

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
 Data File : VN081039.D
 Acq On : 15 Feb 2024 14:58
 Operator : JC\MD
 Sample : VN0215MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2024
 Supervised By : Mahesh Dadoda 02/16/2024

Quant Time: Feb 16 00:25:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	574829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	986863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	890605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	342035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	320871	45.382	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.760%		
35) Dibromofluoromethane	8.165	113	271912	48.056	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.120%		
50) Toluene-d8	10.565	98	974935	48.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.720%		
62) 4-Bromofluorobenzene	12.853	95	355738	52.416	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	146917	19.928	ug/l	98
3) Chloromethane	2.365	50	171204	19.121	ug/l	98
4) Vinyl Chloride	2.512	62	145510	18.793	ug/l	95
5) Bromomethane	2.965	94	70847	18.135	ug/l	99
6) Chloroethane	3.118	64	85185	17.112	ug/l	98
7) Trichlorofluoromethane	3.501	101	214486	19.680	ug/l	90
8) Diethyl Ether	3.959	74	74323	17.201	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	123176	19.152	ug/l	# 88
10) Methyl Iodide	4.589	142	110621	16.937	ug/l	95
11) Tert butyl alcohol	5.506	59	109206	86.106	ug/l	# 87
12) 1,1-Dichloroethene	4.342	96	115395	18.419	ug/l	87
13) Acrolein	4.177	56	93351	87.338	ug/l	98
14) Allyl chloride	5.018	41	176568	17.306	ug/l	95
15) Acrylonitrile	5.712	53	289790	89.214	ug/l	97
16) Acetone	4.418	43	209101	75.546	ug/l	97
17) Carbon Disulfide	4.712	76	313973	17.297	ug/l	97
18) Methyl Acetate	5.018	43	128200	17.586	ug/l	93
19) Methyl tert-butyl Ether	5.789	73	398166	18.214	ug/l	98
20) Methylene Chloride	5.277	84	129543	17.968	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	125857	18.273	ug/l	88
22) Diisopropyl ether	6.671	45	400416	17.943	ug/l	# 95
23) Vinyl Acetate	6.600	43	1597372	88.806	ug/l	# 94
24) 1,1-Dichloroethane	6.571	63	229113	18.410	ug/l	98
25) 2-Butanone	7.483	43	364718	81.166	ug/l	94
26) 2,2-Dichloropropane	7.489	77	211543	18.470	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	143485	18.025	ug/l	92
28) Bromochloromethane	7.812	49	91697	18.251	ug/l	# 66
29) Tetrahydrofuran	7.841	42	249594	86.429	ug/l	# 88
30) Chloroform	7.965	83	237890	17.812	ug/l	100
31) Cyclohexane	8.253	56	211787	17.242	ug/l	# 84
32) 1,1,1-Trichloroethane	8.165	97	222066	18.830	ug/l	# 87
36) 1,1-Dichloropropene	8.371	75	180443	19.113	ug/l	96
37) Ethyl Acetate	7.559	43	160805	18.620	ug/l	99
38) Carbon Tetrachloride	8.359	117	185599	26.859	ug/l	99
39) Methylcyclohexane	9.600	83	225299	19.398	ug/l	93
40) Benzene	8.606	78	530560	19.004	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	93864	17.905	ug/l	96
42) 1,2-Dichloroethane	8.671	62	183219	18.489	ug/l	100
43) Isopropyl Acetate	8.688	43	282480	17.459	ug/l #	95
44) Trichloroethene	9.353	130	140142	16.948	ug/l	93
45) 1,2-Dichloropropane	9.618	63	131961	19.108	ug/l	99
46) Dibromomethane	9.706	93	92157	18.905	ug/l #	90
47) Bromodichloromethane	9.888	83	188491	19.730	ug/l #	96
48) Methyl methacrylate	9.682	41	131446	17.255	ug/l	91
49) 1,4-Dioxane	9.694	88	52070	352.476	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	830184	92.005	ug/l	96
52) Toluene	10.629	92	342175	19.621	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	214001	19.013	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	223753	18.797	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	128992	19.670	ug/l #	91
56) Ethyl methacrylate	10.871	69	201292	18.746	ug/l	89
57) 1,3-Dichloropropane	11.165	76	228896	19.538	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	459859	86.309	ug/l #	88
59) 2-Hexanone	11.194	43	616907	93.093	ug/l	96
60) Dibromochloromethane	11.365	129	138803	22.259	ug/l	99
61) 1,2-Dibromoethane	11.471	107	132853	19.267	ug/l	95
64) Tetrachloroethene	11.106	164	126774	13.963	ug/l	94
65) Chlorobenzene	11.894	112	369323	19.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	132669	20.634	ug/l	97
67) Ethyl Benzene	11.965	91	676251	19.207	ug/l	99
68) m/p-Xylenes	12.071	106	513278	39.533	ug/l	98
69) o-Xylene	12.400	106	255591	20.298	ug/l	94
70) Styrene	12.412	104	400101	19.936	ug/l	98
71) Bromoform	12.582	173	81326	24.862	ug/l #	97
73) Isopropylbenzene	12.694	105	664925	19.241	ug/l	98
74) N-amyl acetate	12.494	43	277892	17.479	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	149253	17.596	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	143049m	18.928	ug/l	
77) Bromobenzene	12.982	156	139065	19.868	ug/l	74
78) n-propylbenzene	13.035	91	770330	19.535	ug/l	96
79) 2-Chlorotoluene	13.123	91	444749	19.527	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	534240	19.926	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	58891	18.139	ug/l	92
82) 4-Chlorotoluene	13.223	91	430997	19.582	ug/l	93
83) tert-Butylbenzene	13.441	119	458451	19.968	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	519516	20.111	ug/l	99
85) sec-Butylbenzene	13.618	105	643537	20.431	ug/l	93
86) p-Isopropyltoluene	13.729	119	525188	20.734	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	231552	19.454	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	232805	18.930	ug/l	97
89) n-Butylbenzene	14.059	91	439959	18.975	ug/l	96
90) Hexachloroethane	14.335	117	61442	82.775	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	216350	18.750	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28217	15.433	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	124498	18.011	ug/l	97
94) Hexachlorobutadiene	15.500	225	49447	17.296	ug/l	97
95) Naphthalene	15.641	128	404319	16.441	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	121685	17.964	ug/l	97

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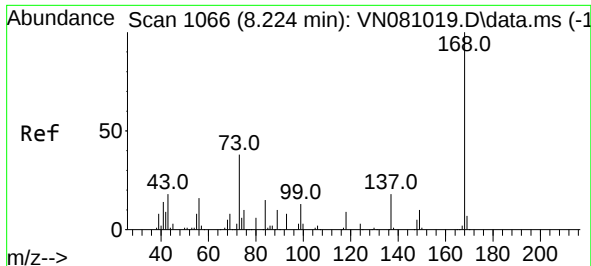
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/16/2024

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Quant Title : SW846 8260
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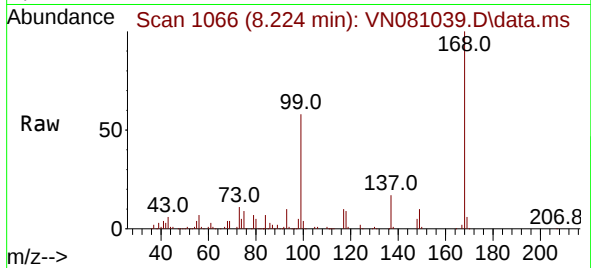
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081039.D
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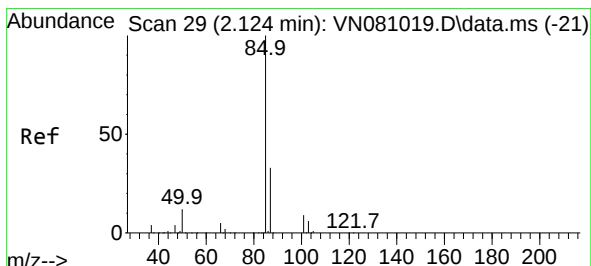
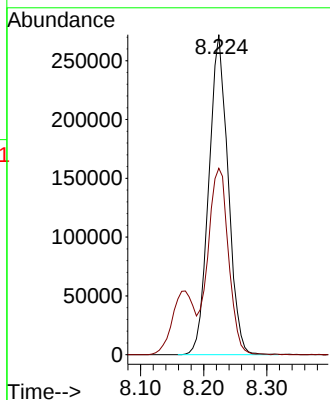
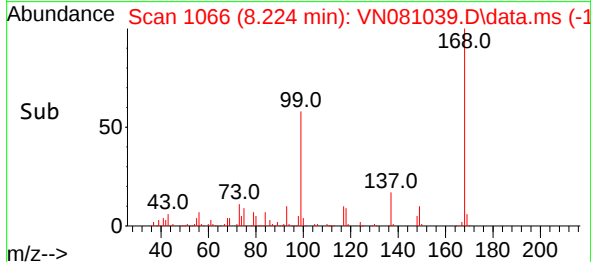
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Tgt Ion:168 Resp: 574829
Ion Ratio Lower Upper
168 100
99 58.1 59.9 89.9

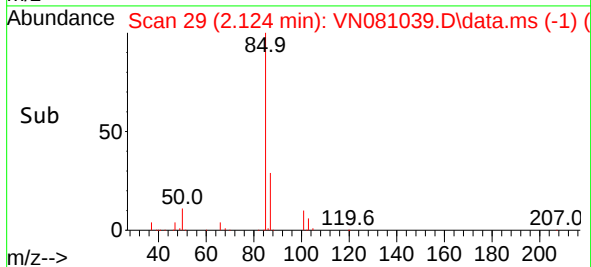
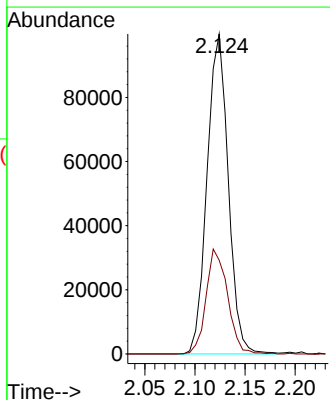
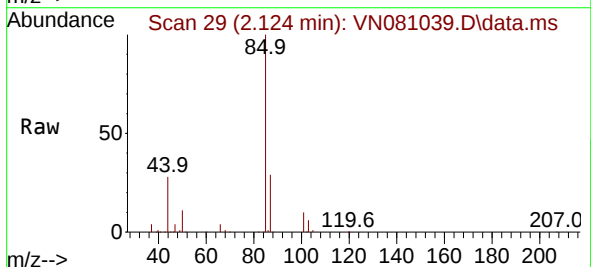
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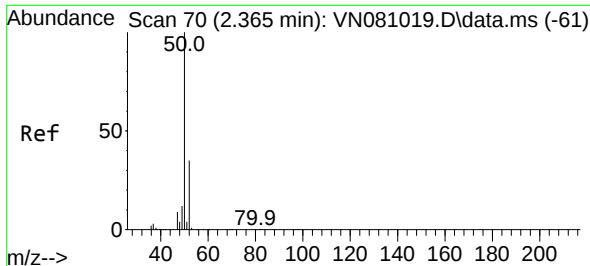
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#2
Dichlorodifluoromethane
Concen: 19.928 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

