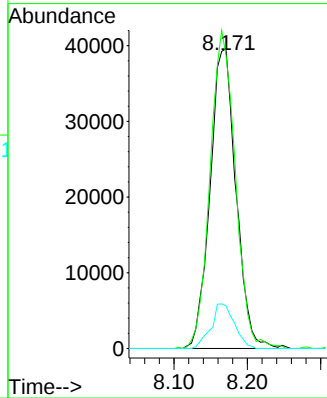
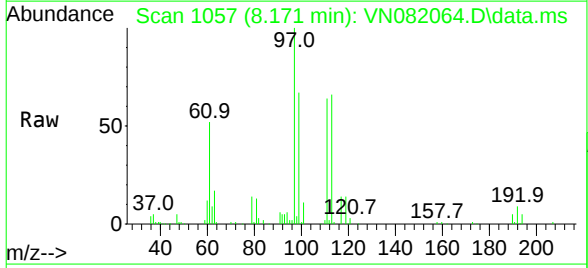
#35
Dibromofluoromethane
Concen: 54.719 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 97042
Ion Ratio Lower Upper
113 100
111 103.7 83.4 125.2
192 13.5 14.0 21.0

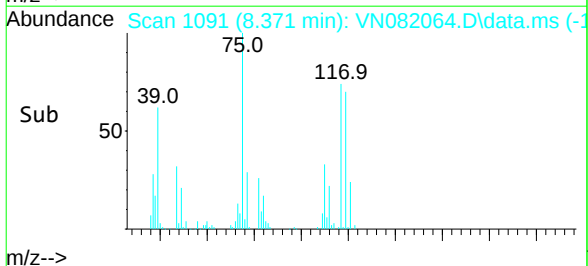
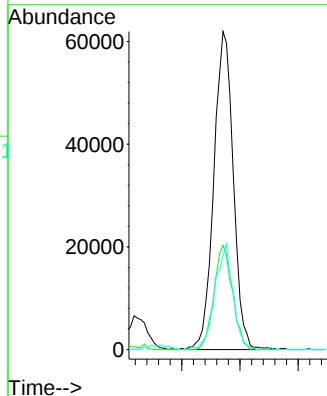
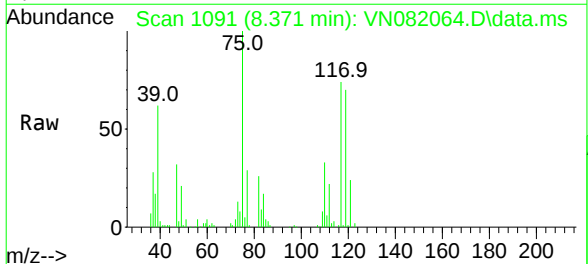
Manual Integrations
APPROVED

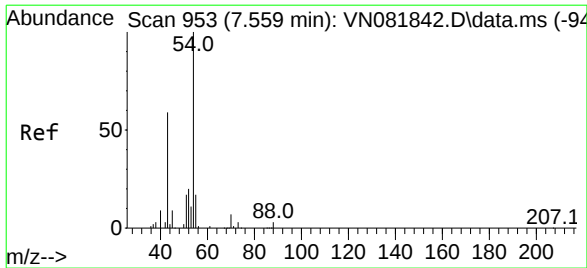
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#36
1,1-Dichloropropene
Concen: 49.980 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

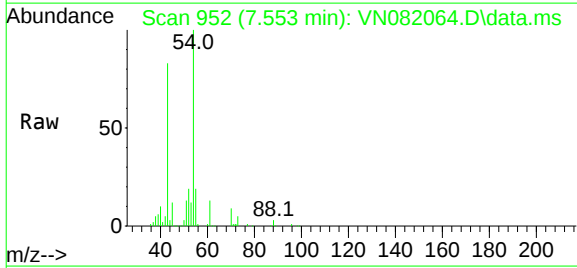
Tgt Ion: 75 Resp: 144201
Ion Ratio Lower Upper
75 100
110 30.9 17.8 53.5
77 30.8 25.0 37.4





#37
Ethyl Acetate
Concen: 54.360 ug/l
RT: 7.553 min Scan# 953
Delta R.T. -0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

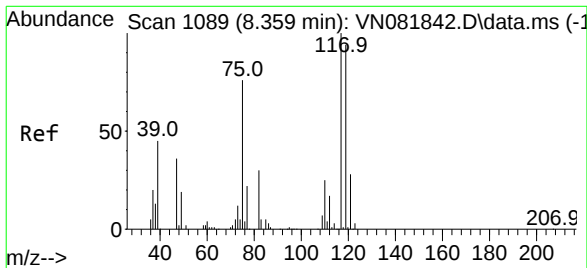
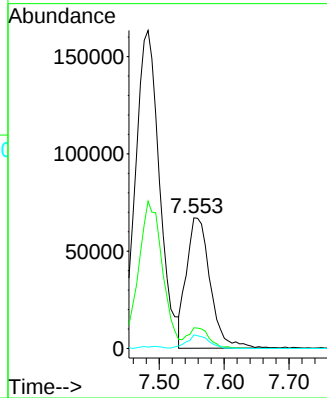
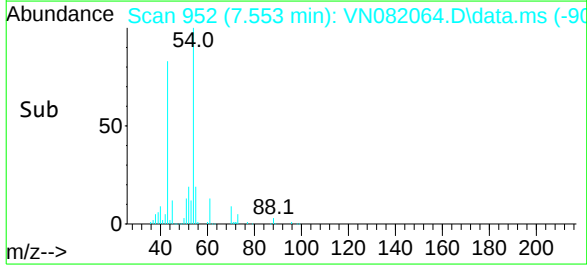
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 169575
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 9.5 8.7 13.1

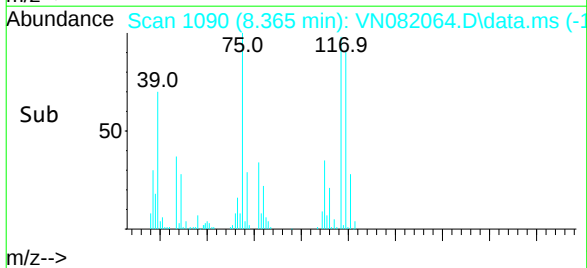
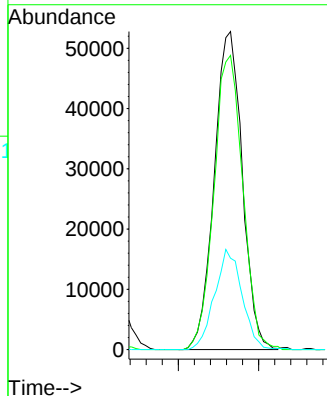
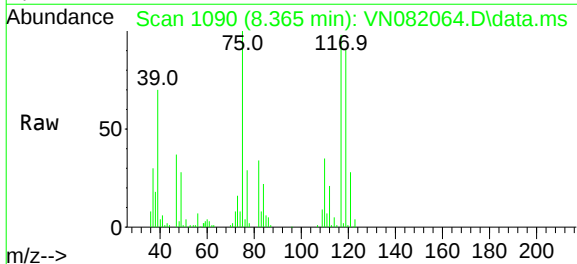
Manual Integrations
APPROVED

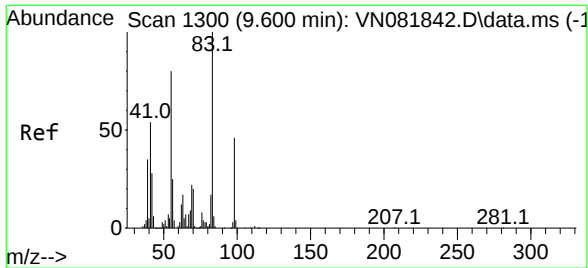
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#38
Carbon Tetrachloride
Concen: 45.425 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion:117 Resp: 128093
Ion Ratio Lower Upper
117 100
119 92.5 76.5 114.7
121 28.7 23.9 35.9





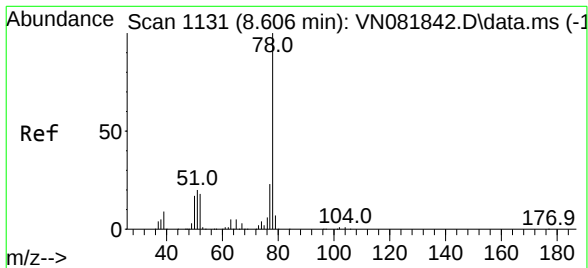
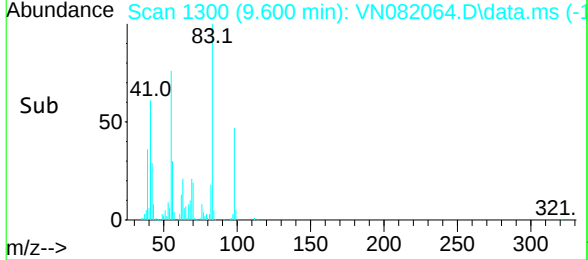
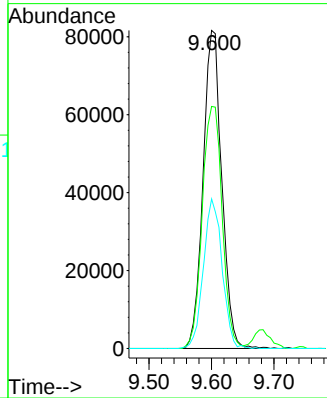
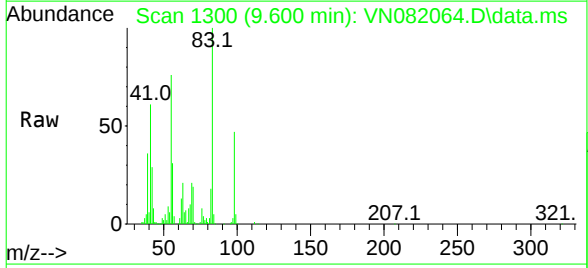
#39
Methylcyclohexane
Concen: 48.464 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.1	53.0	79.6
98	47.0	37.1	55.7

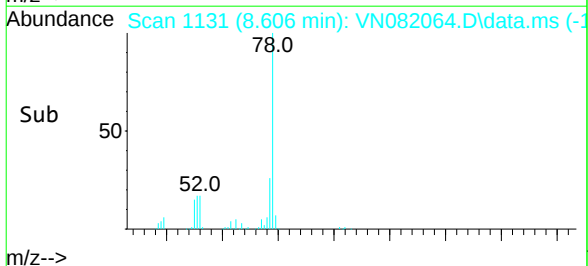
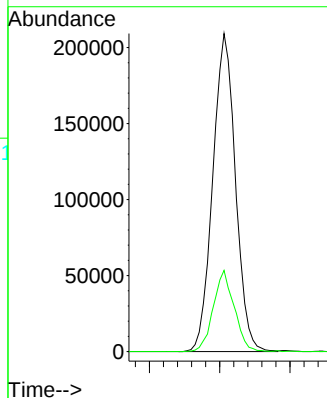
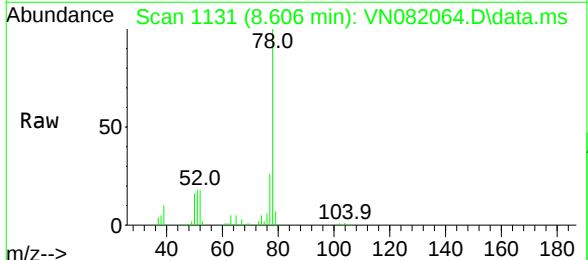
Manual Integrations
APPROVED

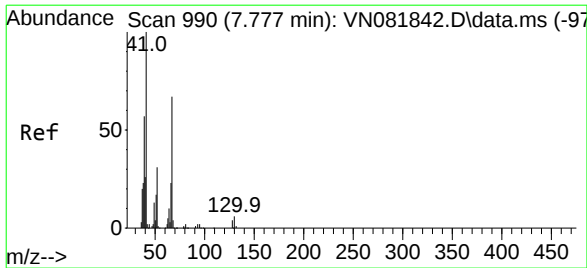
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#40
Benzene
Concen: 54.161 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.5	20.0	30.0





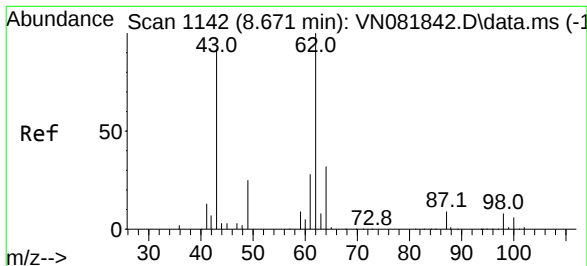
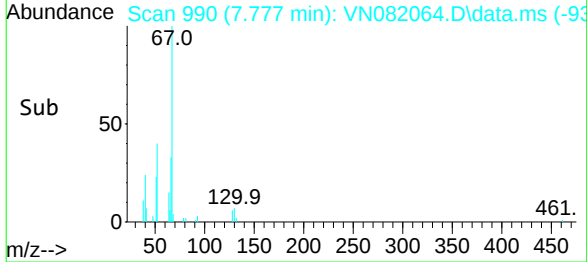
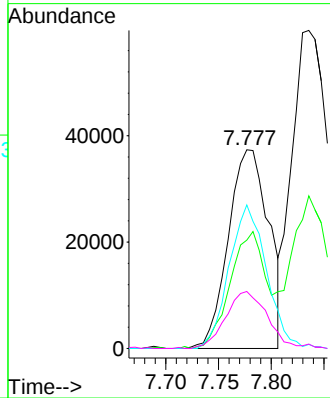
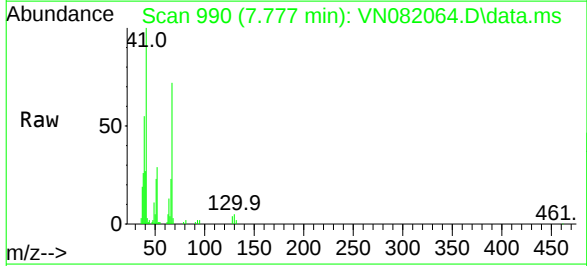
#41
Methacrylonitrile
Concen: 49.989 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	99503
Ion	Ratio	Lower	Upper
41	100		
39	51.2	46.6	69.8
67	66.8	67.3	100.9
52	29.9	27.3	40.9

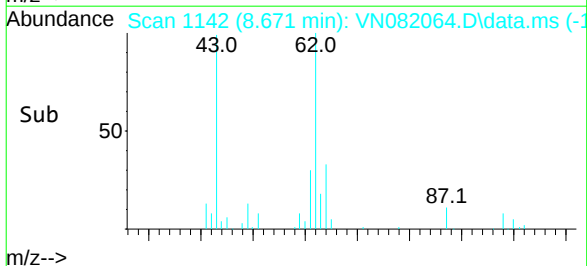
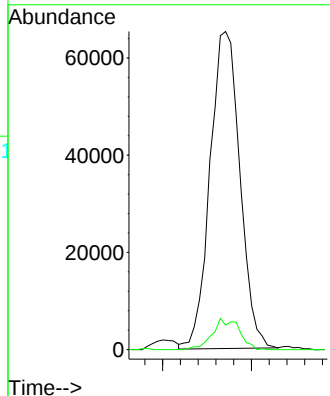
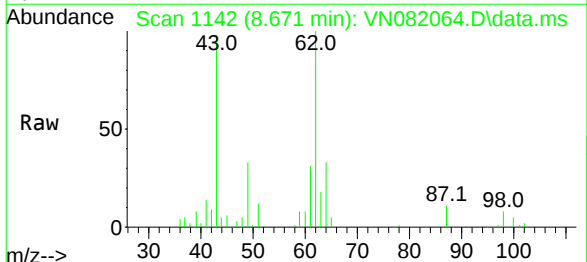
Manual Integrations
APPROVED

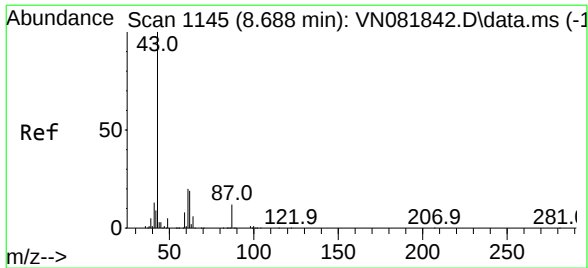
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#42
1,2-Dichloroethane
Concen: 47.447 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion:	62	Resp:	152599
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.6