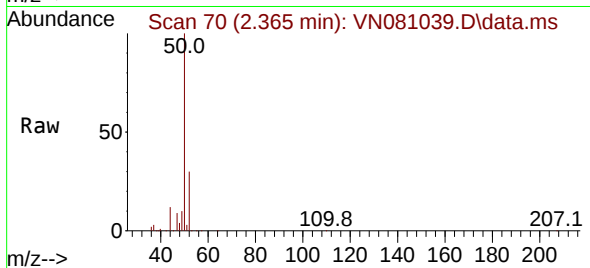
Tgt Ion: 85 Resp: 146917
Ion Ratio Lower Upper
85 100
87 29.3 15.3 45.9





#3
Chloromethane
Concen: 19.121 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

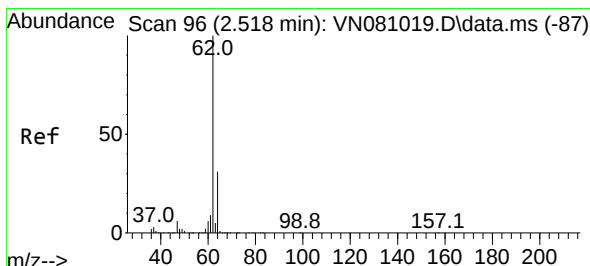
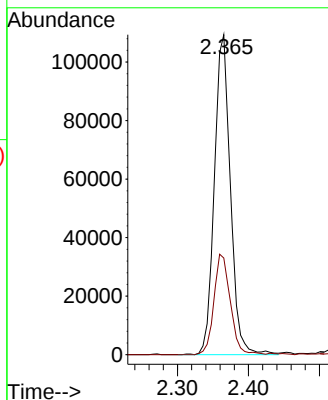
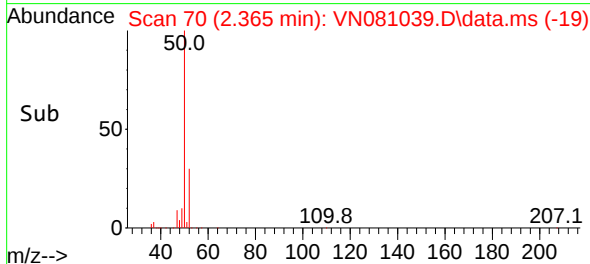
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 171204
Ion Ratio Lower Upper
50 100
52 30.2 25.0 37.4

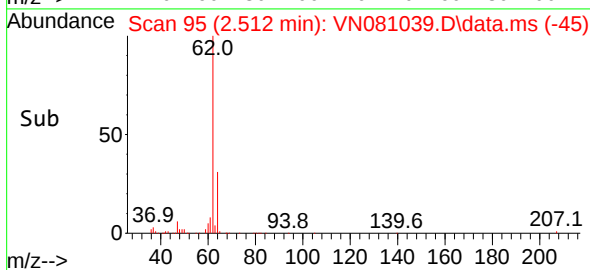
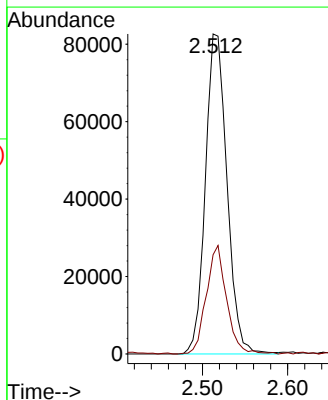
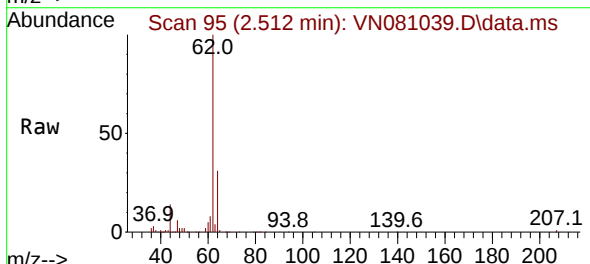
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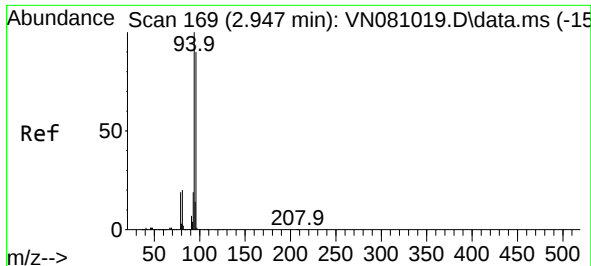
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#4
Vinyl Chloride
Concen: 18.793 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

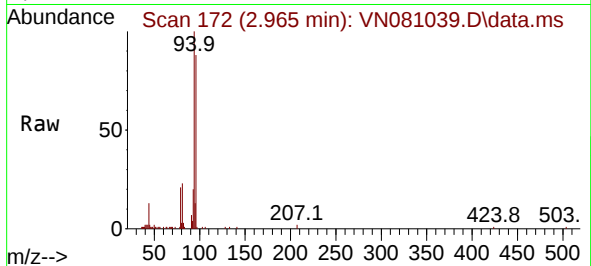
Tgt Ion: 62 Resp: 145510
Ion Ratio Lower Upper
62 100
64 31.0 22.7 34.1





#5
Bromomethane
Concen: 18.135 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

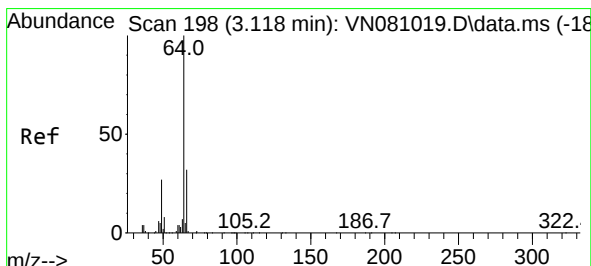
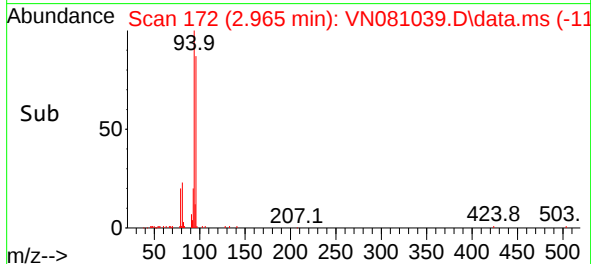
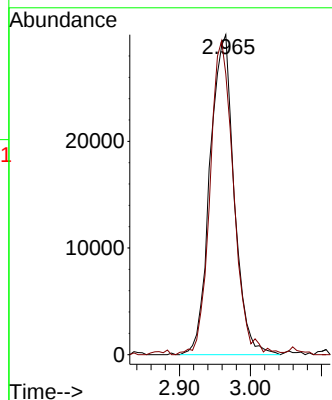
Instrument :
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Tgt Ion: 94 Resp: 7084
Ion Ratio Lower Upper
94 100
96 87.0 69.2 103.8

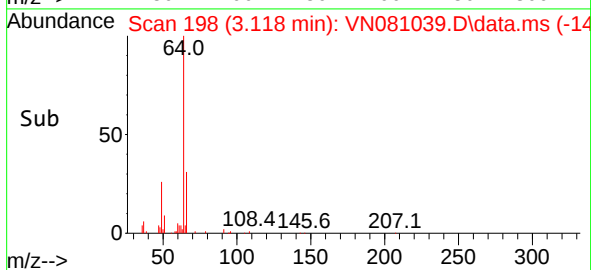
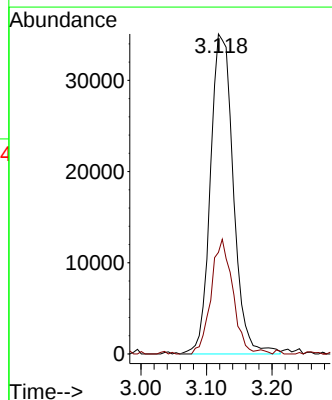
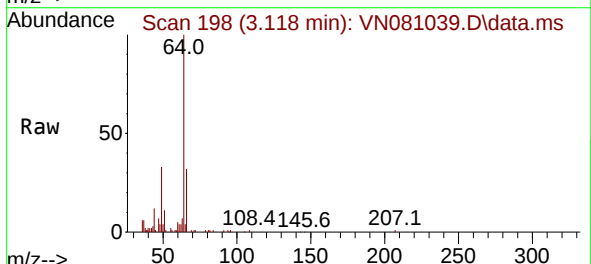
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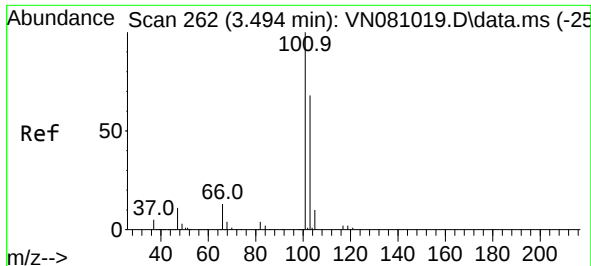
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#6
Chloroethane
Concen: 17.112 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
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Acq: 15 Feb 2024 14:58

Tgt Ion: 64 Resp: 85185
Ion Ratio Lower Upper
64 100
66 31.7 26.4 39.6





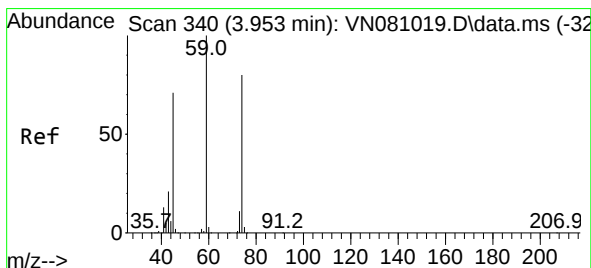
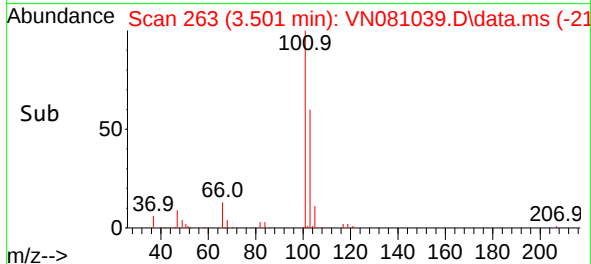
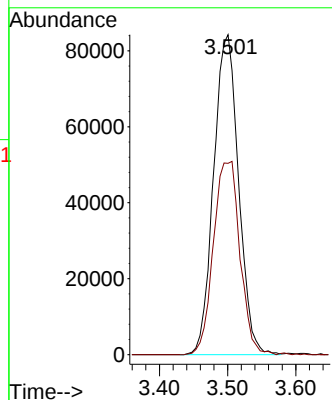
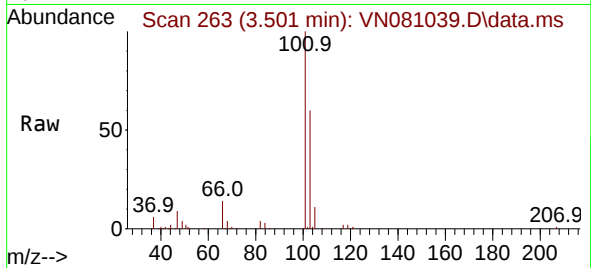
#7
Trichlorofluoromethane
Concen: 19.680 ug/l
RT: 3.501 min Scan# 214480
Delta R.T. 0.006 min
Lab File: VN081039.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01