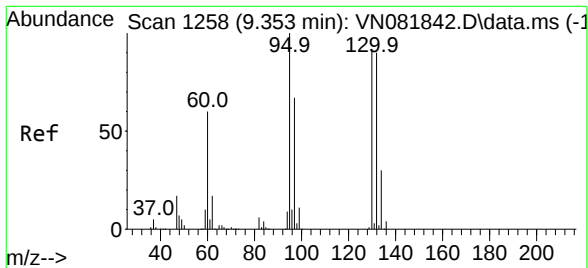
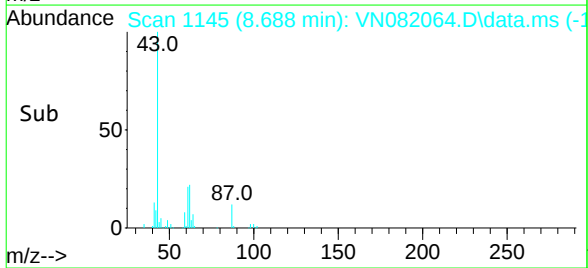
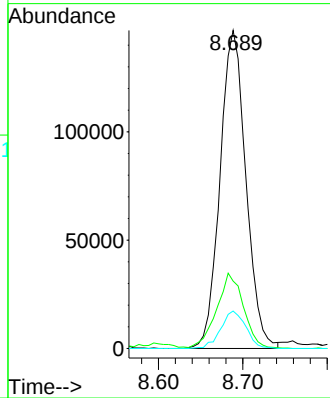
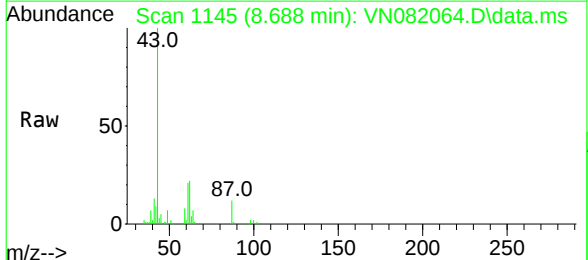
#43
Isopropyl Acetate
Concen: 53.397 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43	Resp: 313202
Ion Ratio	Lower Upper
43 100	
61 24.7	22.8 34.2
87 11.4	12.0 18.0

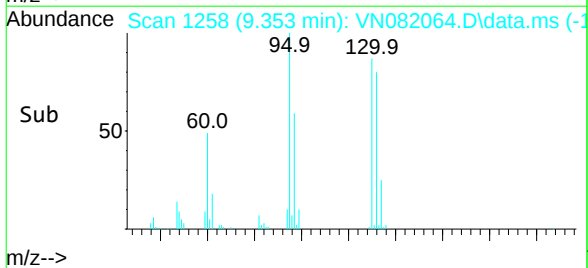
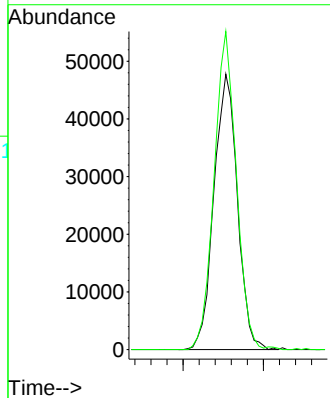
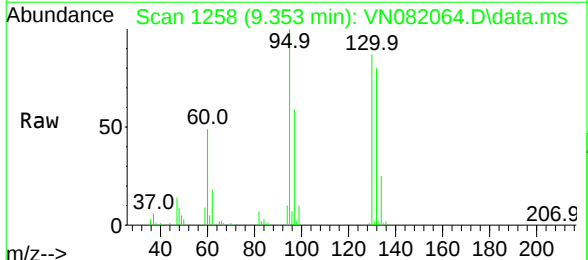
Manual Integrations
APPROVED

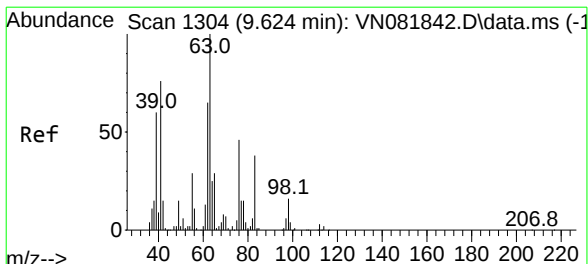
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#44
Trichloroethene
Concen: 48.573 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion:130	Resp: 96995
Ion Ratio	Lower Upper
130 100	
95 115.5	0.0 195.4





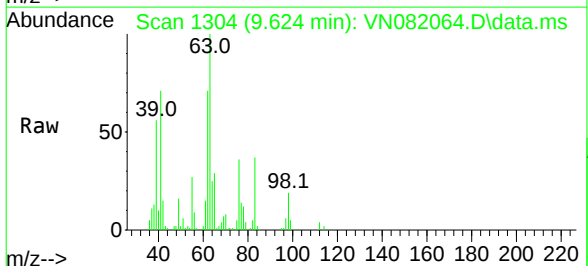
#45
 1,2-Dichloropropane
 Concen: 55.325 ug/l
 RT: 9.624 min Scan# 1304
 Delta R.T. 0.000 min
 Lab File: VN082064.D
 Acq: 10 May 2024 12:38

Instrument :

MSVOA_N

ClientSampleId :

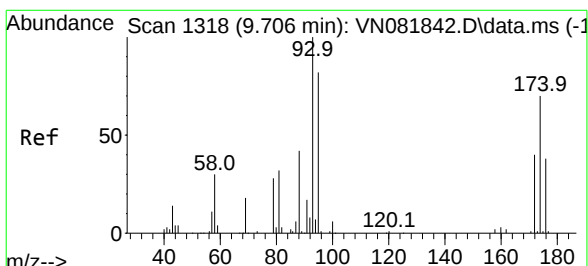
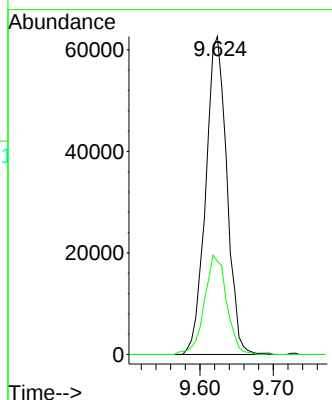
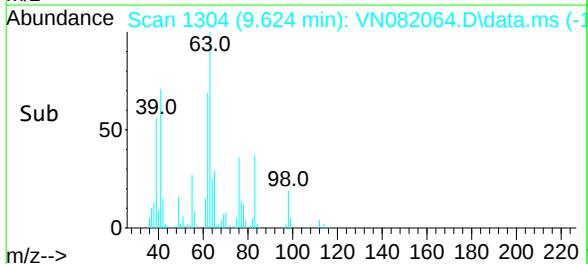
VSTDCCC050



Tgt Ion:	63	Resp:	125406
Ion	Ratio	Lower	Upper
63	100		
65	29.3	24.1	36.1

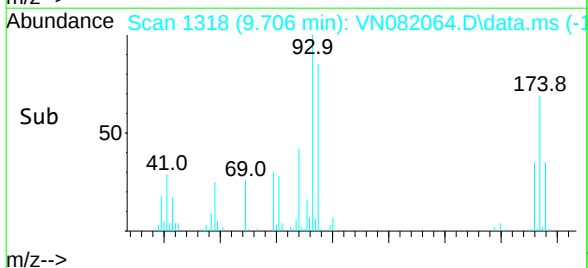
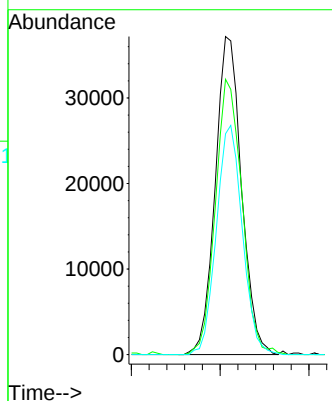
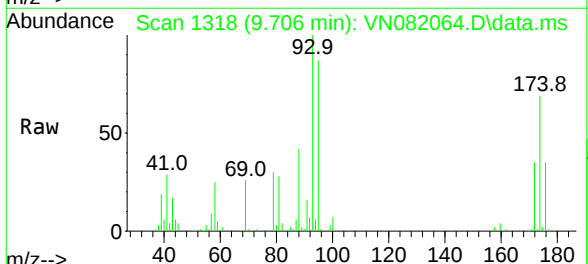
Manual Integrations
 APPROVED

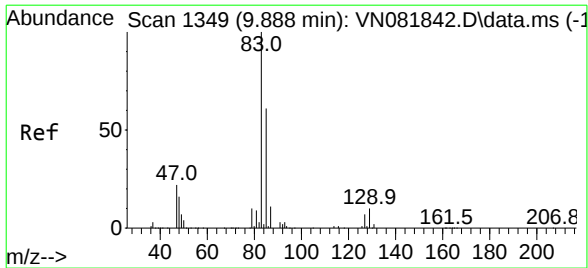
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#46
 Dibromomethane
 Concen: 48.797 ug/l
 RT: 9.706 min Scan# 1318
 Delta R.T. 0.000 min
 Lab File: VN082064.D
 Acq: 10 May 2024 12:38

Tgt Ion:	93	Resp:	76450
Ion	Ratio	Lower	Upper
93	100		
95	87.4	64.8	97.2
174	71.2	73.4	110.0#





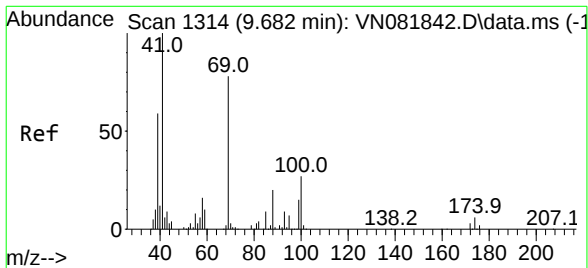
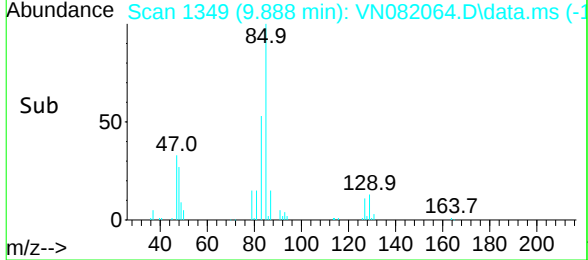
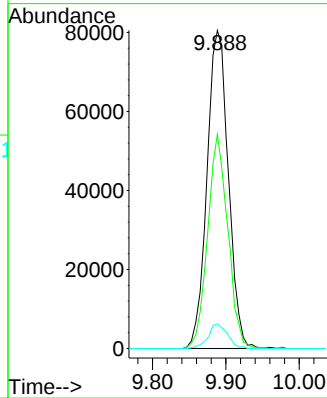
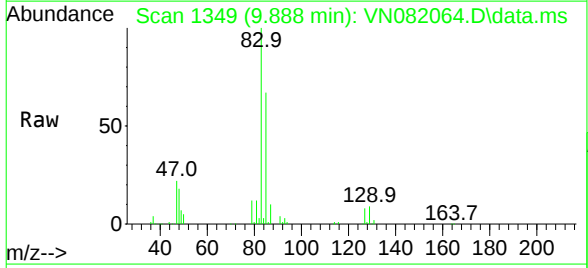
#47
Bromodichloromethane
Concen: 49.259 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 162757
Ion Ratio Lower Upper
83 100
85 67.3 51.9 77.9
127 7.7 7.5 11.3

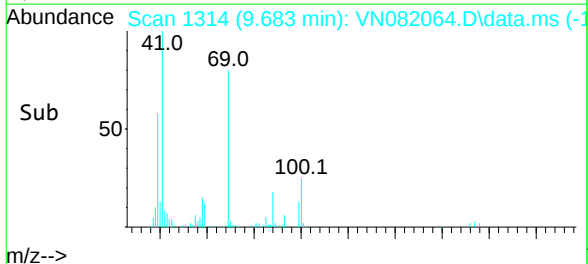
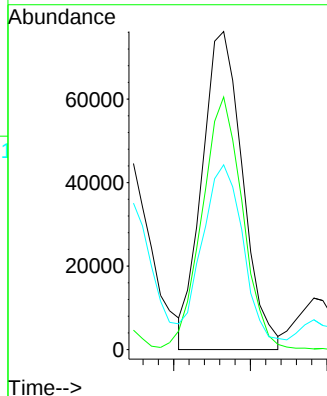
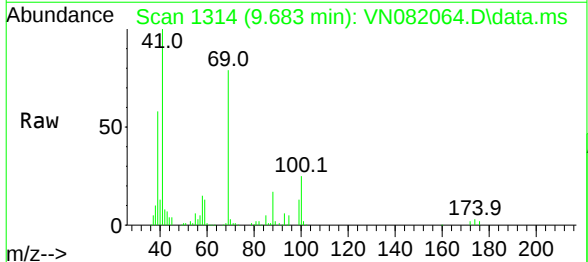
Manual Integrations
APPROVED

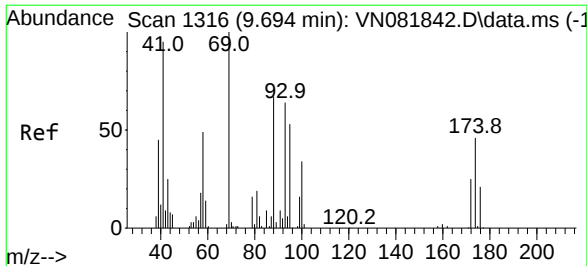
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#48
Methyl methacrylate
Concen: 50.032 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion: 41 Resp: 140097
Ion Ratio Lower Upper
41 100
69 79.5 77.9 116.9
39 60.6 50.9 76.3





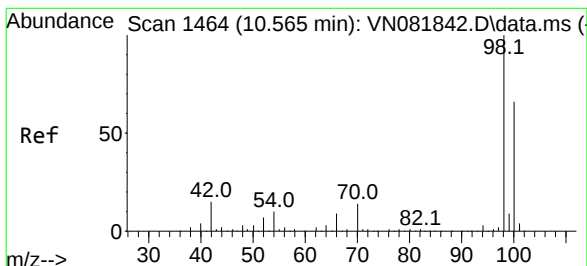
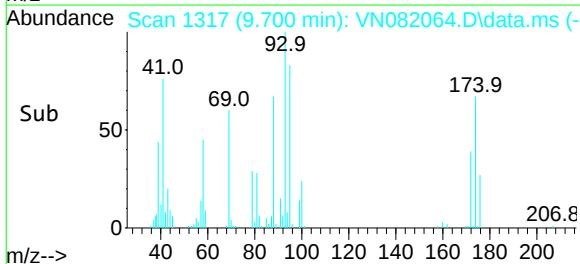
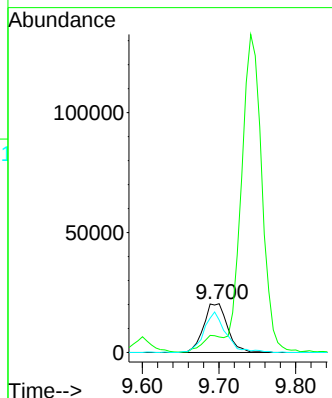
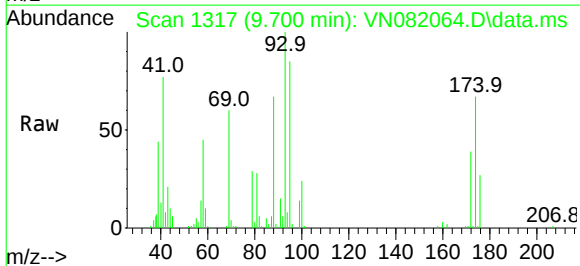
#49
1,4-Dioxane
Concen: 1032.488 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 43942
Ion Ratio Lower Upper
88 100
43 30.2 19.0 28.6#
58 76.3 50.6 76.0#

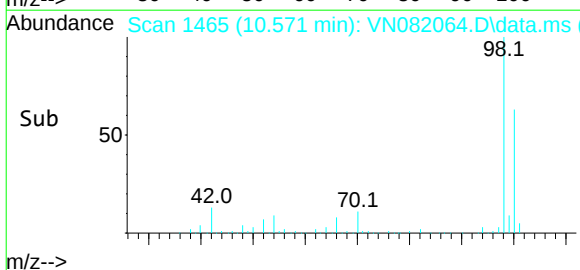
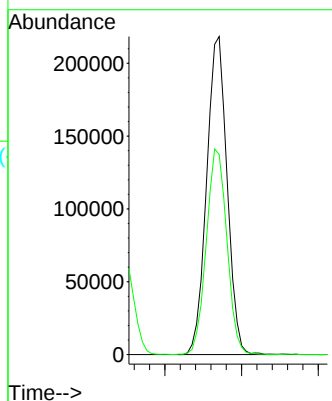
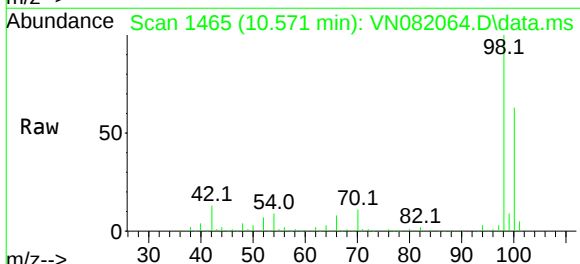
Manual Integrations
APPROVED