Tgt Ion:101 Resp: 214480
Ion Ratio Lower Upper
101 100
103 59.8 54.4 81.6

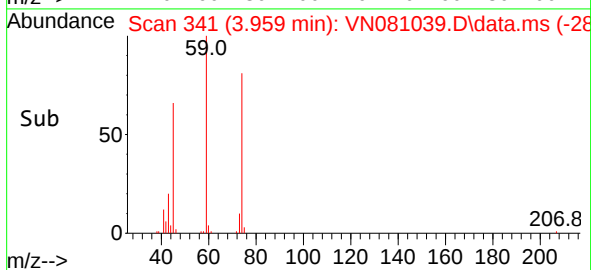
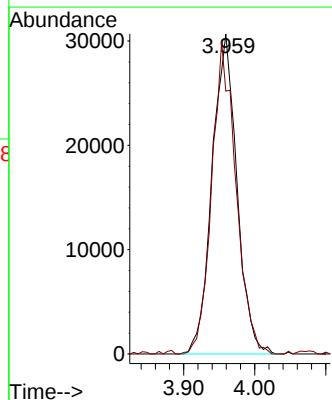
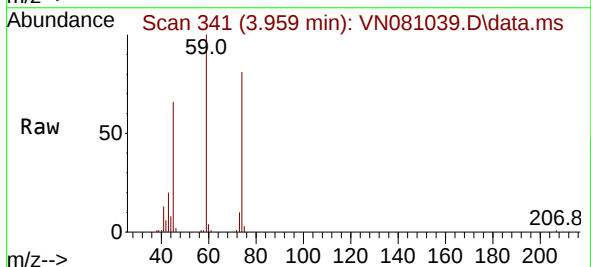
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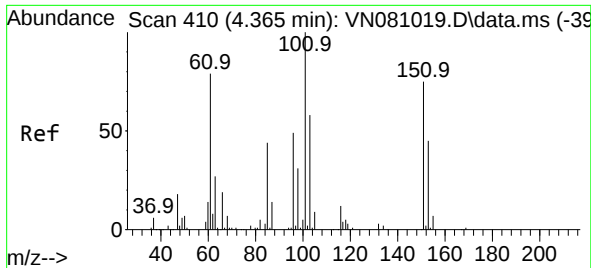
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#8
Diethyl Ether
Concen: 17.201 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Tgt Ion: 74 Resp: 74323
Ion Ratio Lower Upper
74 100
45 95.3 53.3 159.9





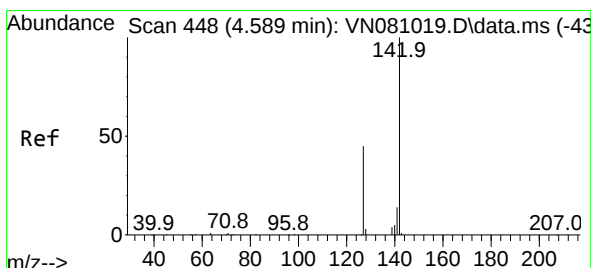
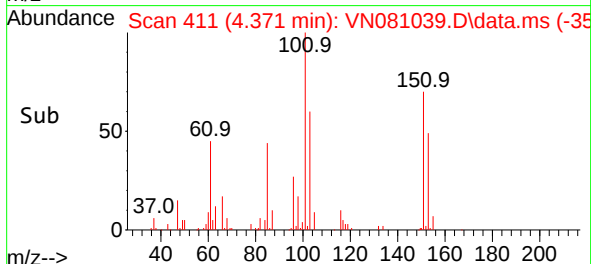
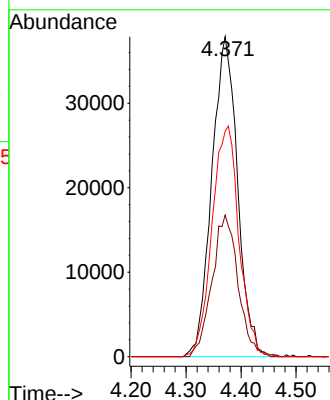
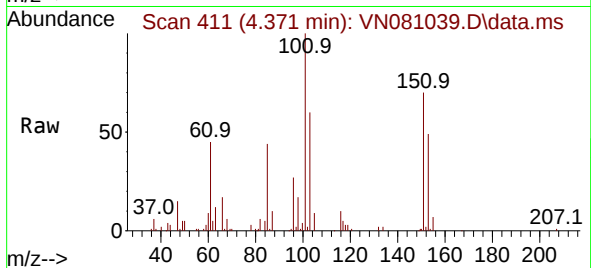
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.152 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01

Tgt Ion:101 Resp: 123170
Ion Ratio Lower Upper
101 100
85 44.8 38.1 57.1
151 75.5 49.1 73.7

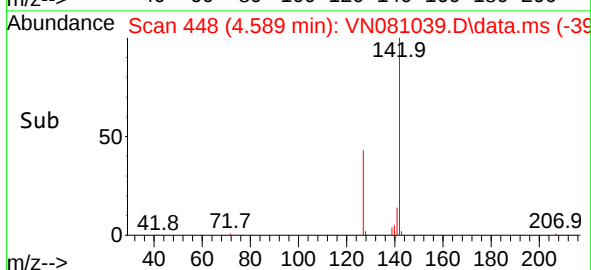
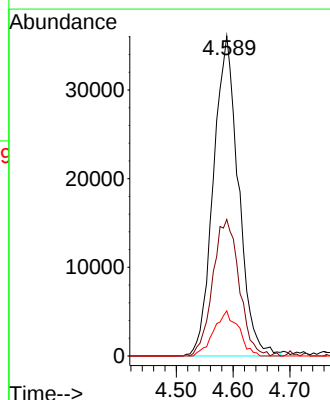
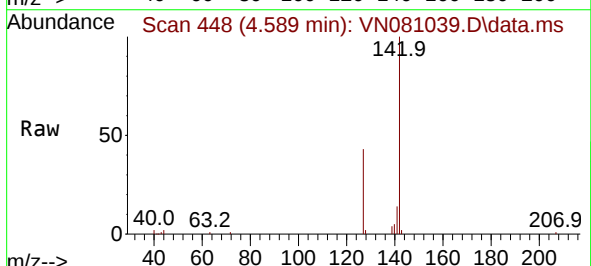
Manual Integrations
APPROVED

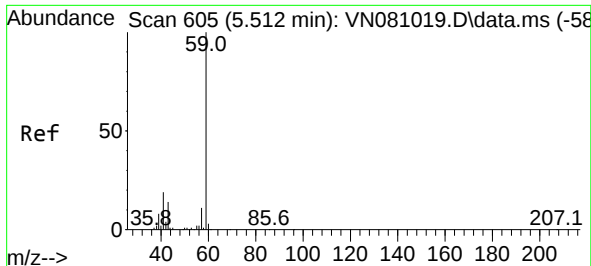
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#10
Methyl Iodide
Concen: 16.937 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

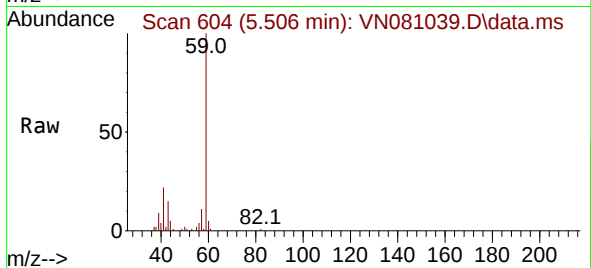
Tgt Ion:142 Resp: 110621
Ion Ratio Lower Upper
142 100
127 42.7 37.0 55.4
141 14.1 12.5 18.7





#11
Tert butyl alcohol
Concen: 86.106 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

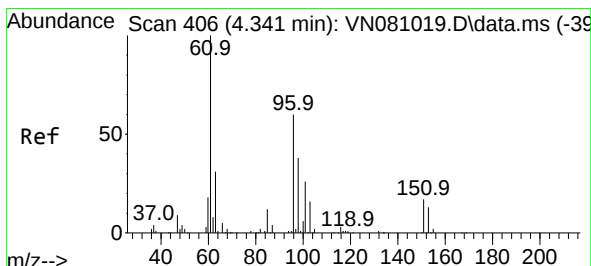
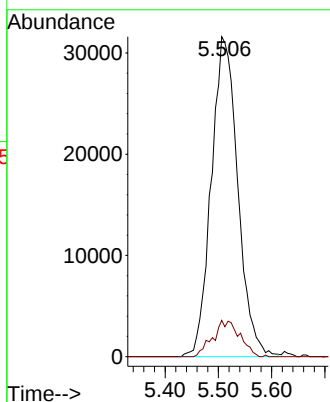
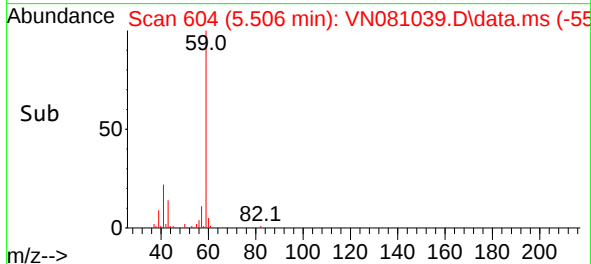
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



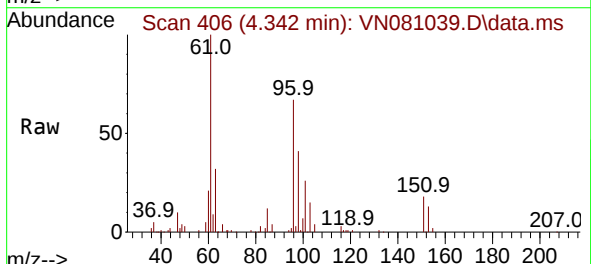
Tgt Ion: 59 Resp: 109200
Ion Ratio Lower Upper
59 100
57 5.7 8.6 12.8

Manual Integrations
APPROVED

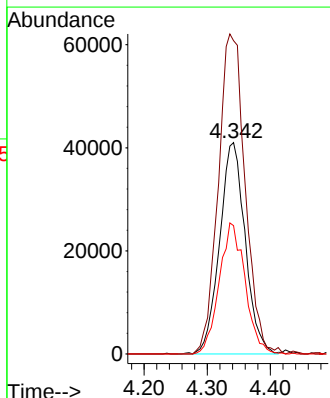
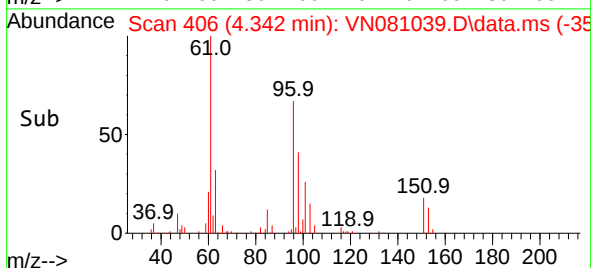
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

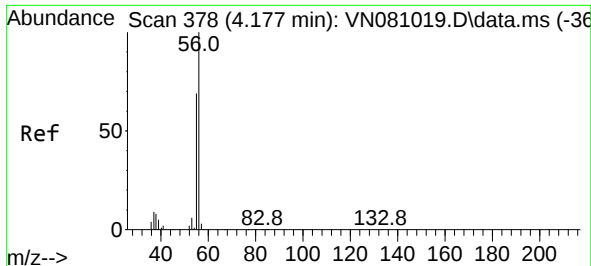


#12
1,1-Dichloroethene
Concen: 18.419 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



Tgt Ion: 96 Resp: 115395
Ion Ratio Lower Upper
96 100
61 148.2 138.2 207.4
98 60.7 49.2 73.8





#13

Acrolein

Concen: 87.338 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0215MBS01

Tgt Ion: 56 Resp: 9335

Ion Ratio Lower Upper

56 100

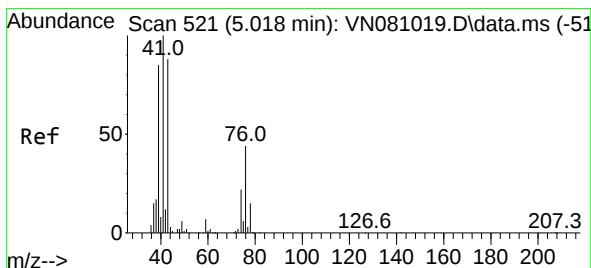
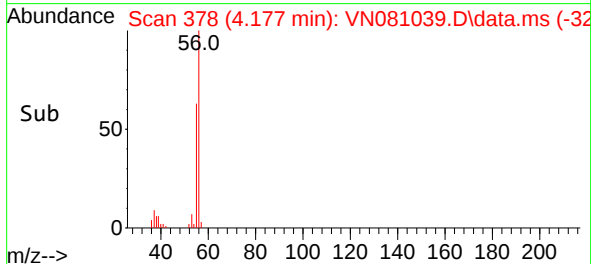
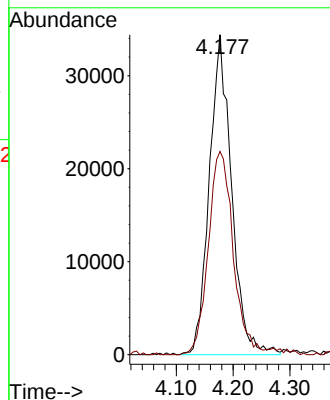
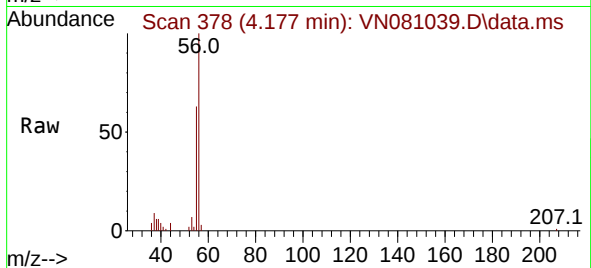
55 70.8 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#14

Allyl chloride

Concen: 17.306 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

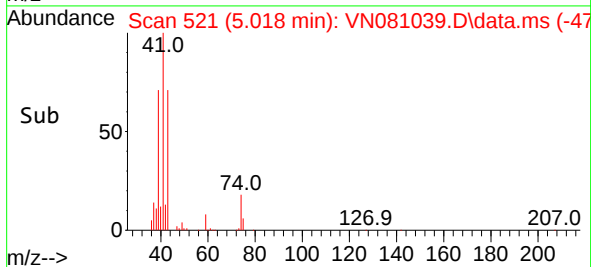
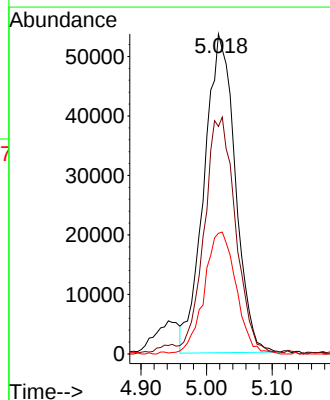
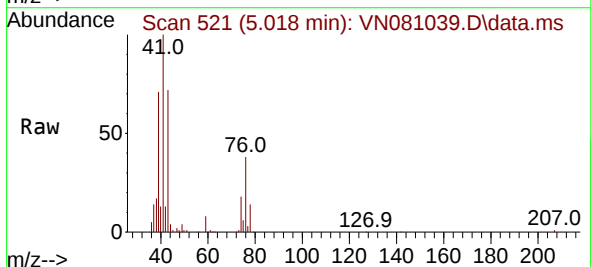
Tgt Ion: 41 Resp: 176568

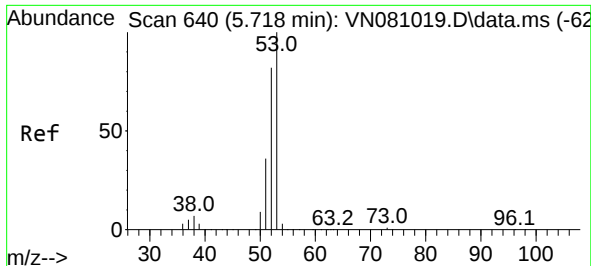
Ion Ratio Lower Upper

41 100

39 74.7 57.7 86.5

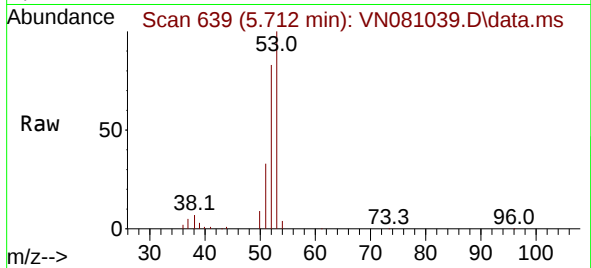
76 39.2 26.8 40.2





#15
Acrylonitrile
Concen: 89.214 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

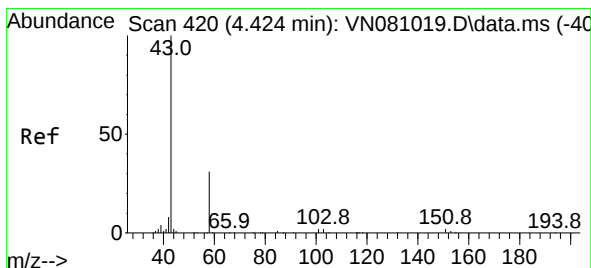
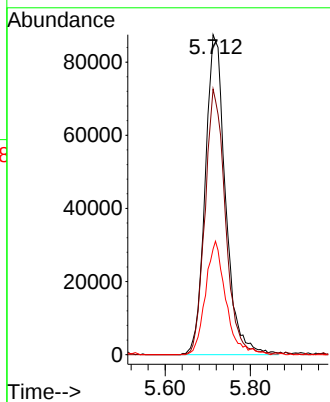
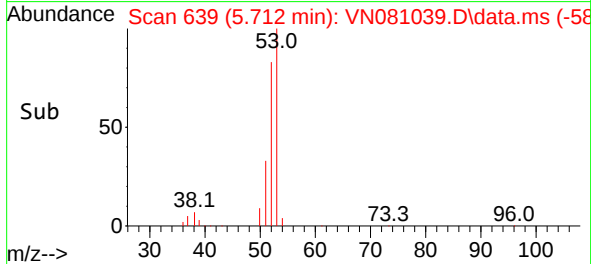
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



Tgt Ion: 53 Resp: 289790
Ion Ratio Lower Upper
53 100
52 83.3 64.8 97.2
51 35.6 26.9 40.3

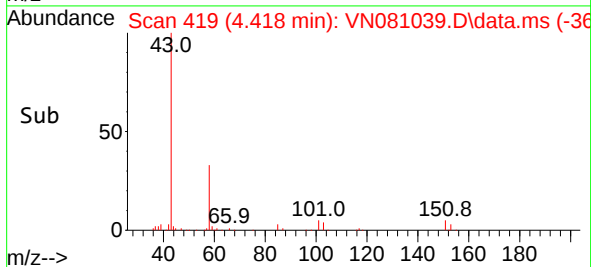
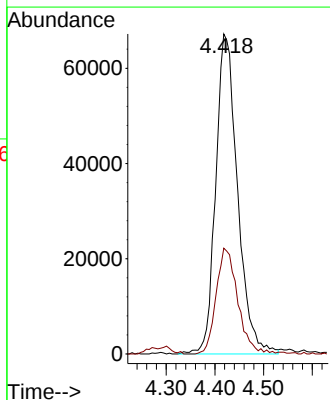
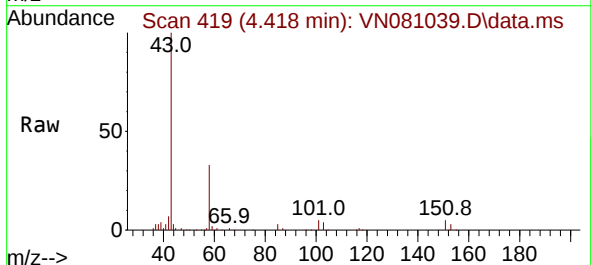
Manual Integrations
APPROVED

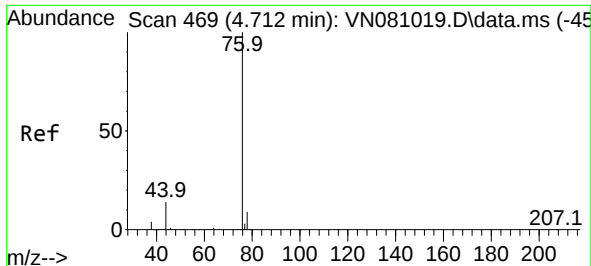
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#16
Acetone
Concen: 75.546 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

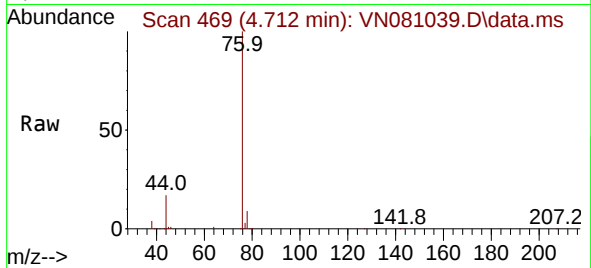
Tgt Ion: 43 Resp: 209101
Ion Ratio Lower Upper
43 100
58 32.6 24.8 37.2





#17
Carbon Disulfide
Concen: 17.297 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

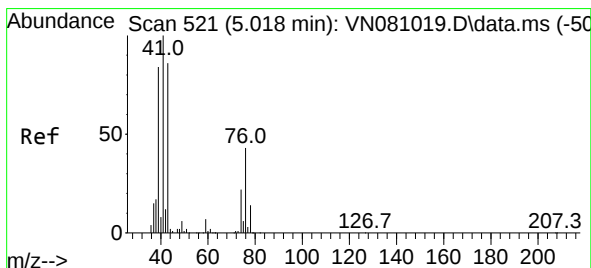
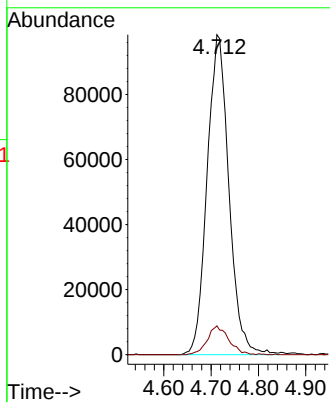
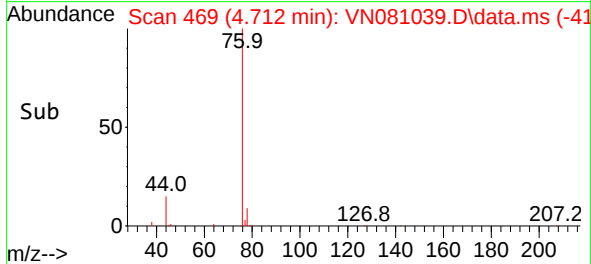
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