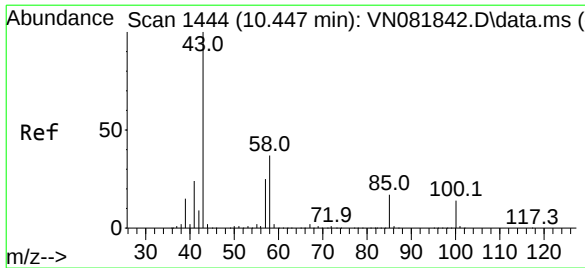
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#50
Toluene-d8
Concen: 58.132 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion: 98 Resp: 404898
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6





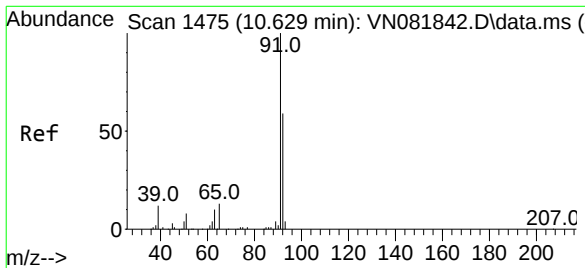
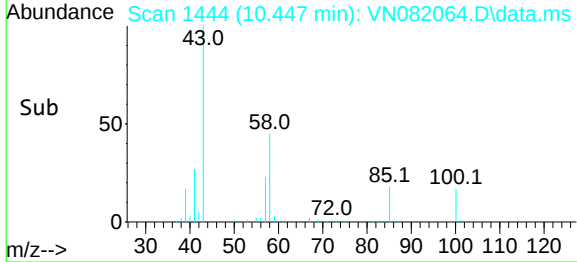
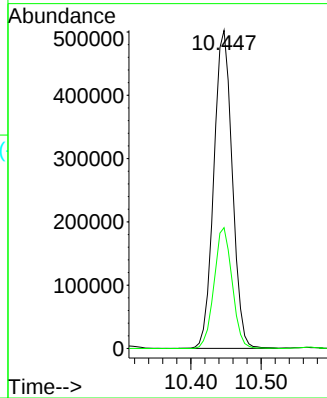
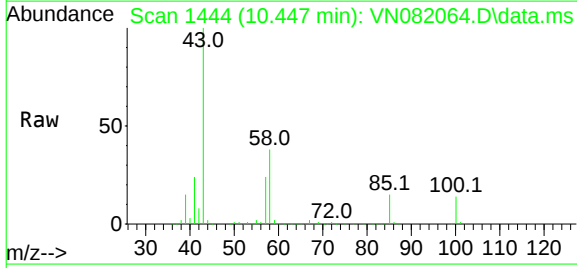
#51
4-Methyl-2-Pentanone
Concen: 277.441 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 916103
Ion Ratio Lower Upper
43 100
58 37.3 33.2 49.8

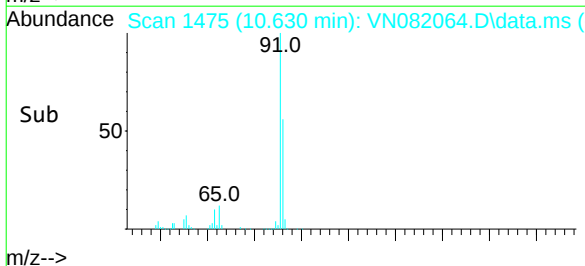
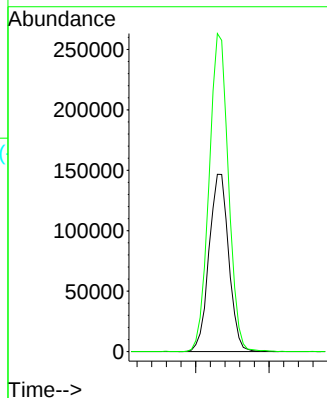
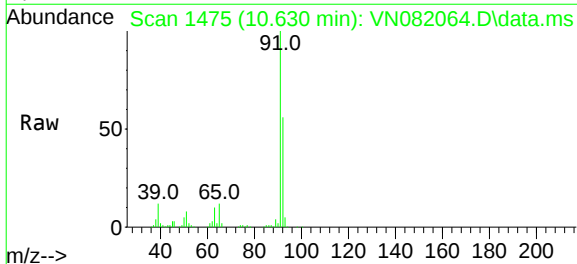
Manual Integrations
APPROVED

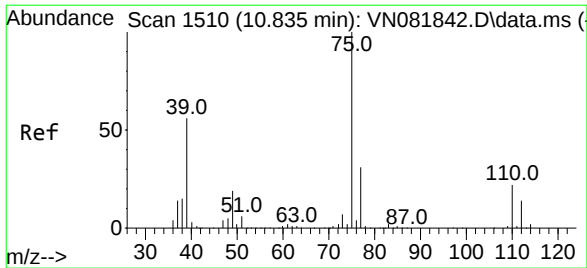
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#52
Toluene
Concen: 52.689 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

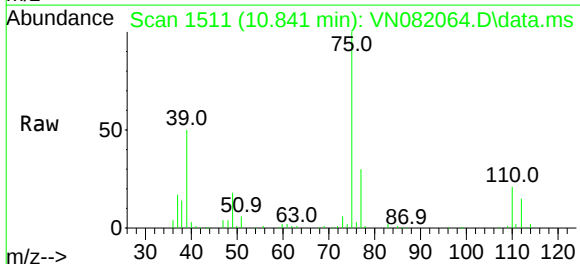
Tgt Ion: 92 Resp: 273286
Ion Ratio Lower Upper
92 100
91 176.7 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 50.893 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN082064.D
 Acq: 10 May 2024 12:38

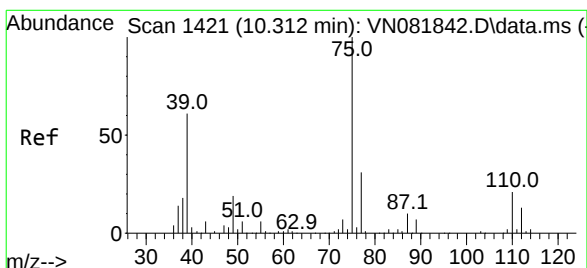
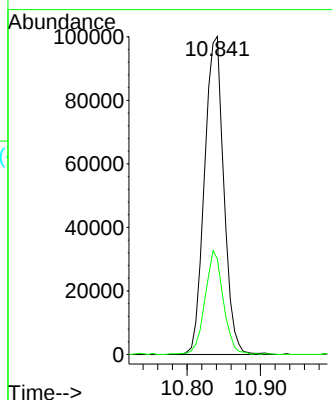
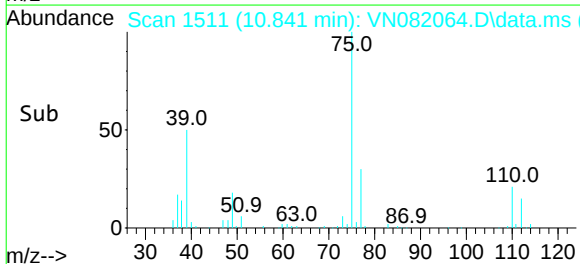
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



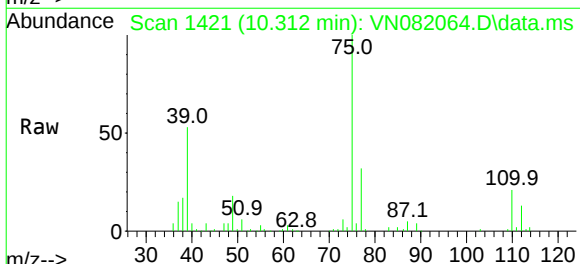
Tgt Ion: 75 Resp: 182971
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.0

Manual Integrations
 APPROVED

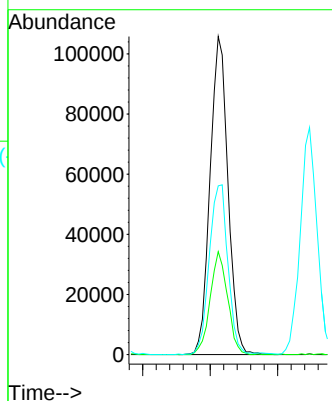
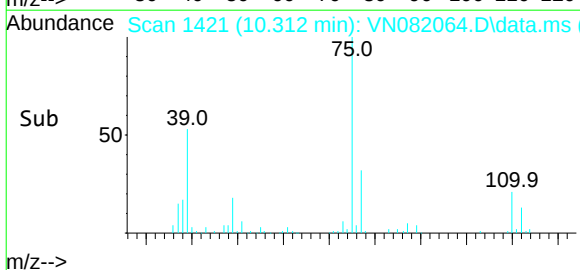
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024

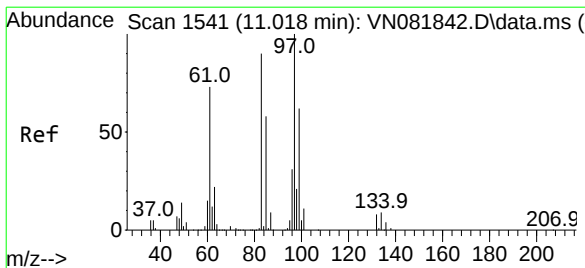


#54
 cis-1,3-Dichloropropene
 Concen: 52.647 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN082064.D
 Acq: 10 May 2024 12:38



Tgt Ion: 75 Resp: 195074
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.4
 39 52.9 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 51.401 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 104851

Ion Ratio Lower Upper

97 100

83 96.3 70.4 105.6

85 54.0 45.6 68.4

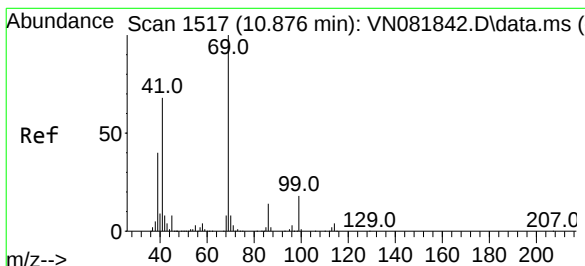
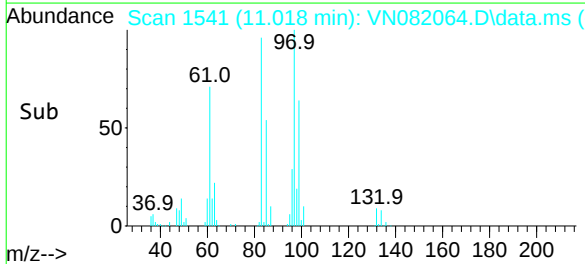
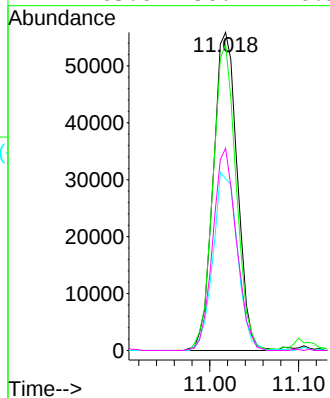
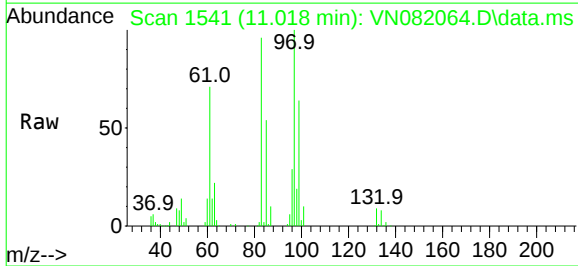
99 63.6 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#56

Ethyl methacrylate

Concen: 50.811 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

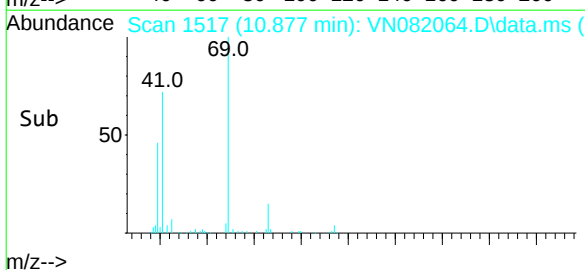
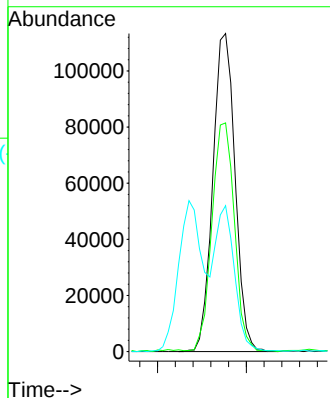
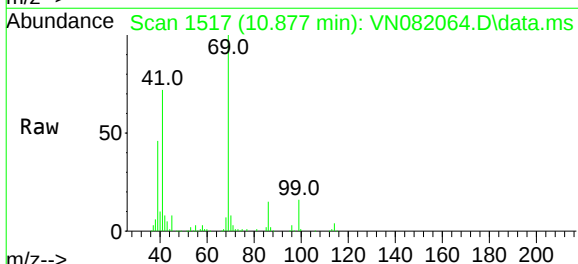
Tgt Ion: 69 Resp: 197364

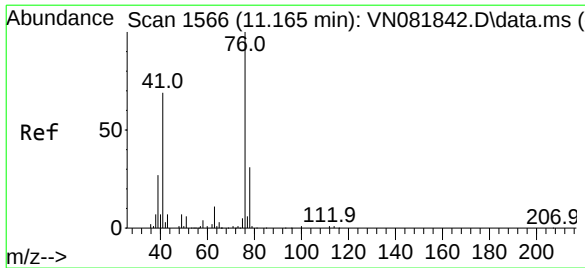
Ion Ratio Lower Upper

69 100

41 73.0 46.6 70.0#

39 39.4 26.5 39.7





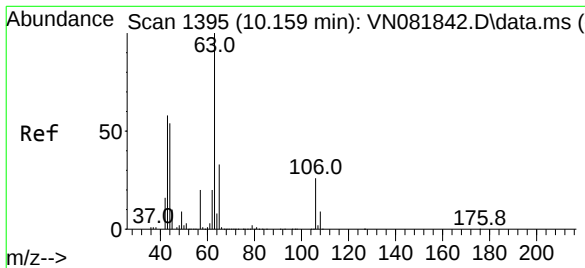
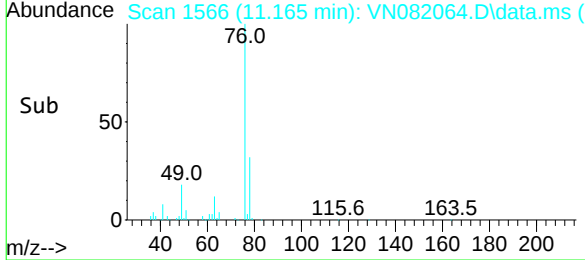
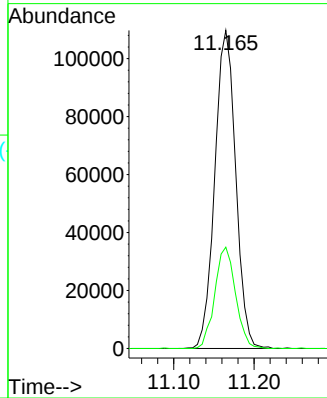
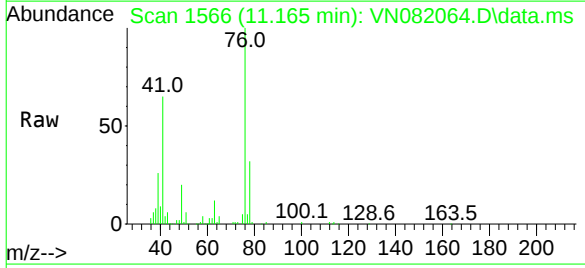
#57
1,3-Dichloropropane
Concen: 54.685 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 198321
Ion Ratio Lower Upper
76 100
78 31.7 25.8 38.6