Tgt Ion: 76 Resp: 31397
Ion Ratio Lower Upper
76 100
78 9.0 6.3 9.5

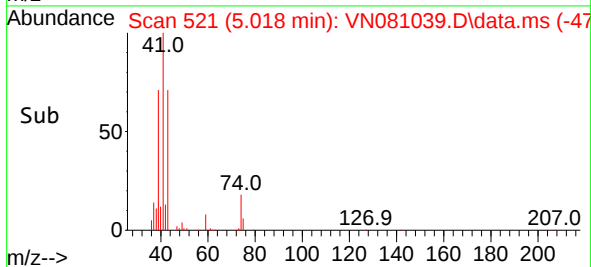
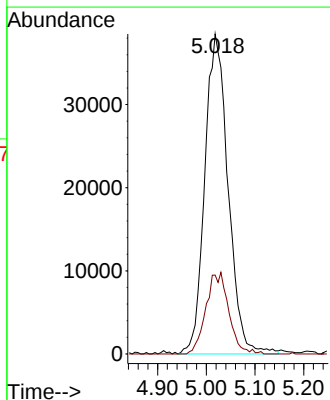
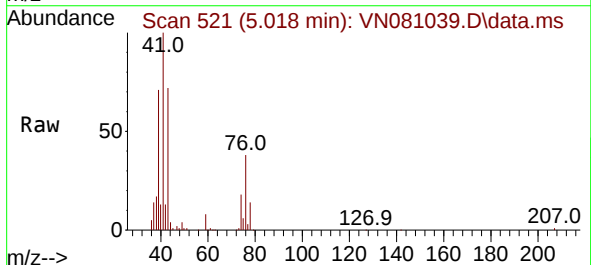
Manual Integrations
APPROVED

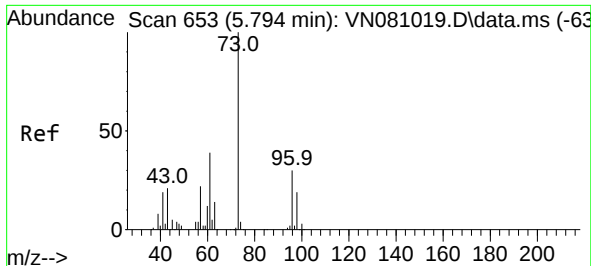
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#18
Methyl Acetate
Concen: 17.586 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Tgt Ion: 43 Resp: 128200
Ion Ratio Lower Upper
43 100
74 24.9 17.3 25.9





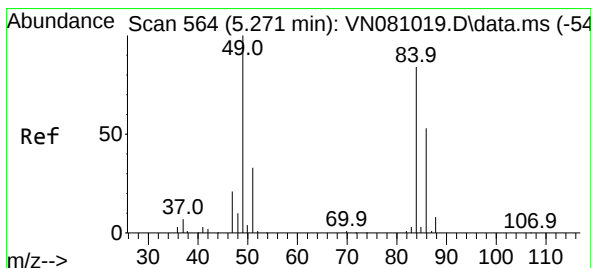
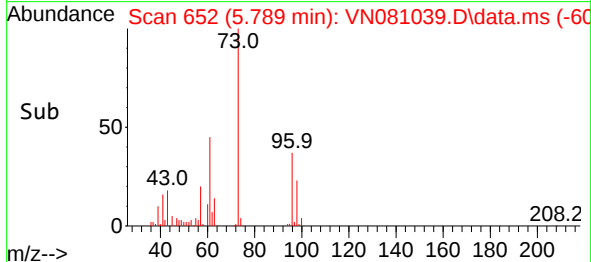
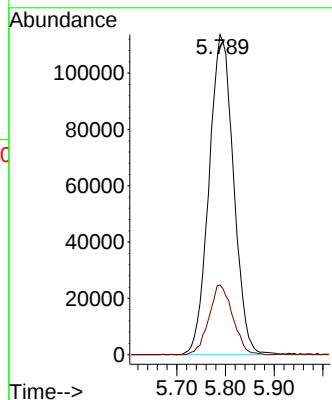
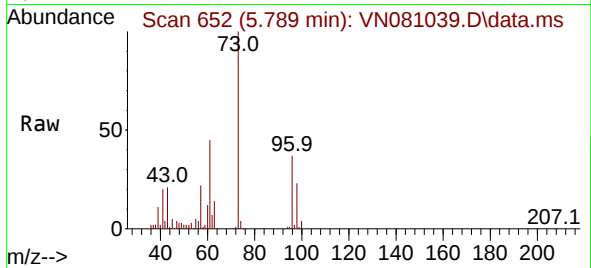
#19
Methyl tert-butyl Ether
Concen: 18.214 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01

Tgt Ion: 73 Resp: 39816
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.4

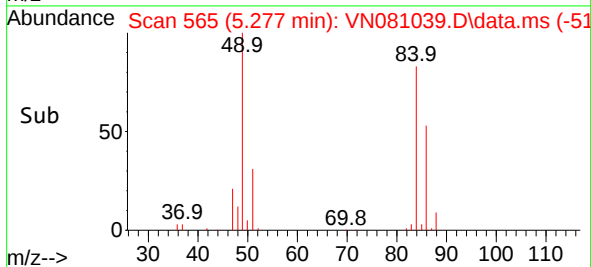
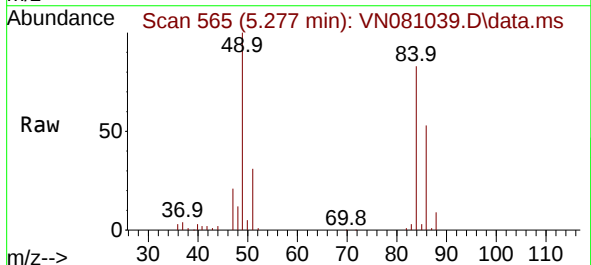
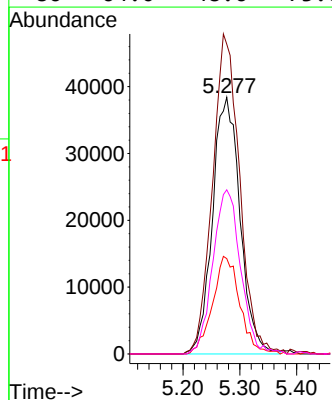
Manual Integrations
APPROVED

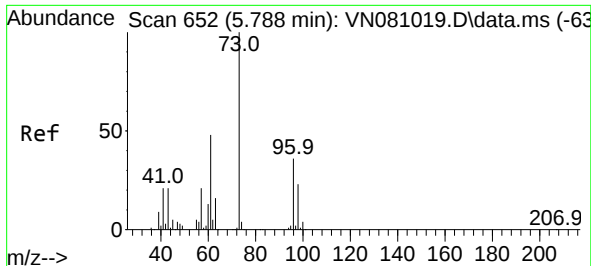
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#20
Methylene Chloride
Concen: 17.968 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

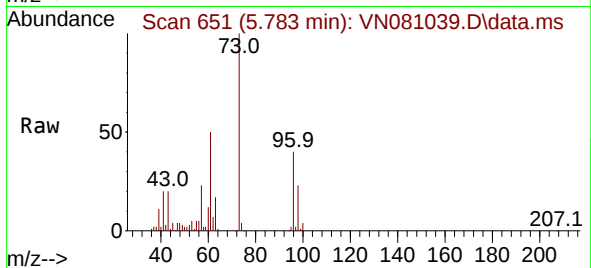
Tgt Ion: 84 Resp: 129543
Ion Ratio Lower Upper
84 100
49 120.7 108.1 162.1
51 37.2 32.9 49.3
86 64.0 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.273 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

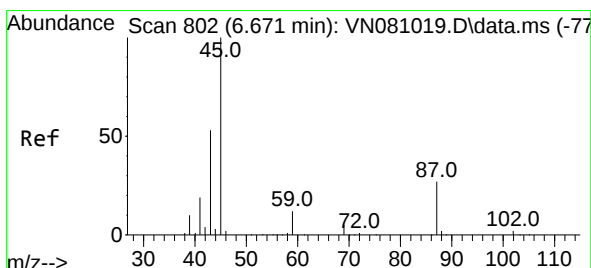
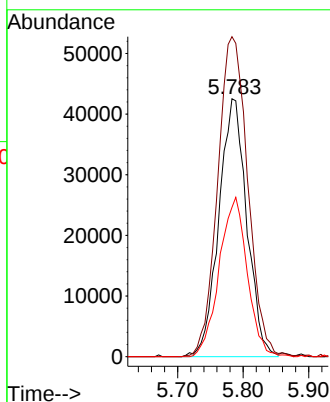
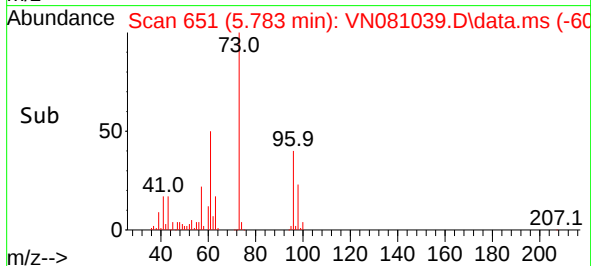
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



Tgt Ion: 96 Resp: 12585
Ion Ratio Lower Upper
96 100
61 124.1 112.8 169.2
98 57.9 51.0 76.4

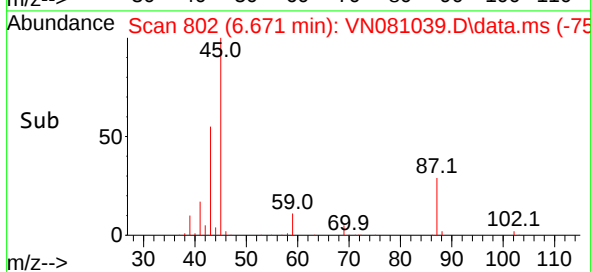
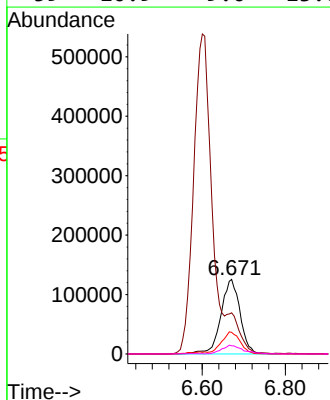
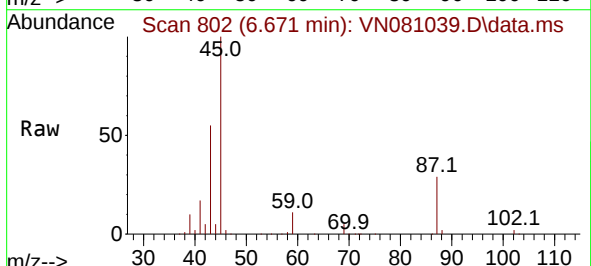
Manual Integrations
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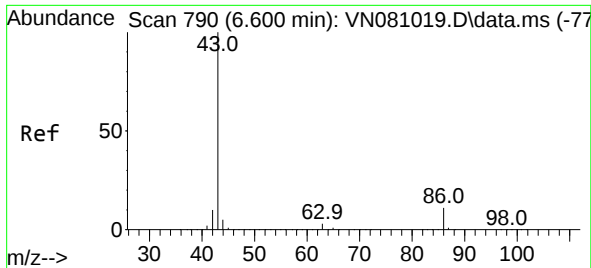
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#22
Diisopropyl ether
Concen: 17.943 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Tgt Ion: 45 Resp: 400416
Ion Ratio Lower Upper
45 100
43 54.2 41.8 62.8
87 28.9 18.1 27.1#
59 10.9 9.0 13.6





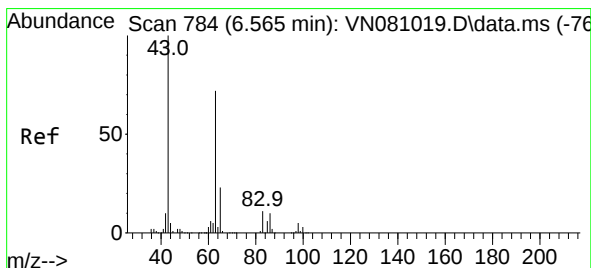
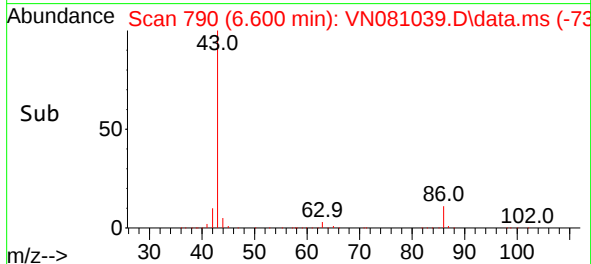
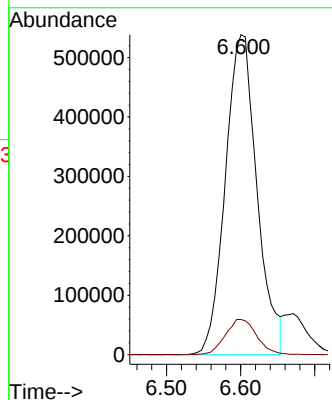
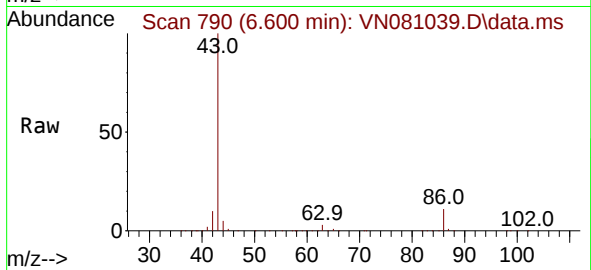
#23
 Vinyl Acetate
 Concen: 88.806 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081039.D
 Acq: 15 Feb 2024 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215MBS01

Tgt Ion: 43 Resp: 1597372
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7

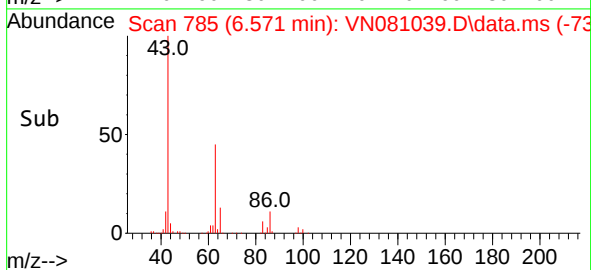
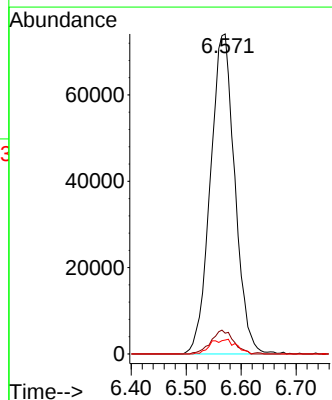
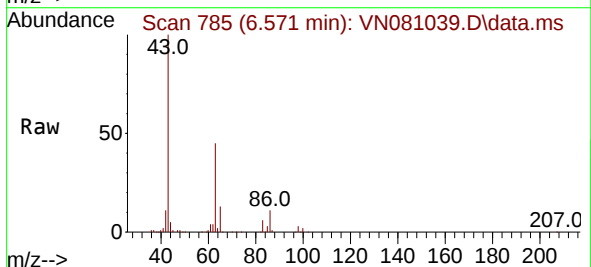
Manual Integrations
 APPROVED

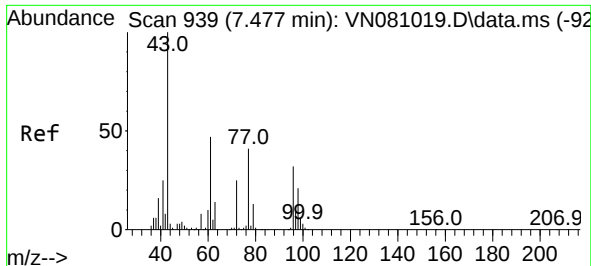
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024



#24
 1,1-Dichloroethane
 Concen: 18.410 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081039.D
 Acq: 15 Feb 2024 14:58

Tgt Ion: 63 Resp: 229113
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 4.4 1.9 5.7





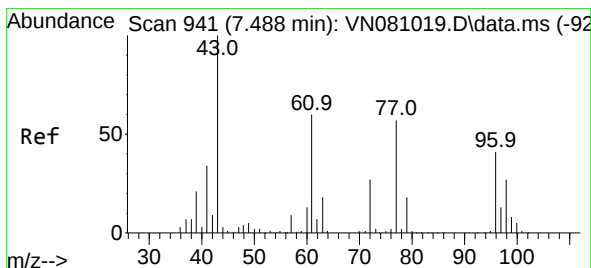
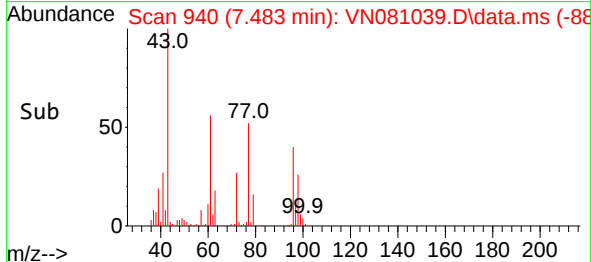
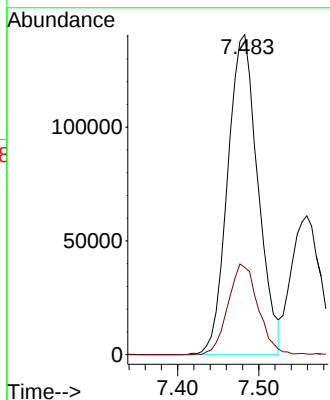
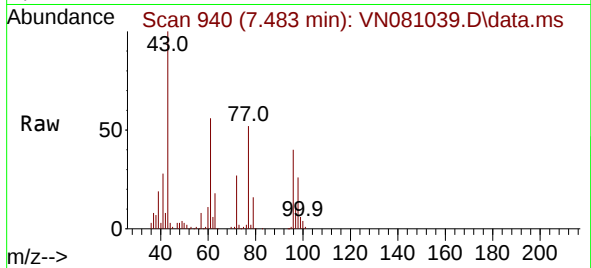
#25
2-Butanone
Concen: 81.166 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Instrument :
MSVOA_N
Client Sample Id :
VN0215MBS01

Tgt Ion: 43 Resp: 364718
Ion Ratio Lower Upper
43 100
72 27.2 19.5 29.3

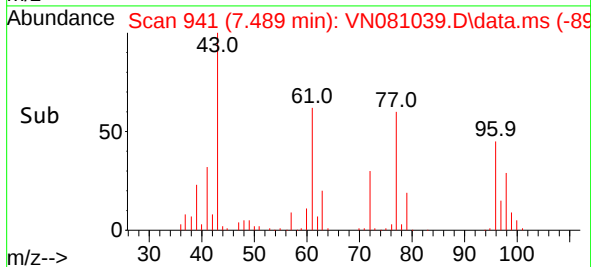
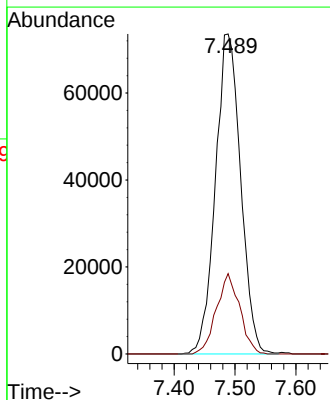
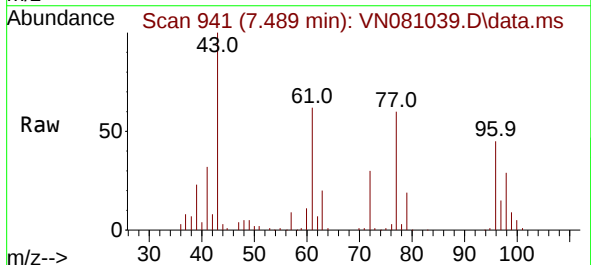
Manual Integrations
APPROVED

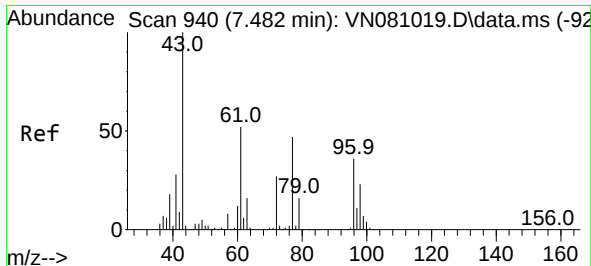
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#26
2,2-Dichloropropane
Concen: 18.470 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

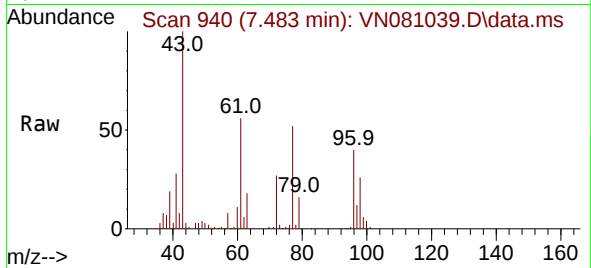
Tgt Ion: 77 Resp: 211543
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 18.025 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

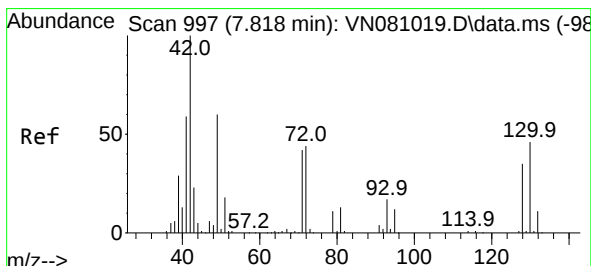
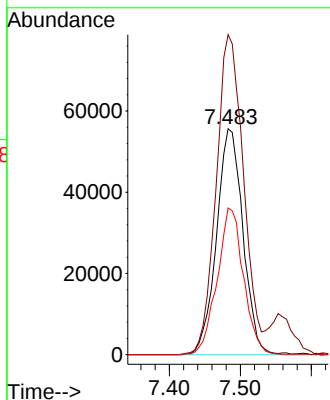
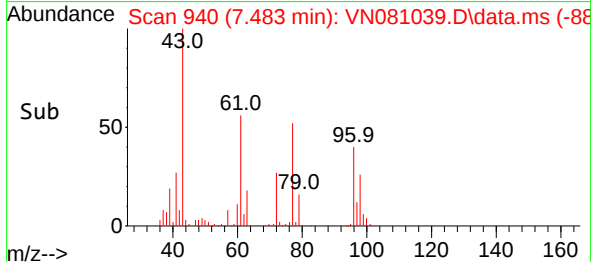
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