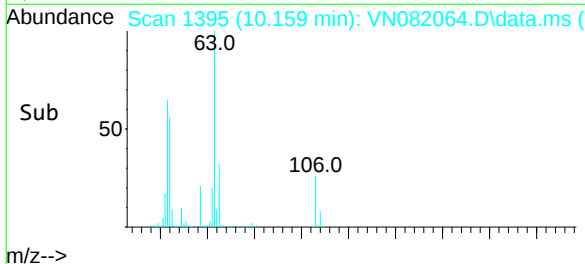
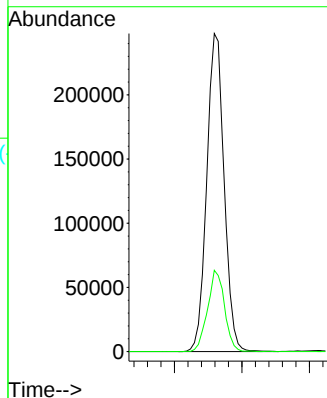
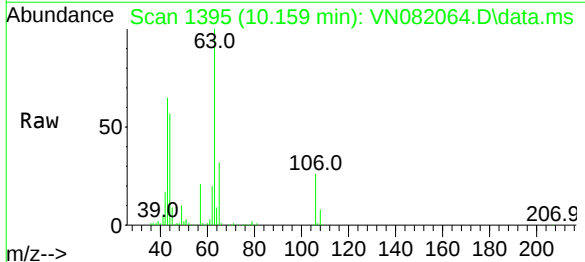
Manual Integrations
APPROVED

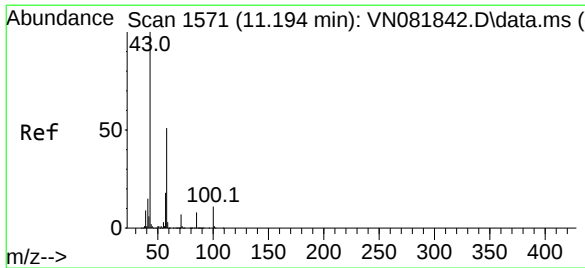
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#58
2-Chloroethyl Vinyl ether
Concen: 250.088 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion: 63 Resp: 442533
Ion Ratio Lower Upper
63 100
106 25.0 24.6 36.8





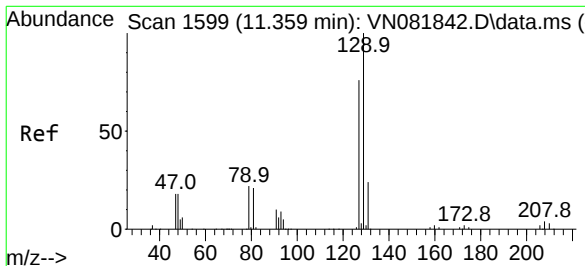
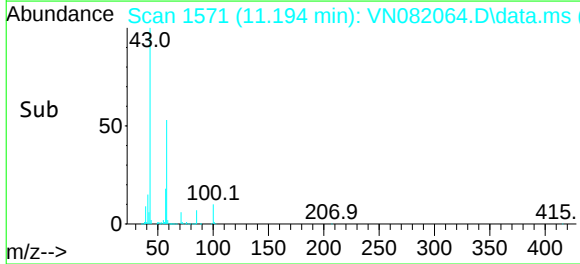
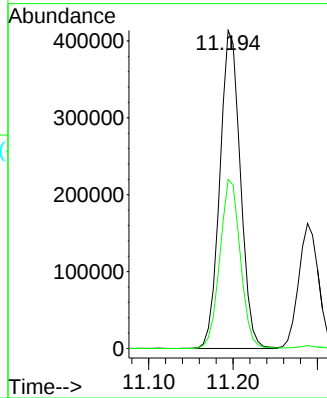
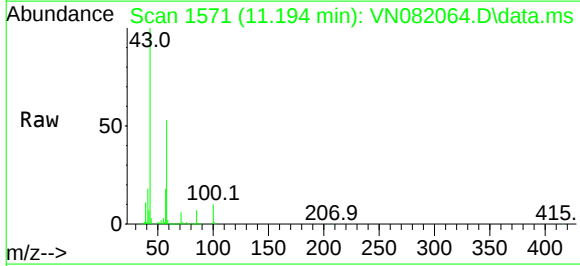
#59
2-Hexanone
Concen: 283.940 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 697736
Ion Ratio Lower Upper
43 100
58 53.2 28.3 84.9

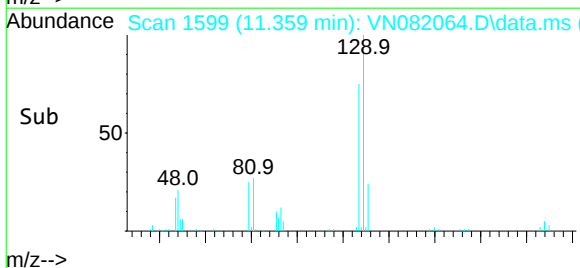
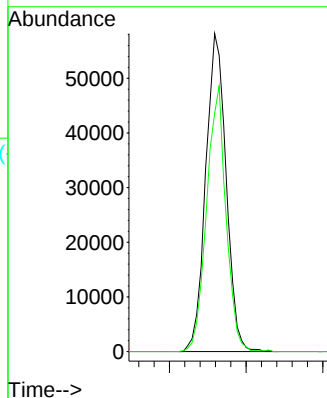
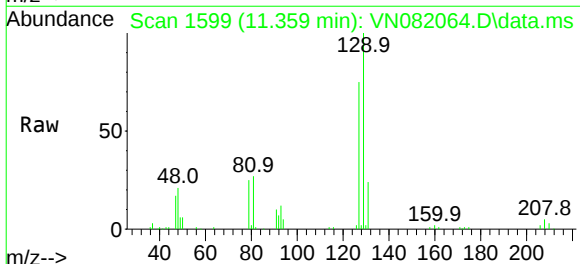
Manual Integrations
APPROVED

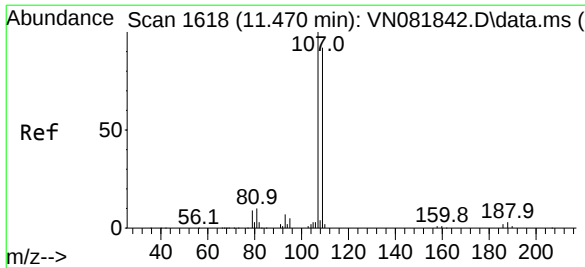
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#60
Dibromochloromethane
Concen: 49.778 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

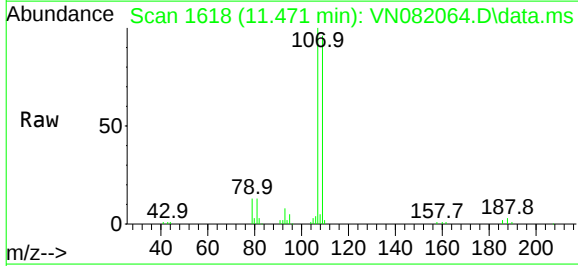
Tgt Ion:129 Resp: 107549
Ion Ratio Lower Upper
129 100
127 79.0 38.3 114.8





#61
1,2-Dibromoethane
Concen: 52.610 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

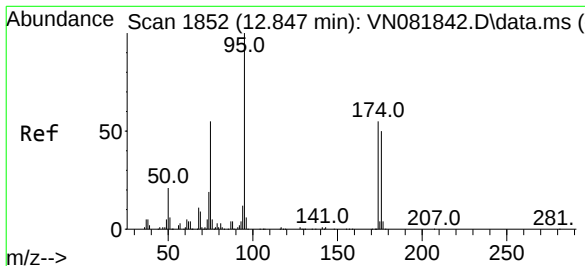
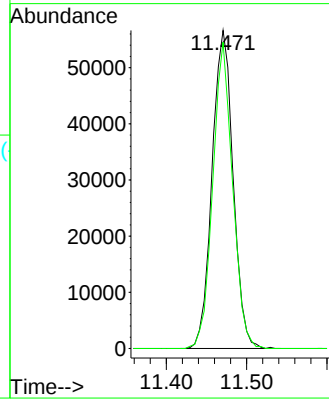
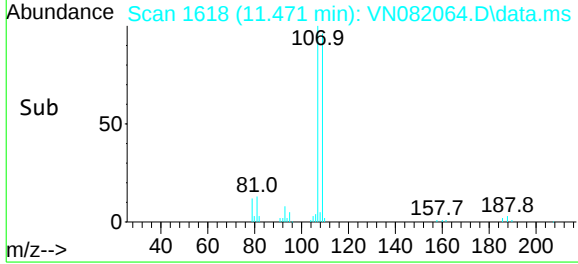
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



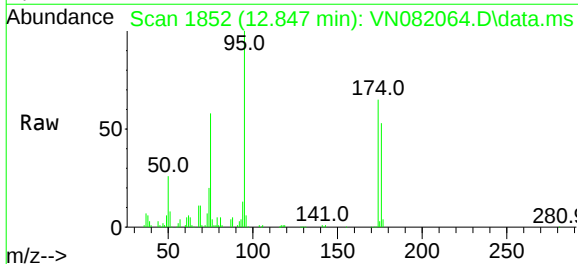
Tgt Ion: 107 Resp: 102629
Ion Ratio Lower Upper
107 100
109 91.1 75.8 113.6

Manual Integrations
APPROVED

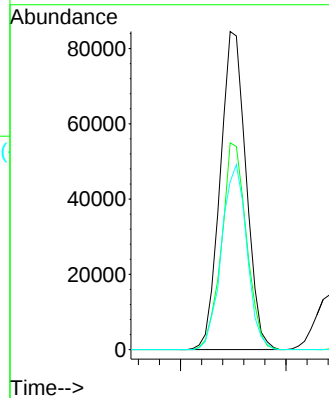
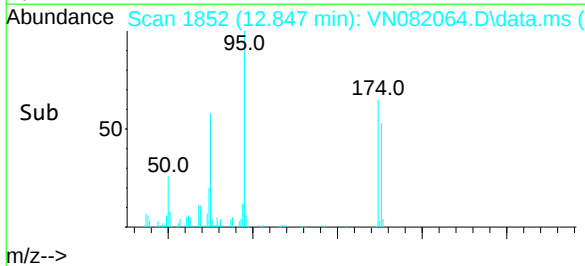
Reviewed By : John Carlone 05/13/2024
Supervised By : Mahesh Dadoda 05/13/2024

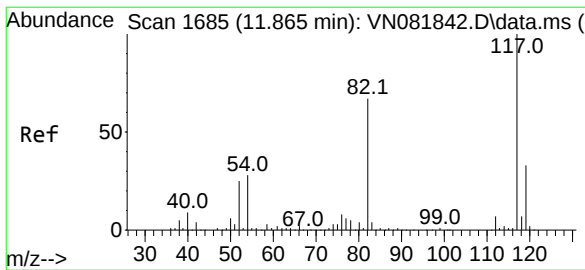


#62
4-Bromofluorobenzene
Concen: 52.290 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38



Tgt Ion: 95 Resp: 143972
Ion Ratio Lower Upper
95 100
174 62.6 0.0 160.6
176 56.9 0.0 152.8





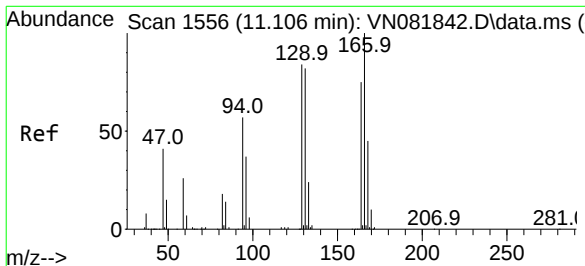
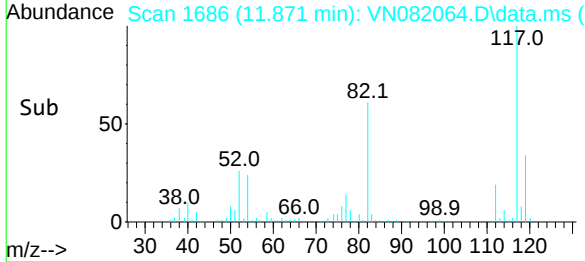
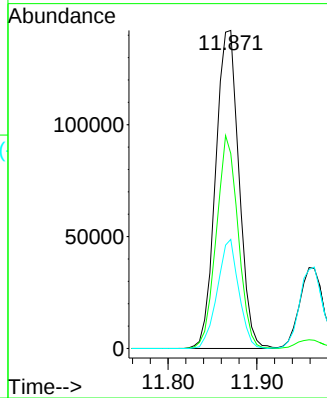
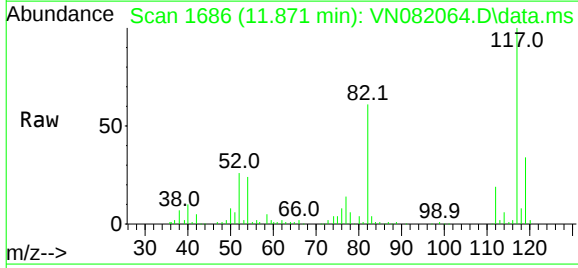
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	117	Resp:	259550
Ion	Ratio	Lower	Upper
117	100		
82	61.3	44.6	66.8
119	34.3	25.9	38.9

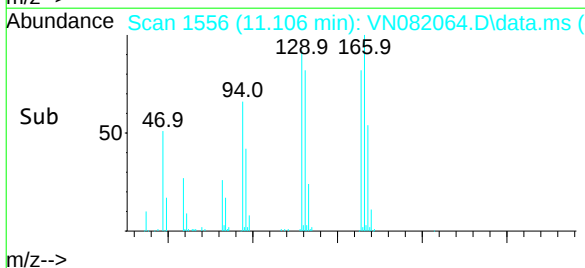
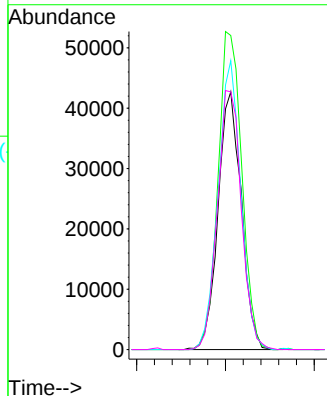
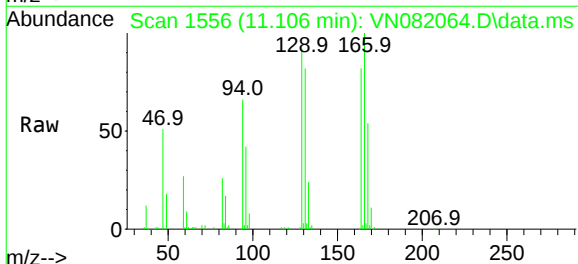
Manual Integrations
APPROVED

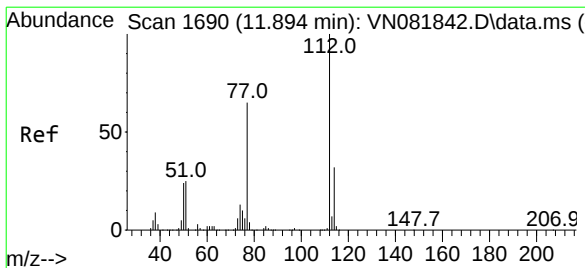
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#64
Tetrachloroethene
Concen: 41.234 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion:	164	Resp:	77731
Ion	Ratio	Lower	Upper
164	100		
166	121.8	97.6	146.4
129	112.1	73.7	110.5#
131	100.0	75.8	113.6





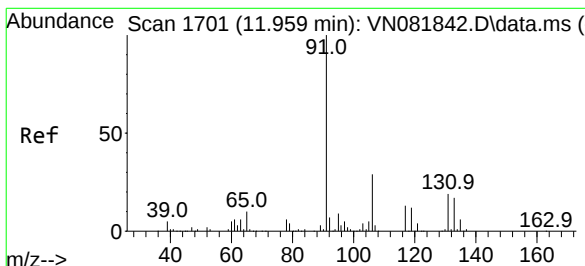
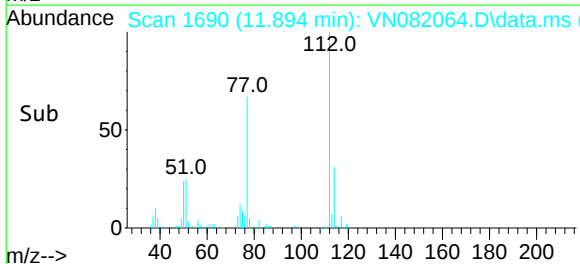
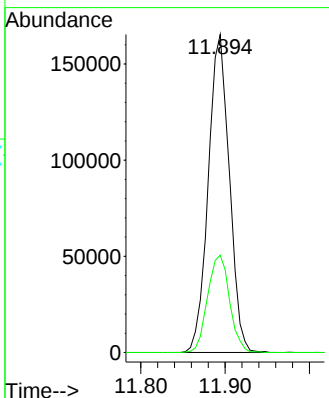
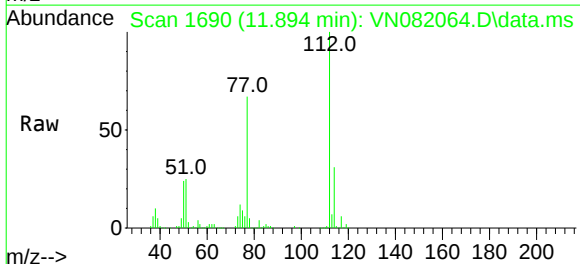
#65
Chlorobenzene
Concen: 50.637 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 287014
Ion Ratio Lower Upper
112 100
114 30.6 25.7 38.5