Tgt Ion: 96 Resp: 14348
Ion Ratio Lower Upper
96 100
61 147.4 0.0 325.4
98 64.7 0.0 130.4

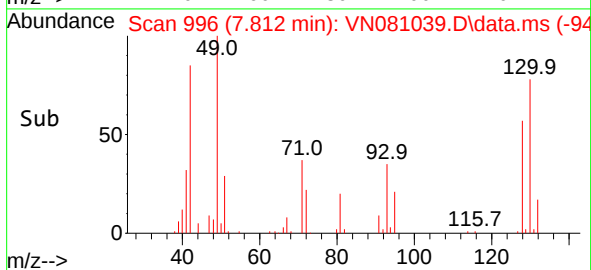
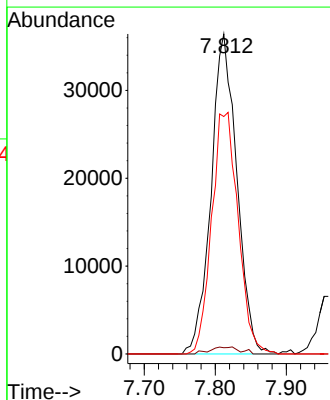
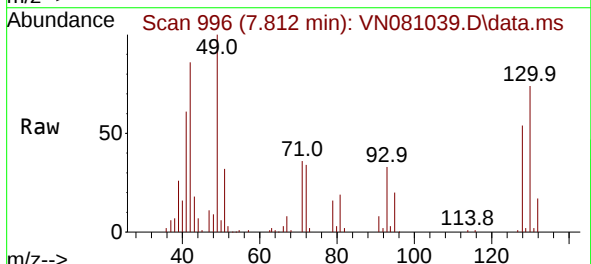
Manual Integrations
APPROVED

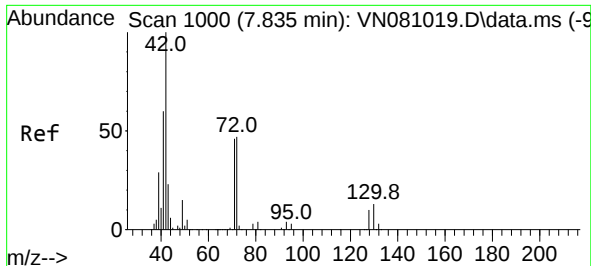
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#28
Bromochloromethane
Concen: 18.251 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Tgt Ion: 49 Resp: 91697
Ion Ratio Lower Upper
49 100
129 2.5 0.0 1.6#
130 77.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 86.429 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0215MBS01

Tgt Ion: 42 Resp: 249594

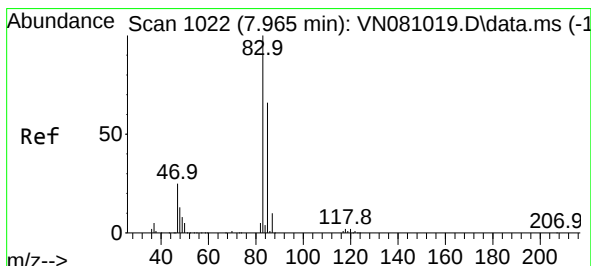
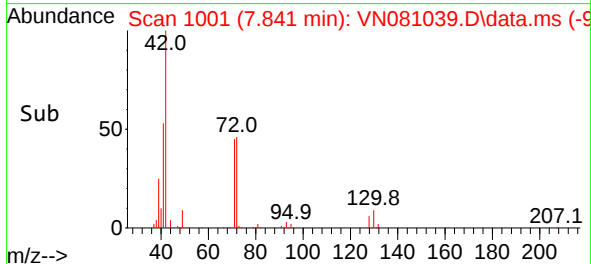
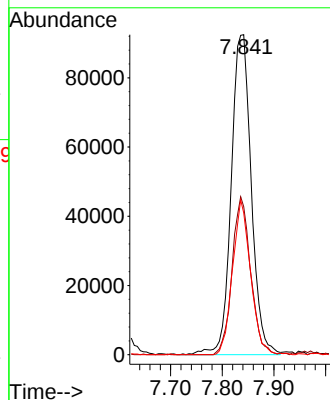
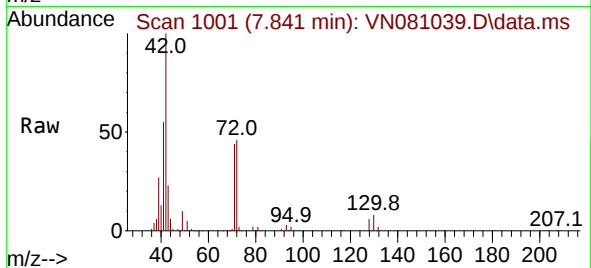
Ion	Ratio	Lower	Upper
42	100		
72	45.6	31.1	46.7
71	43.4	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#30

Chloroform

Concen: 17.812 ug/l

RT: 7.965 min Scan# 1022

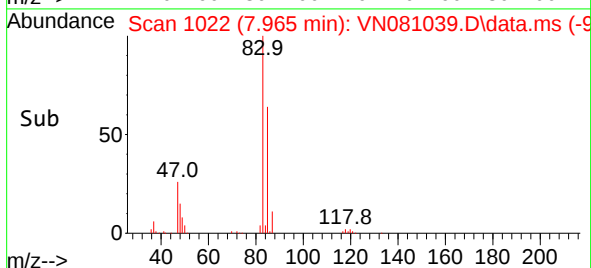
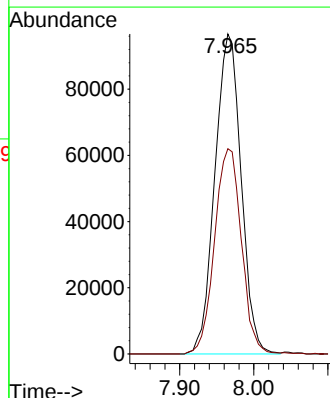
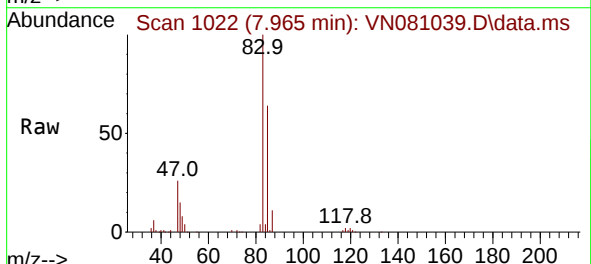
Delta R.T. 0.000 min

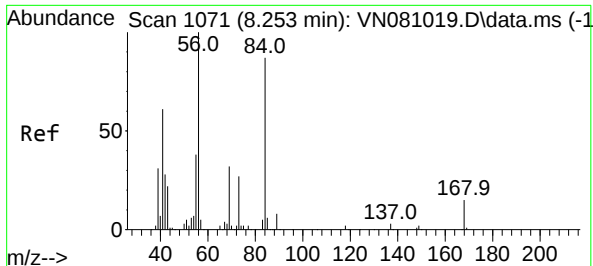
Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Tgt Ion: 83 Resp: 237890

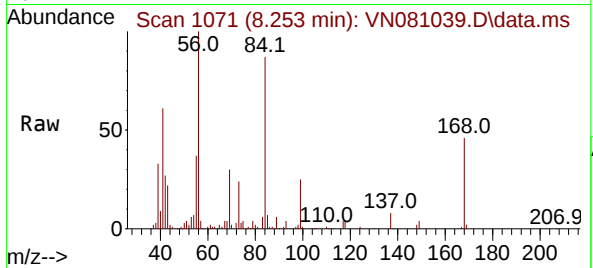
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.0	76.6





#31
Cyclohexane
Concen: 17.242 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

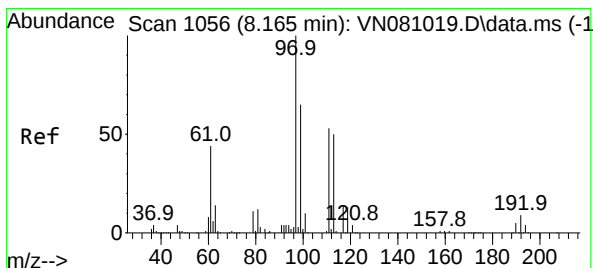
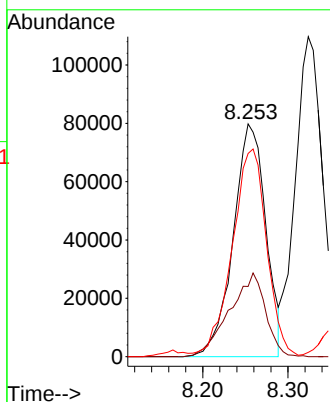
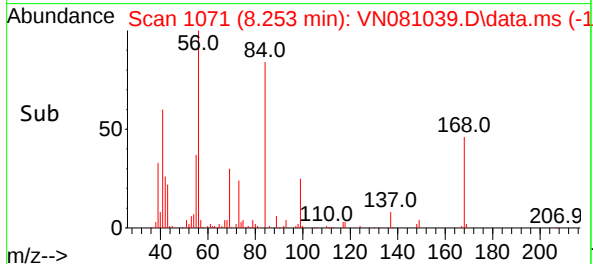
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



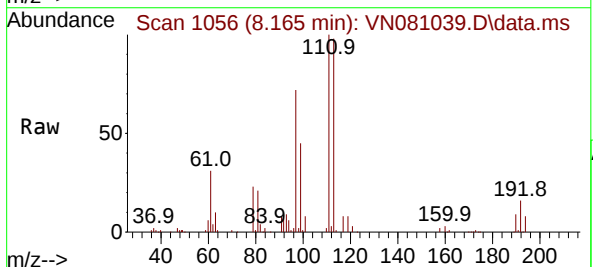
Tgt Ion: 56 Resp: 21178
Ion Ratio Lower Upper
56 100
69 30.2 20.1 30.1
84 85.7 56.9 85.3

Manual Integrations
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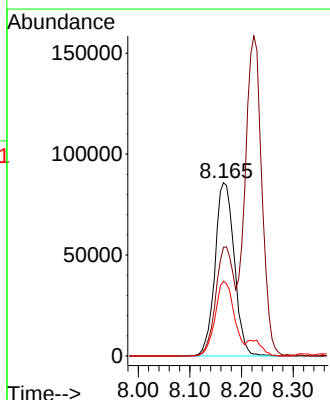
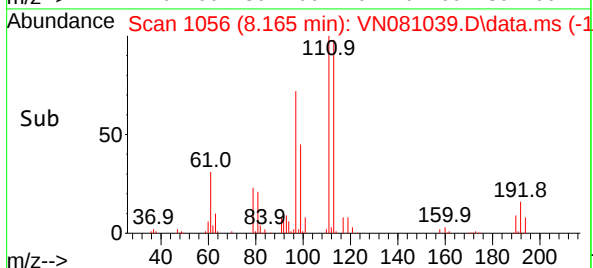
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