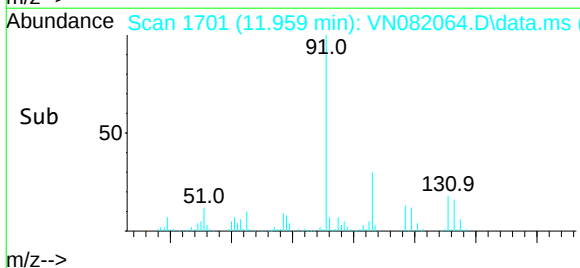
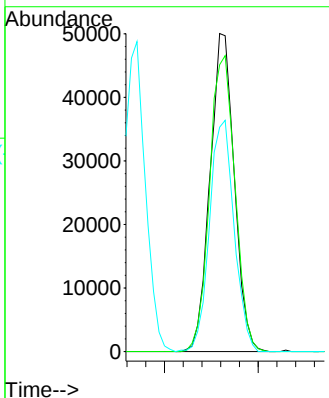
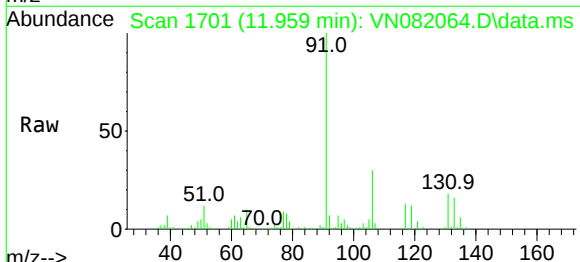
Manual Integrations
APPROVED

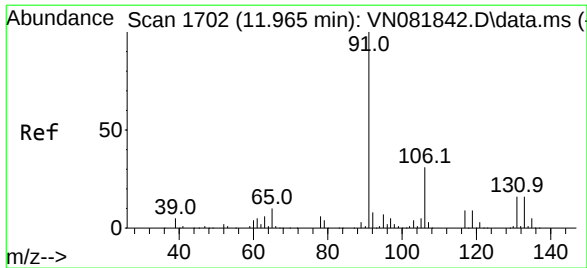
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.833 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion:131 Resp: 89955
Ion Ratio Lower Upper
131 100
133 97.7 47.5 142.6
119 73.9 32.9 98.7





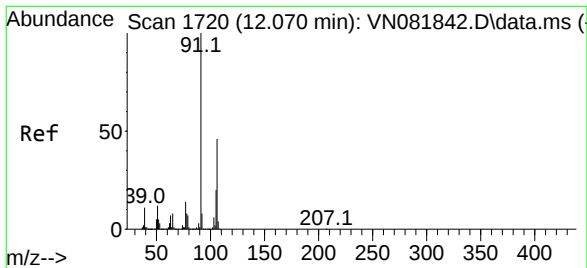
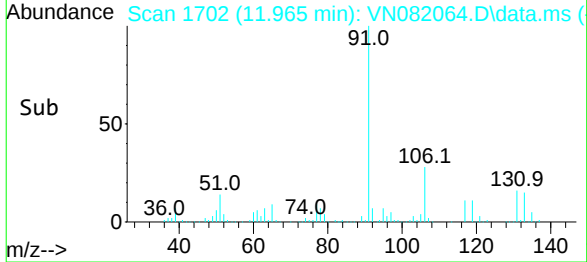
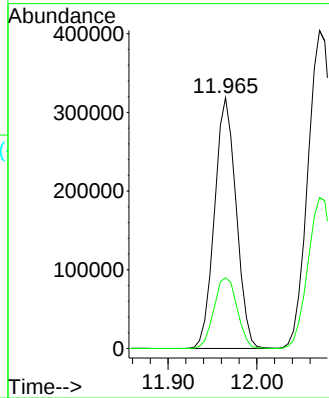
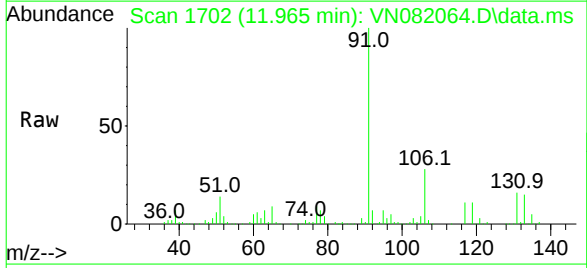
#67
Ethyl Benzene
Concen: 51.284 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 540588
Ion Ratio Lower Upper
91 100
106 28.2 25.3 37.9

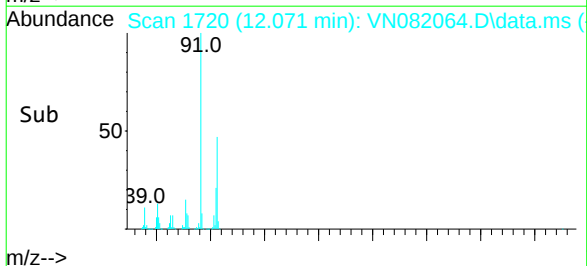
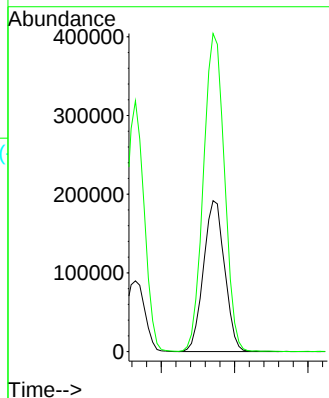
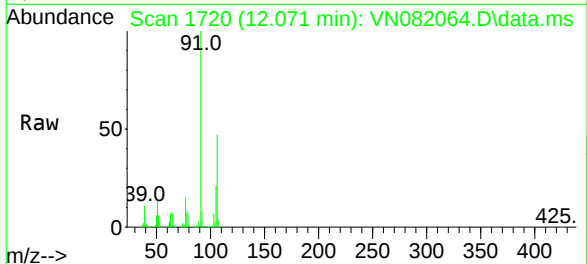
Manual Integrations
APPROVED

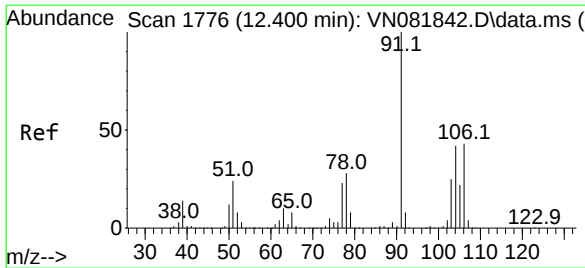
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#68
m/p-Xylenes
Concen: 102.344 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion:106 Resp: 384807
Ion Ratio Lower Upper
106 100
91 209.3 159.4 239.0





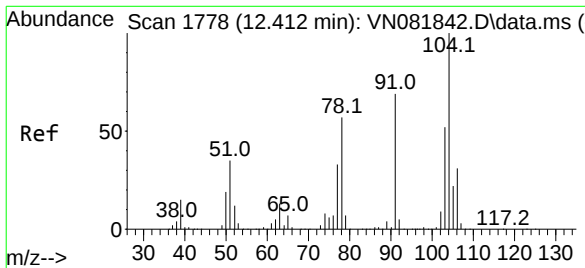
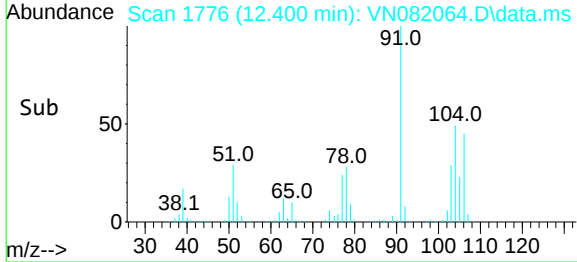
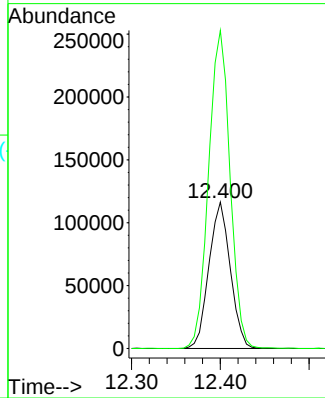
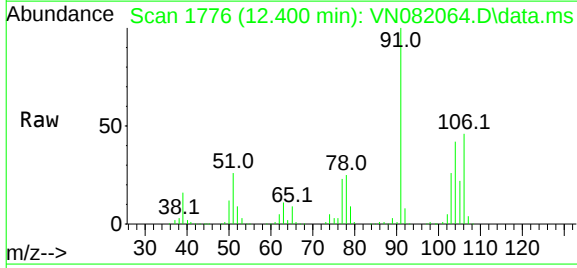
#69
o-Xylene
Concen: 53.069 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 194807
Ion Ratio Lower Upper
106 100
91 218.2 104.7 314.1

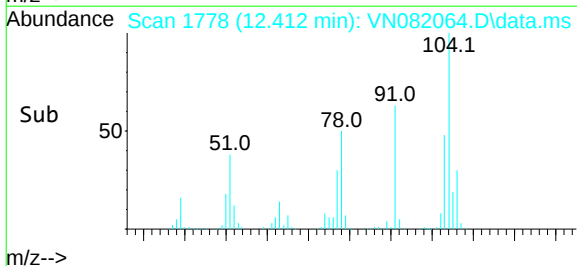
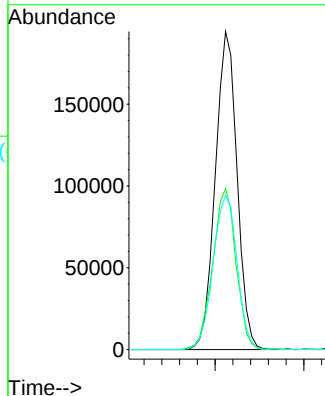
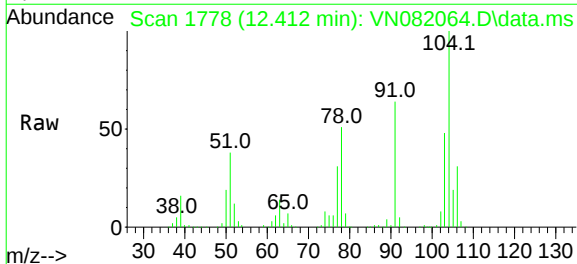
Manual Integrations
APPROVED

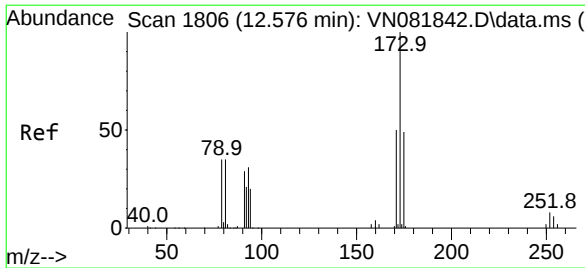
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#70
Styrene
Concen: 52.136 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion:104 Resp: 331070
Ion Ratio Lower Upper
104 100
78 54.2 38.6 58.0
103 53.6 43.8 65.6





#71

Bromoform

Concen: 42.455 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

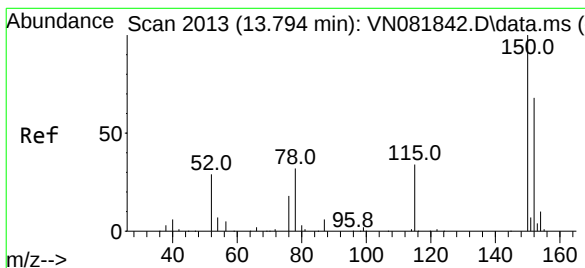
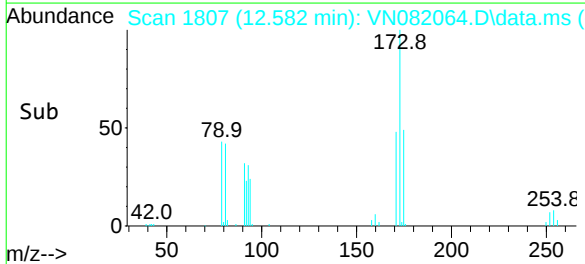
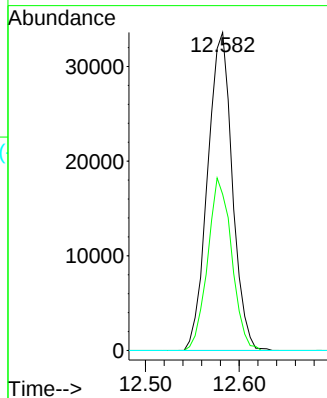
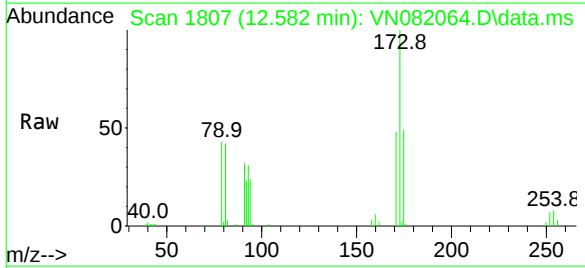
Tgt Ion:	173	Resp:	61484
Ion Ratio	Lower	Upper	
173	100		
175	52.7	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

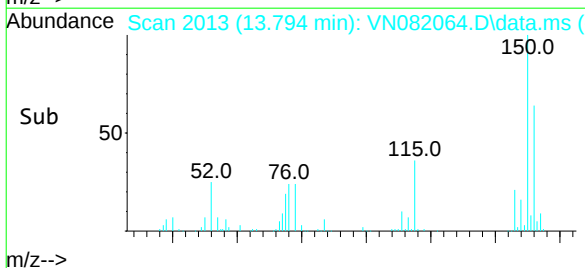
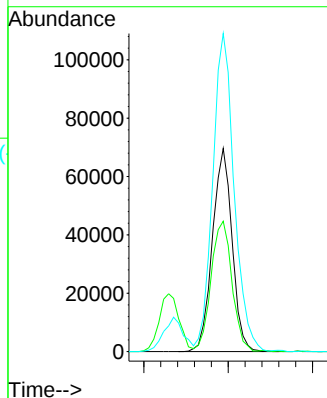
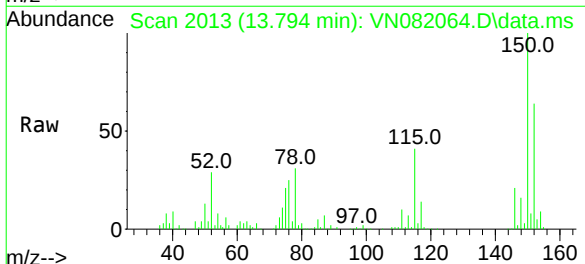
RT: 13.794 min Scan# 2013

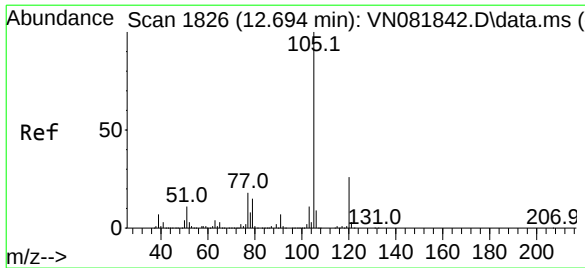
Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Tgt Ion:	152	Resp:	112538
Ion Ratio	Lower	Upper	
152	100		
115	67.6	30.4	91.3
150	170.2	0.0	353.2





#73

Isopropylbenzene

Concen: 49.448 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 494761

Ion Ratio Lower Upper

105 100

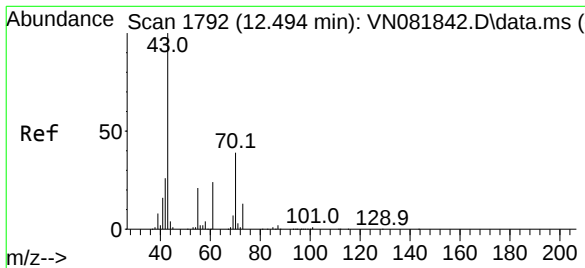
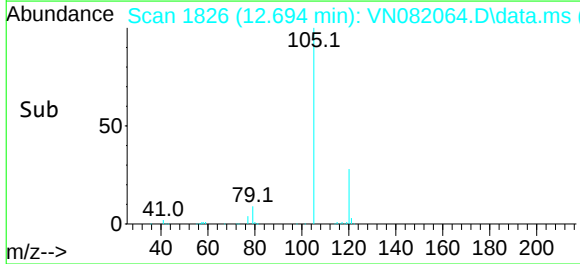
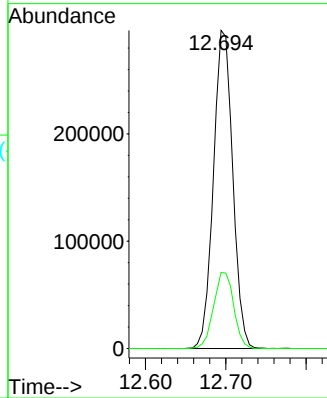
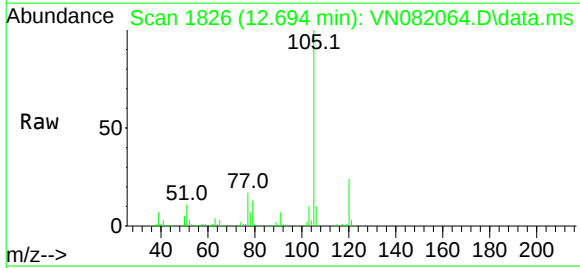
120 24.9 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#74

N-ethyl acetate

Concen: 49.863 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Tgt Ion: 43 Resp: 277768

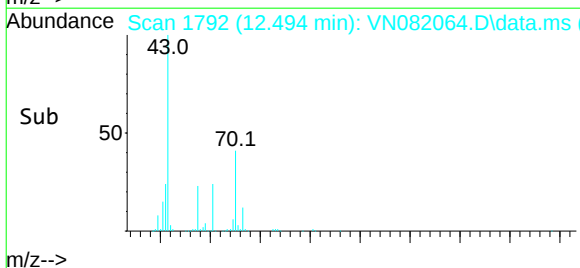
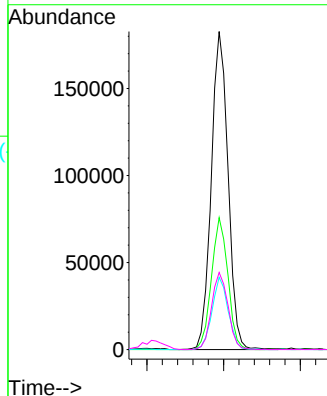
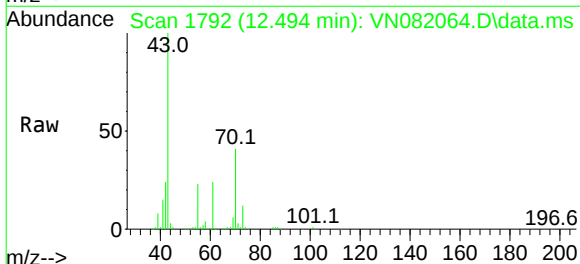
Ion Ratio Lower Upper

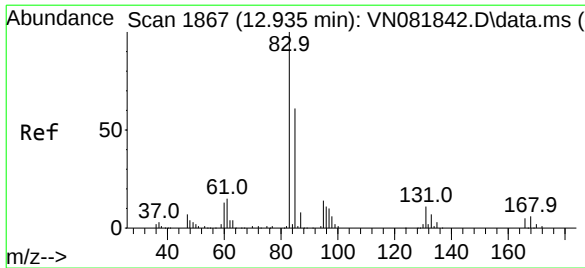
43 100

70 40.5 39.0 58.4

55 22.0 21.3 31.9

61 23.8 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.146 ug/l

RT: 12.941 min Scan# 1867

Delta R.T. 0.006 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

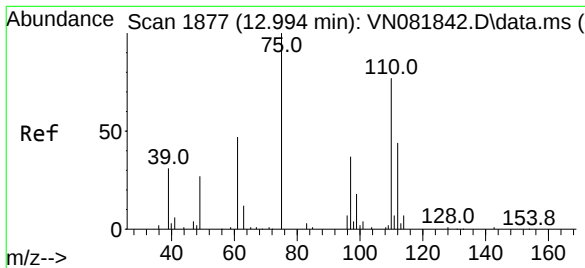
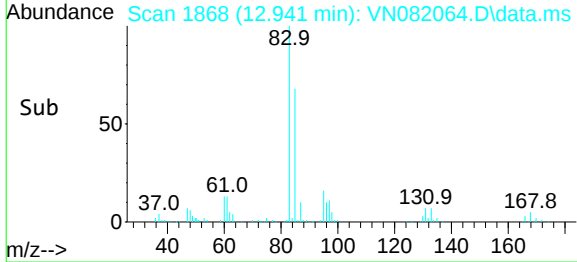
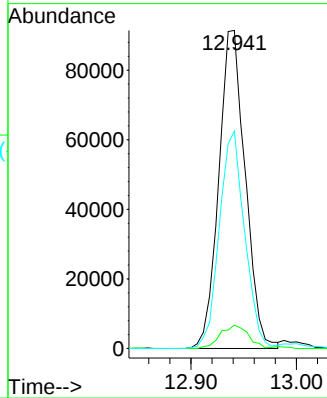
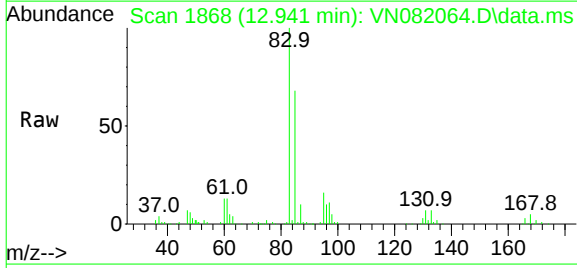
Tgt Ion:	83	Resp:	159688
Ion	Ratio	Lower	Upper
83	100		
131	7.8	5.5	16.4
85	65.2	32.9	98.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#76

1,2,3-Trichloropropane

Concen: 48.411 ug/l m

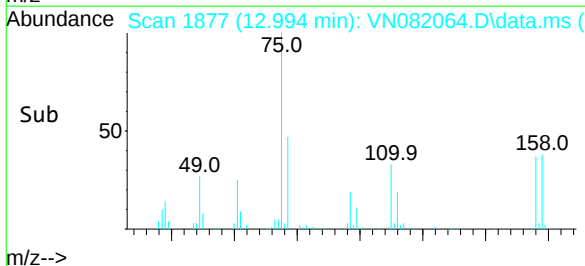
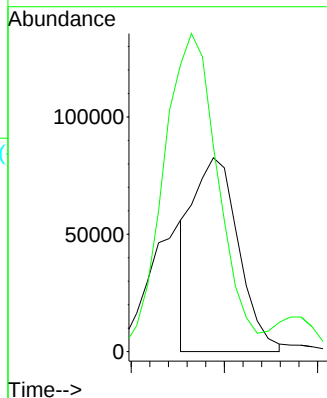
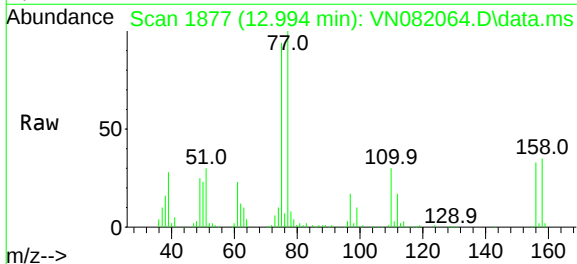
RT: 12.994 min Scan# 1877

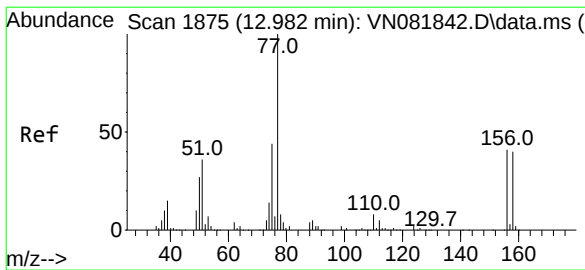
Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Tgt Ion:	75	Resp:	141256
Ion	Ratio	Lower	Upper
75	100		
77	195.9	90.5	271.3





#77

Bromobenzene

Concen: 47.472 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

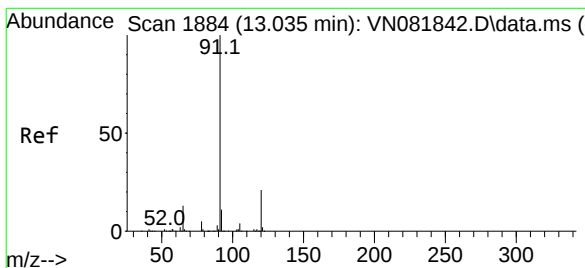
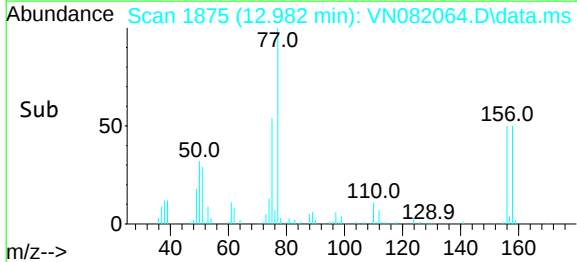
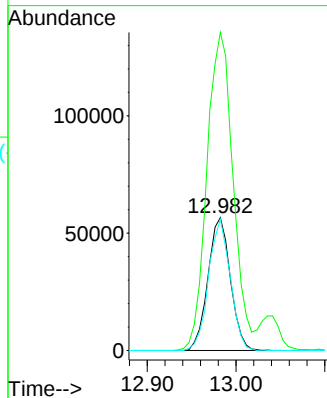
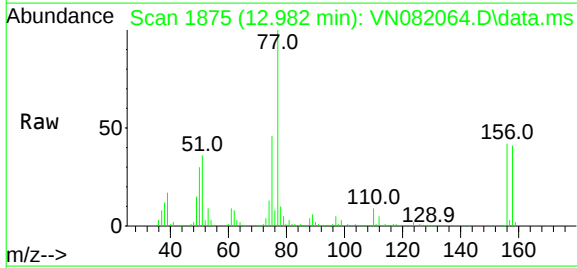
Tgt Ion:	156	Resp:	99397
Ion	Ratio	Lower	Upper
156	100		
77	278.4	100.2	300.6
158	95.2	49.1	147.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#78

n-propylbenzene

Concen: 50.636 ug/l

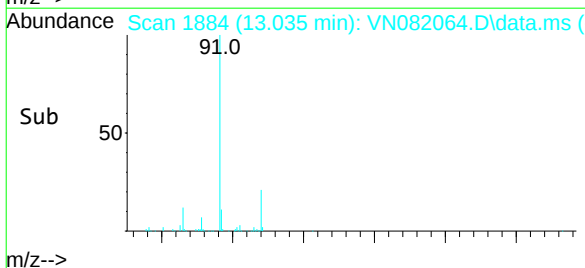
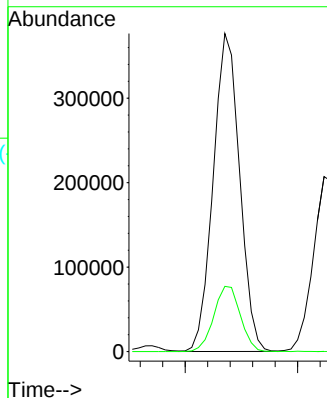
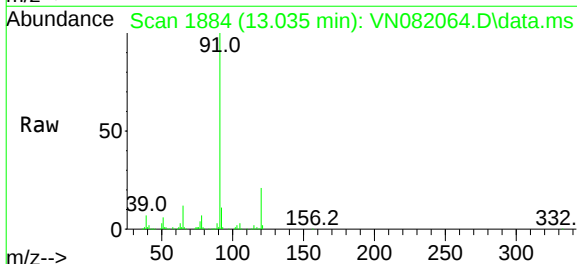
RT: 13.035 min Scan# 1884

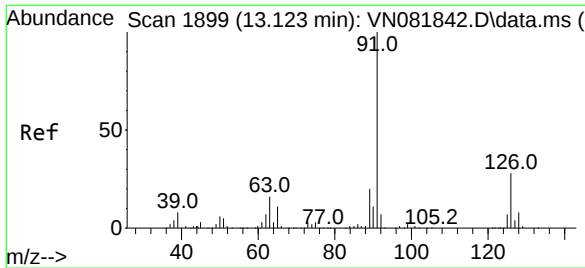
Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Tgt Ion:	91	Resp:	615421
Ion	Ratio	Lower	Upper
91	100		
120	20.6	11.7	35.0





#79

2-Chlorotoluene

Concen: 47.062 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 363912

Ion Ratio Lower Upper

91 100

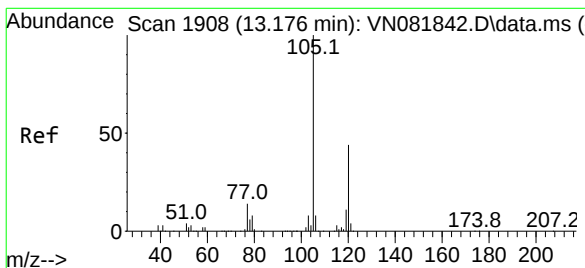
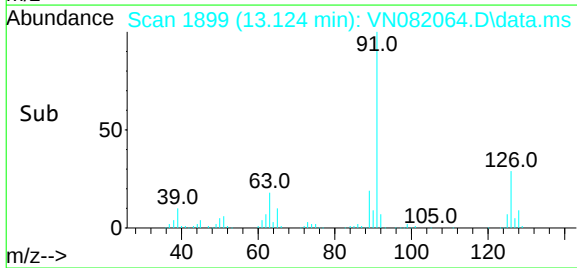
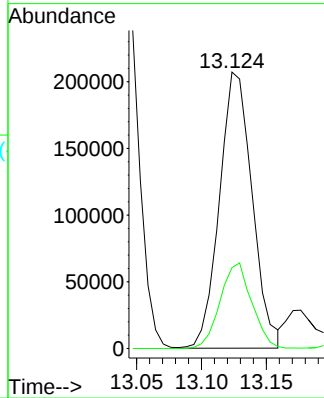
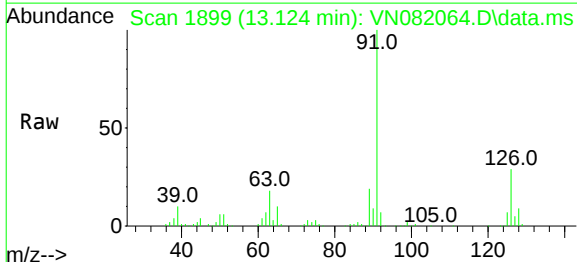
126 29.9 17.5 52.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#80

1,3,5-Trimethylbenzene

Concen: 48.408 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082064.D

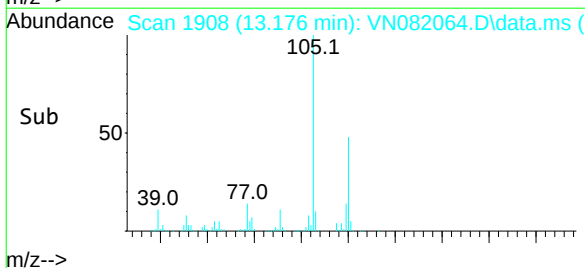
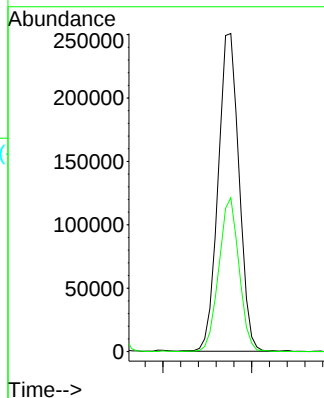
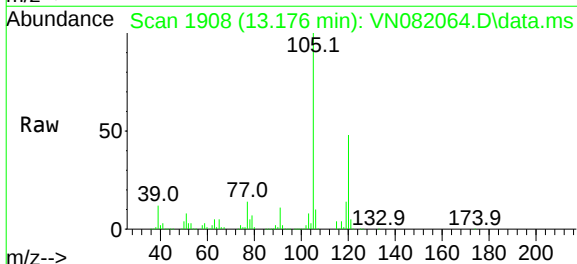
Acq: 10 May 2024 12:38

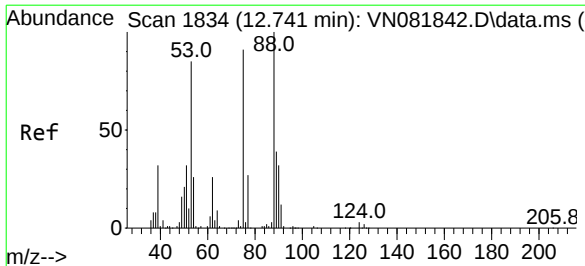
Tgt Ion:105 Resp: 409868

Ion Ratio Lower Upper

105 100

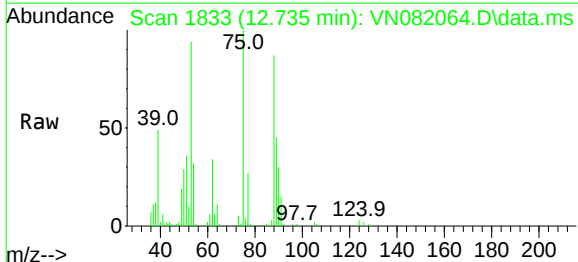
120 46.8 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.398 ug/l
RT: 12.735 min Scan# 1834
Delta R.T. -0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

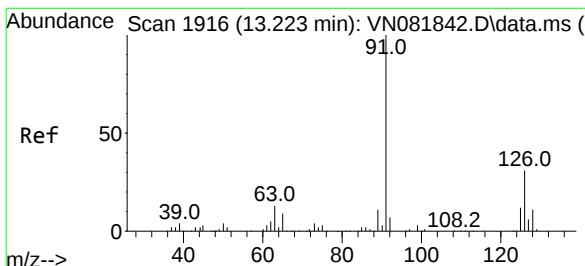
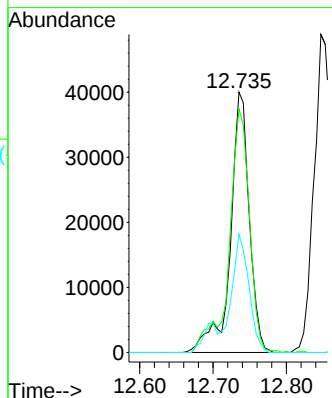
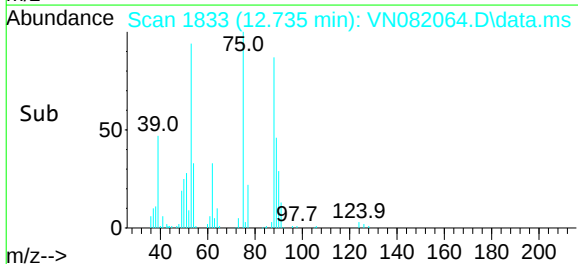
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.2	72.9	109.3
89	41.7	39.1	58.7

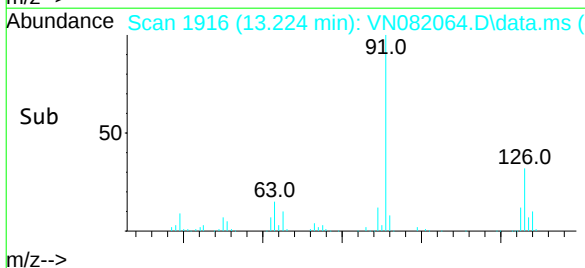
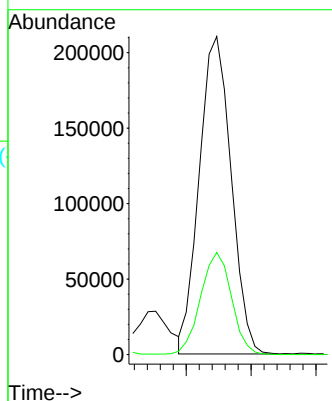
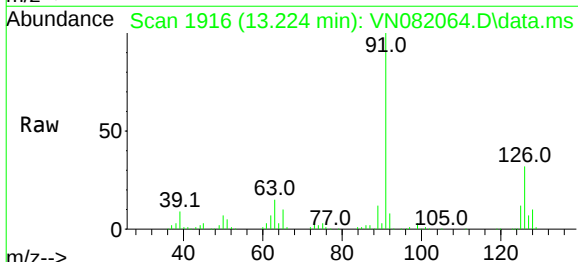
Manual Integrations
APPROVED

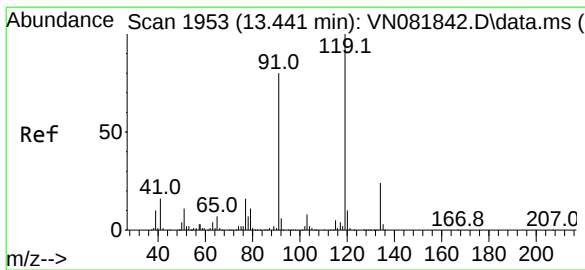
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#82
4-Chlorotoluene
Concen: 47.866 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	17.4	52.3





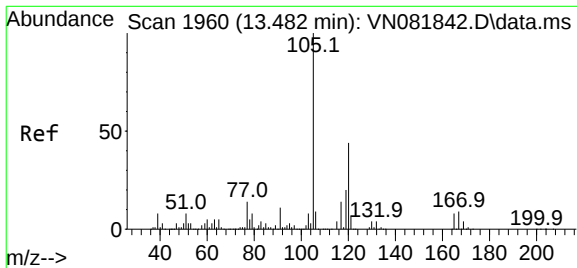
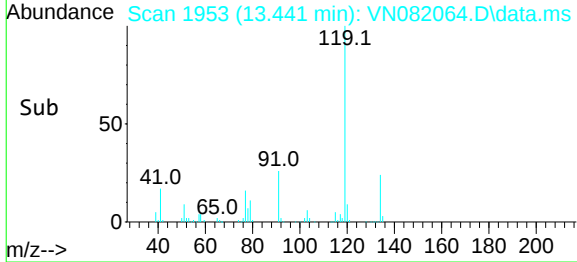
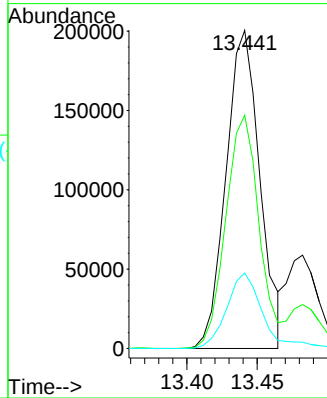
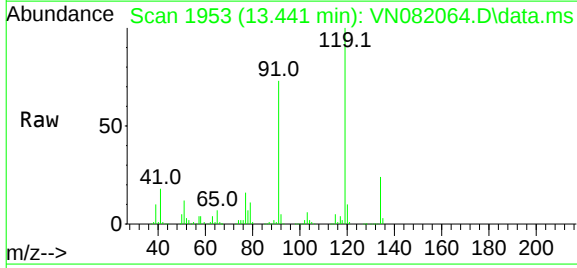
#83
tert-Butylbenzene
Concen: 47.685 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 336224
Ion Ratio Lower Upper
119 100
91 73.4 32.6 97.8
134 25.1 12.4 37.0

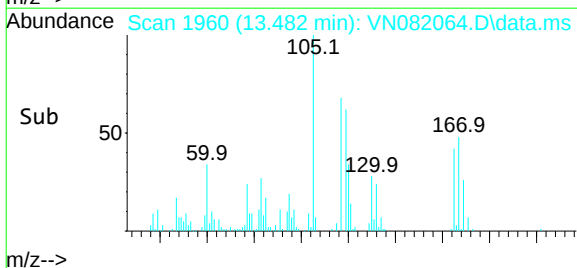
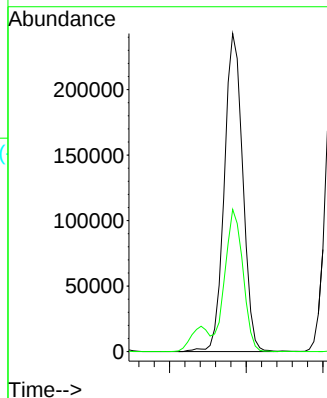
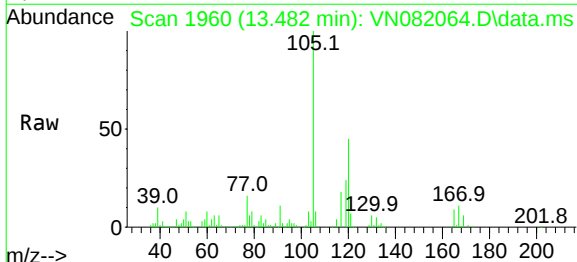
Manual Integrations
APPROVED

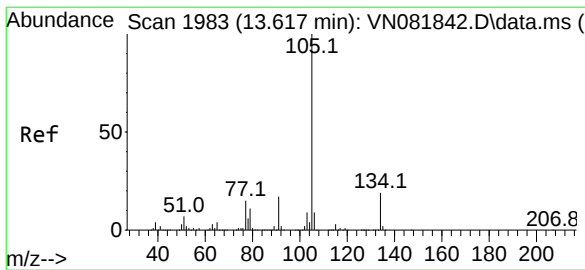
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#84
1,2,4-Trimethylbenzene
Concen: 47.959 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion:105 Resp: 405507
Ion Ratio Lower Upper
105 100
120 44.2 22.9 68.7





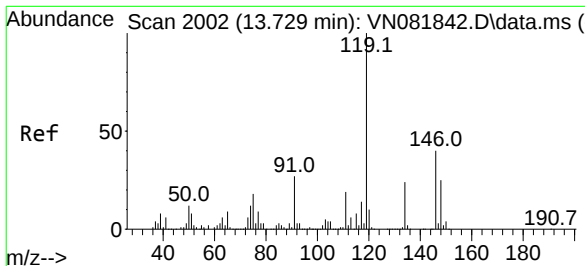
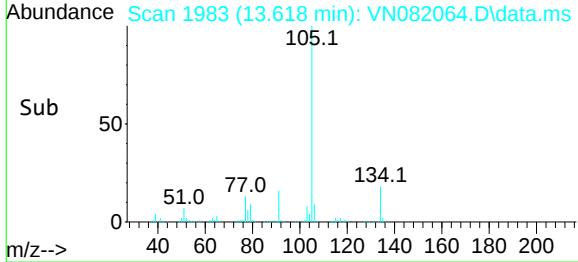
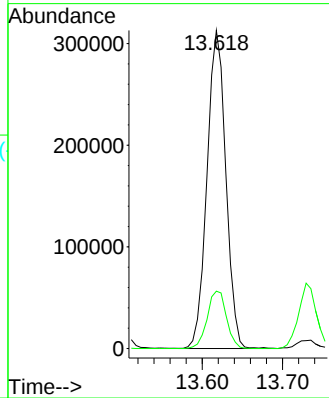
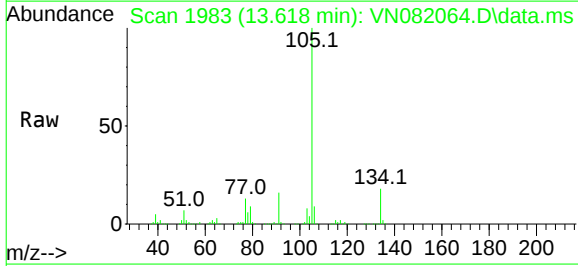
#85
sec-Butylbenzene
Concen: 51.319 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 509694
Ion Ratio Lower Upper
105 100
134 18.4 10.2 30.4

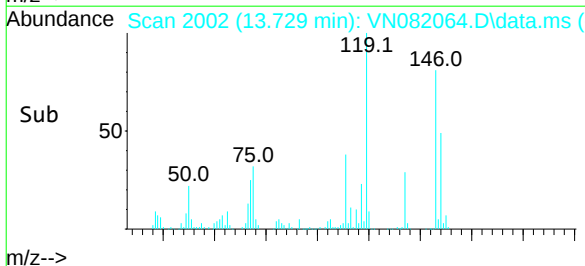
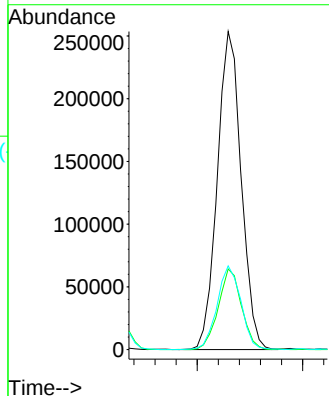
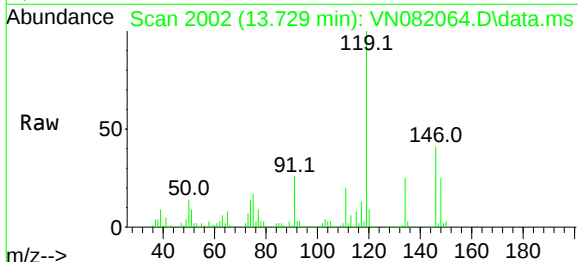
Manual Integrations
APPROVED

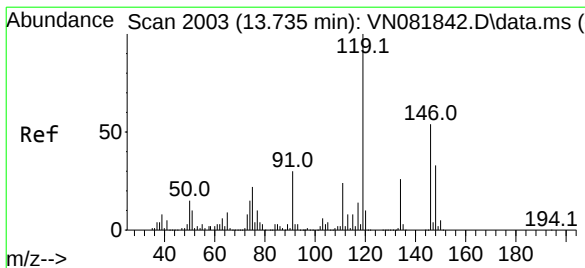
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#86
p-Isopropyltoluene
Concen: 50.079 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion:119 Resp: 399371
Ion Ratio Lower Upper
119 100
134 24.6 13.2 39.5
91 26.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 49.334 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 192738

Ion Ratio Lower Upper

146 100

111 45.9 20.8 62.5

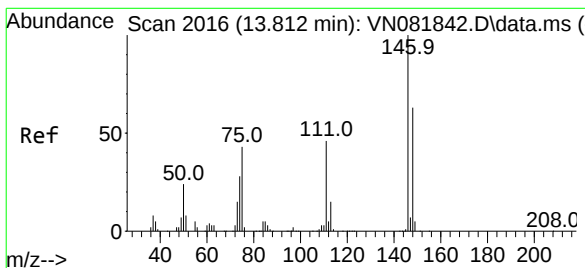
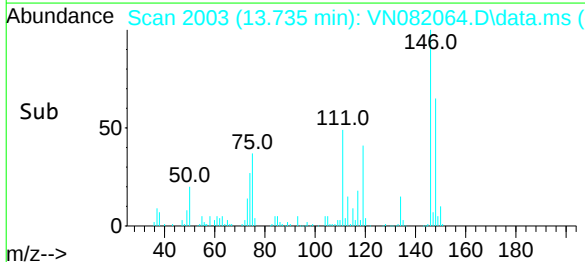
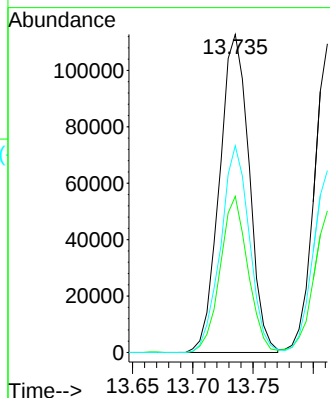
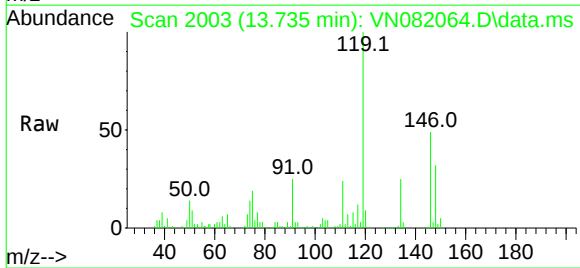
148 63.0 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#88

1,4-Dichlorobenzene

Concen: 49.036 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

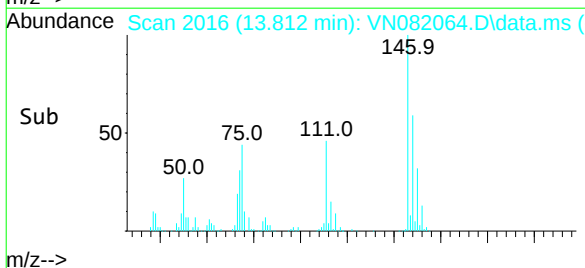
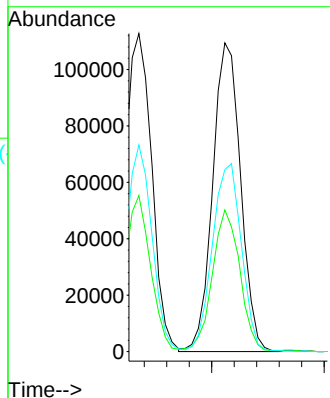
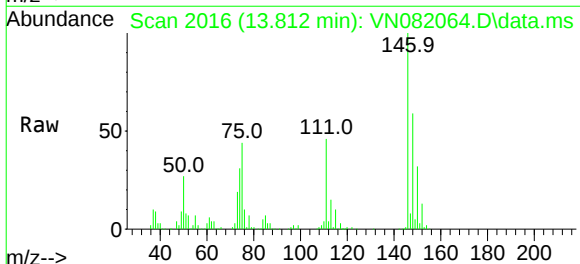
Tgt Ion:146 Resp: 188650

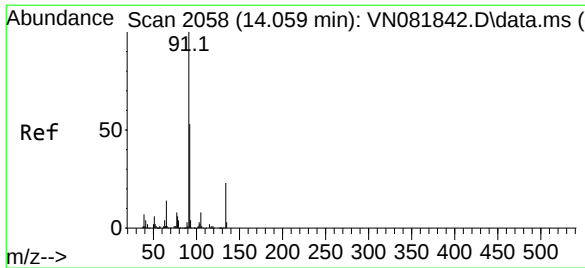
Ion Ratio Lower Upper

146 100

111 44.9 19.3 57.9

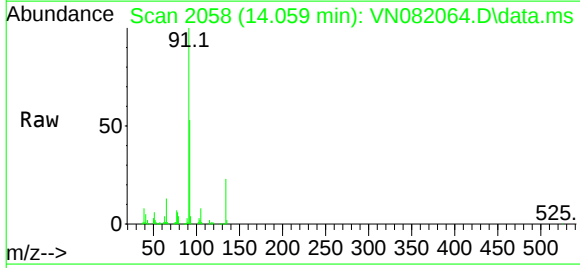
148 63.5 31.3 93.9





#89
n-Butylbenzene
Concen: 52.688 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

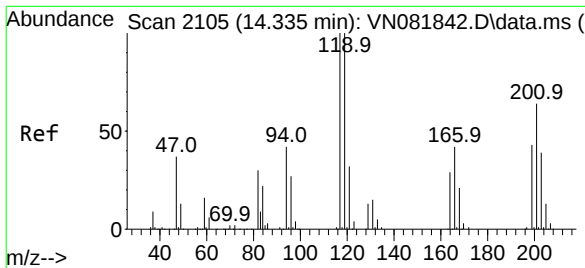
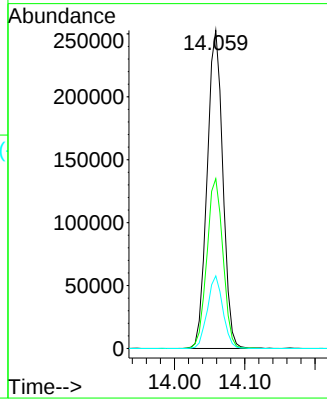
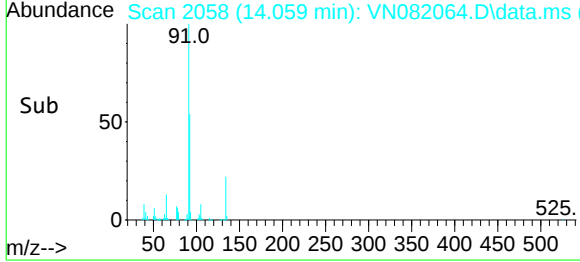
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 391100
Ion Ratio Lower Upper
91 100
92 54.8 26.2 78.5
134 22.6 13.2 39.5

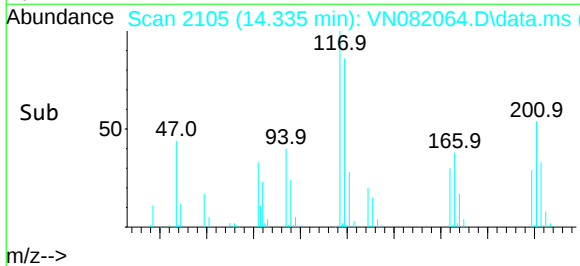
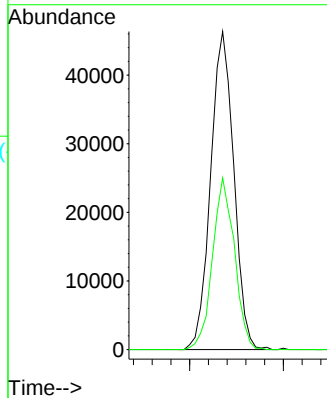
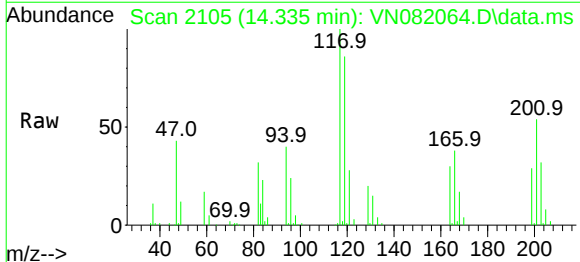
Manual Integrations
APPROVED

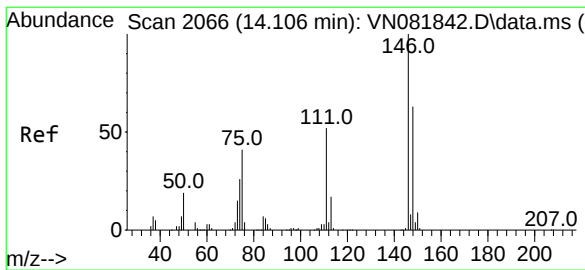
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#90
Hexachloroethane
Concen: 50.777 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion:117 Resp: 79658
Ion Ratio Lower Upper
117 100
201 51.1 33.3 99.8





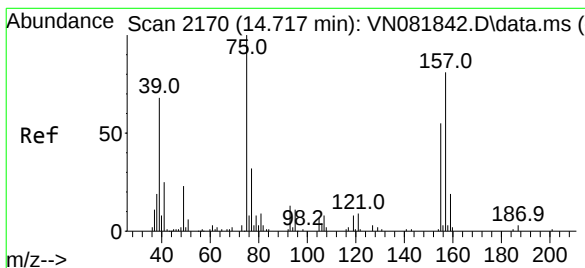
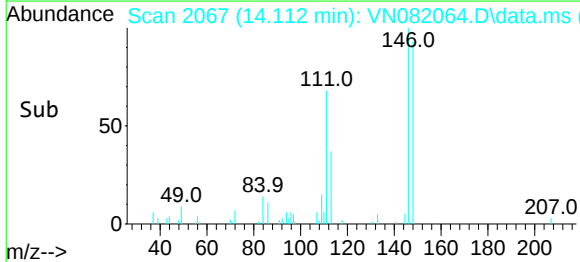
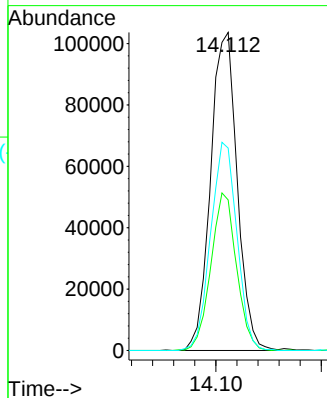
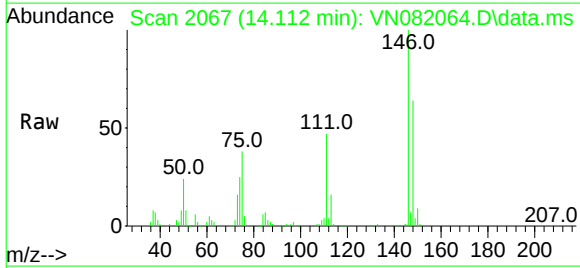
#91
1,2-Dichlorobenzene
Concen: 48.531 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 181759
Ion Ratio Lower Upper
146 100
111 47.8 21.3 64.0
148 64.7 31.8 95.4

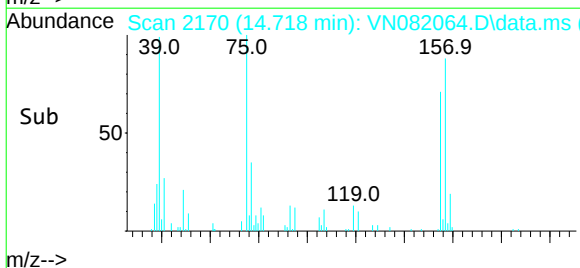
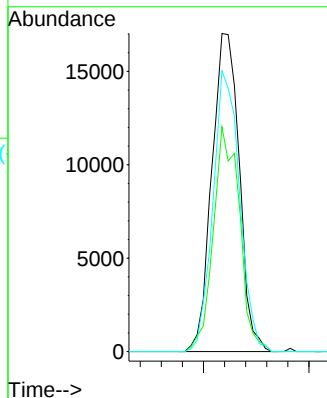
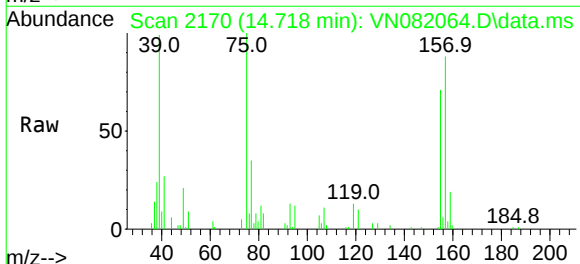
Manual Integrations
APPROVED

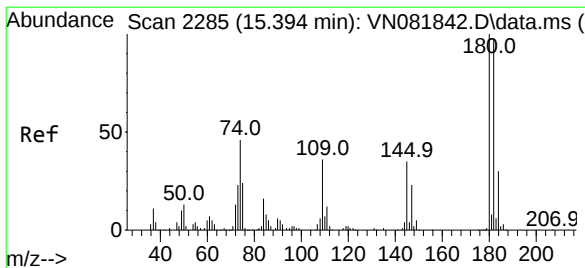
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.022 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN082064.D
Acq: 10 May 2024 12:38

Tgt Ion: 75 Resp: 30740
Ion Ratio Lower Upper
75 100
155 67.3 42.6 128.0
157 85.6 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 46.240 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 96885

Ion Ratio Lower Upper

180 100

182 95.5 46.7 140.0

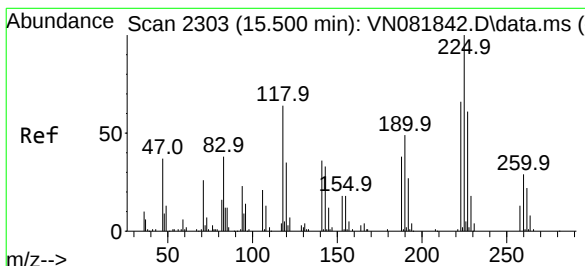
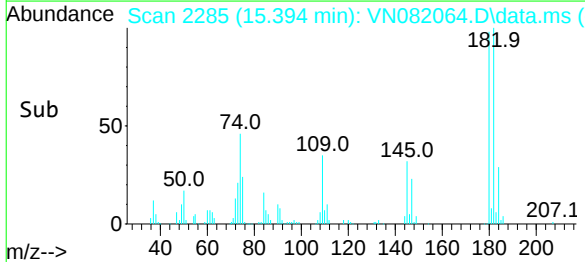
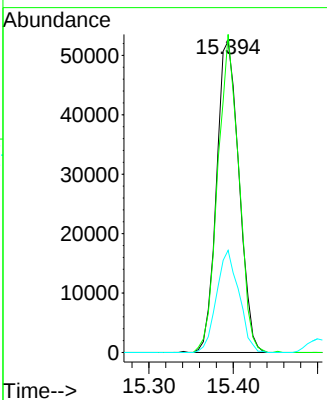
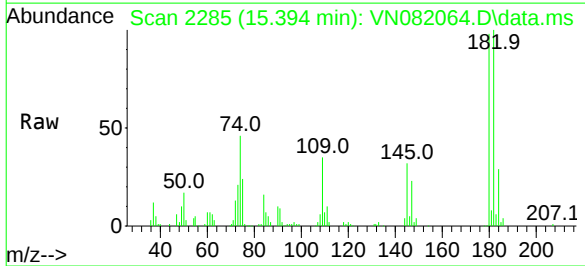
145 32.8 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#94

Hexachlorobutadiene

Concen: 44.100 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

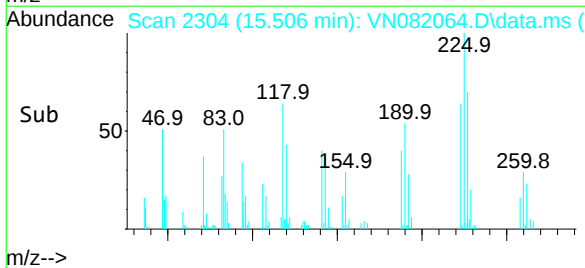
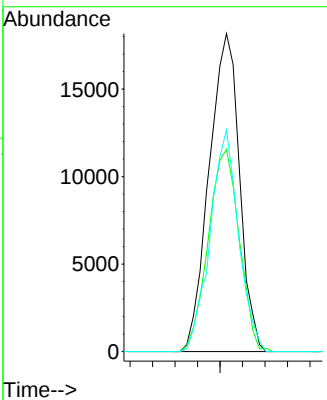
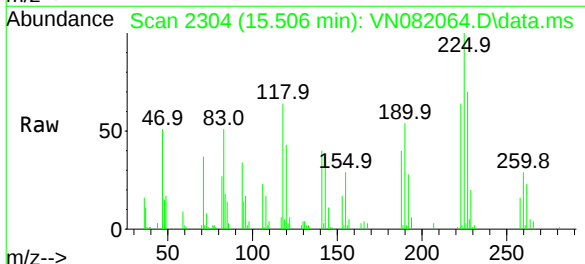
Tgt Ion:225 Resp: 34058

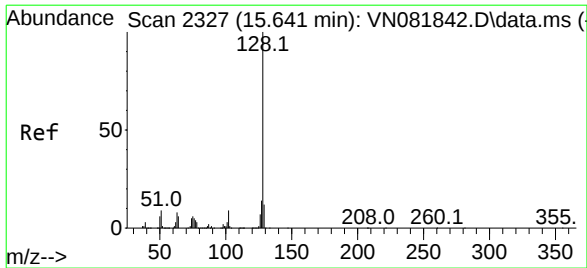
Ion Ratio Lower Upper

225 100

223 65.0 31.1 93.2

227 65.3 30.6 91.6





#95

Naphthalene

Concen: 47.969 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

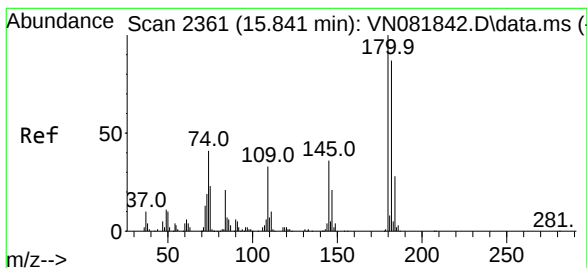
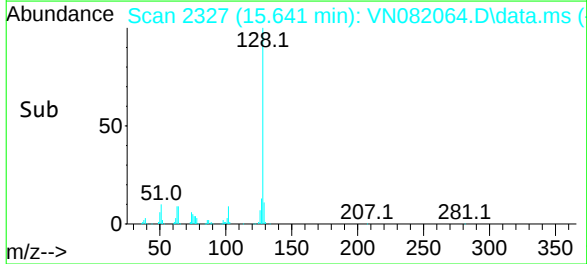
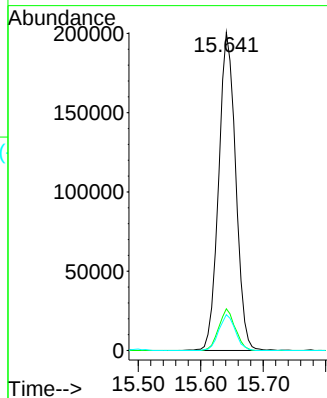
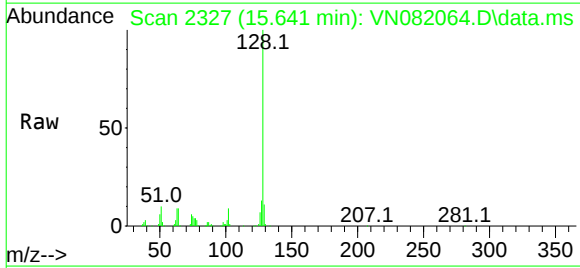
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#96

1,2,3-Trichlorobenzene

Concen: 47.544 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082064.D

Acq: 10 May 2024 12:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.0	137.8
145	38.0	17.1	51.3