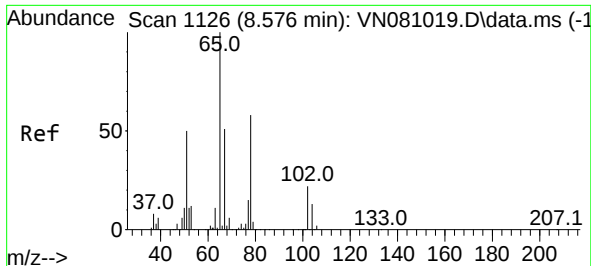


#32
1,1,1-Trichloroethane
Concen: 18.830 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



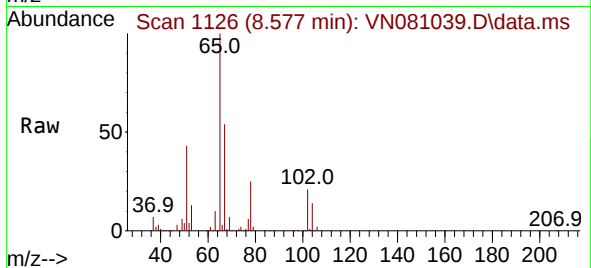
Tgt Ion: 97 Resp: 222066
Ion Ratio Lower Upper
97 100
99 58.5 53.4 80.0
61 43.1 43.8 65.8





#33
1,2-Dichloroethane-d4
Concen: 45.382 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

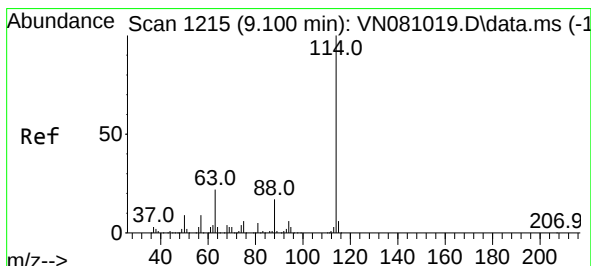
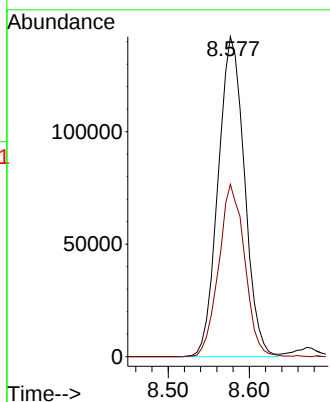
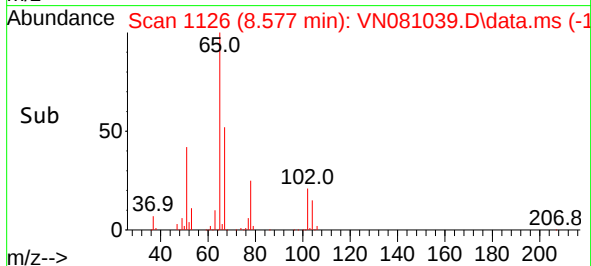
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



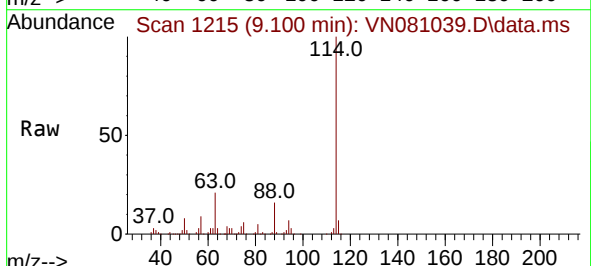
Tgt Ion: 65 Resp: 32087
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.4

Manual Integrations
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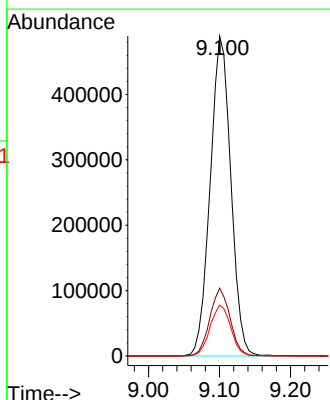
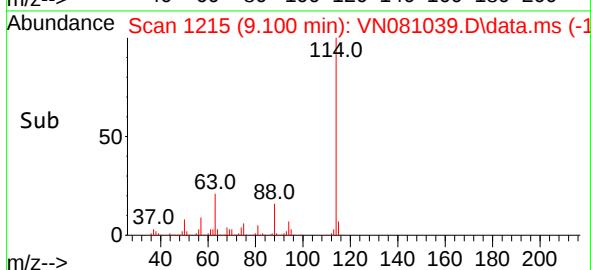
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

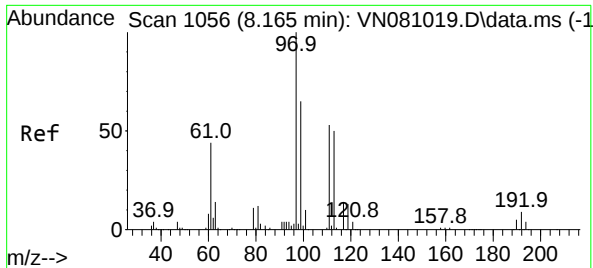


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



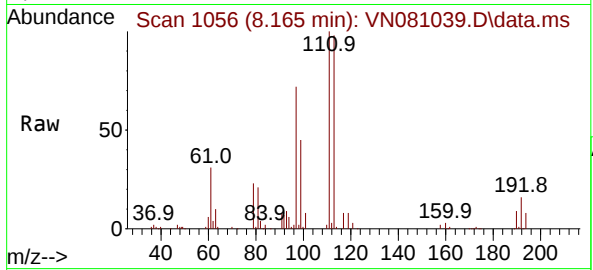
Tgt Ion:114 Resp: 986863
Ion Ratio Lower Upper
114 100
63 21.2 0.0 48.0
88 15.9 0.0 34.8





#35
Dibromofluoromethane
Concen: 48.056 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

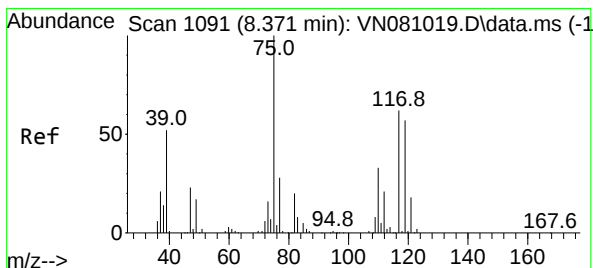
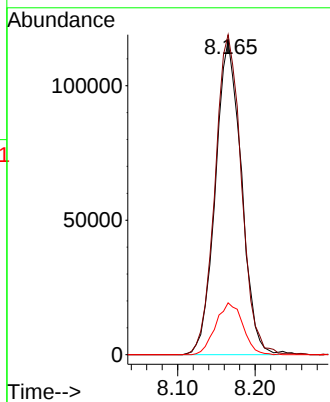
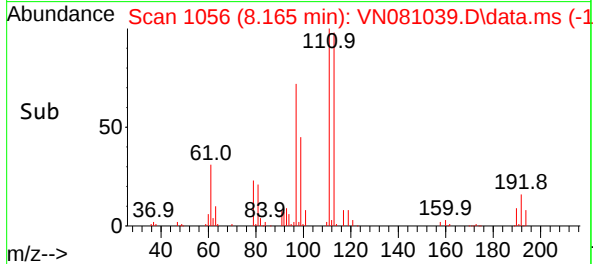
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



Tgt Ion: 113 Resp: 271912
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 17.2 12.5 18.7

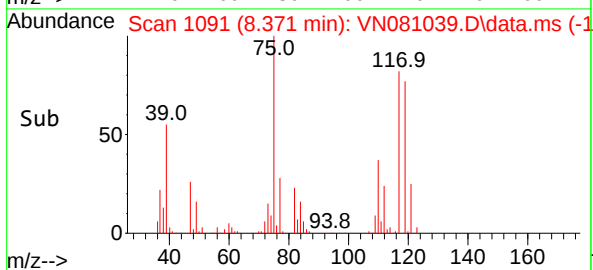
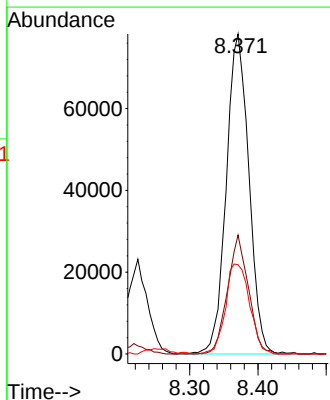
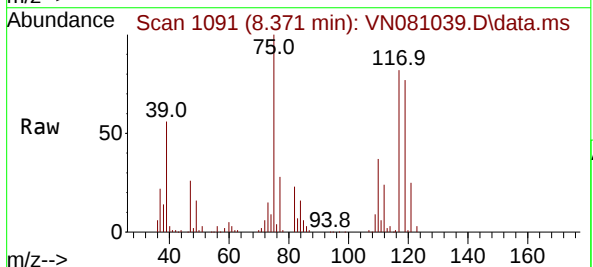
Manual Integrations
APPROVED

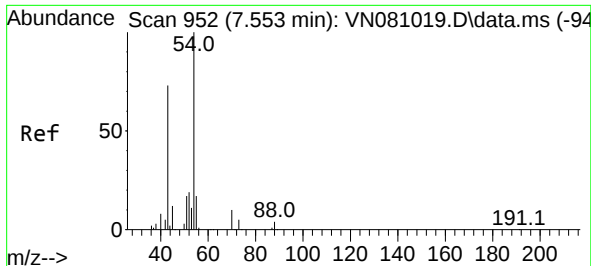
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#36
1,1-Dichloropropene
Concen: 19.113 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Tgt Ion: 75 Resp: 180443
Ion Ratio Lower Upper
75 100
110 34.5 16.0 48.0
77 30.1 25.8 38.6





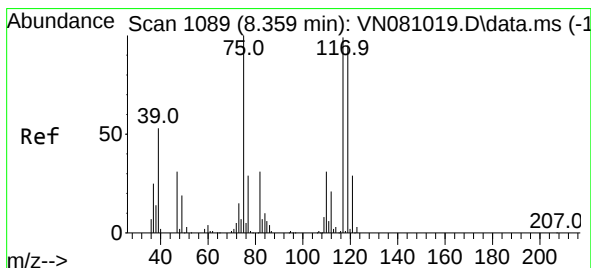
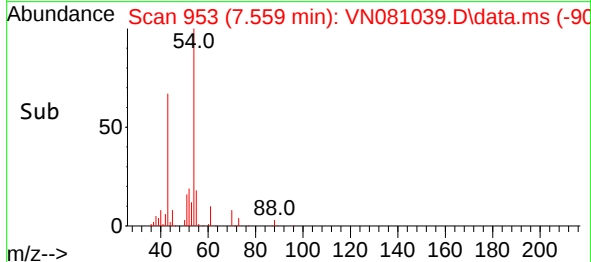
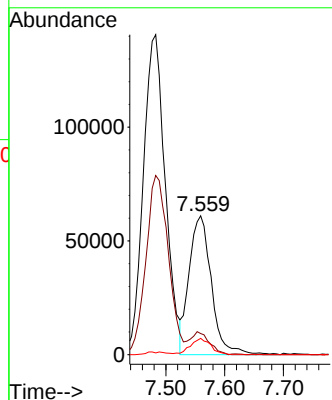
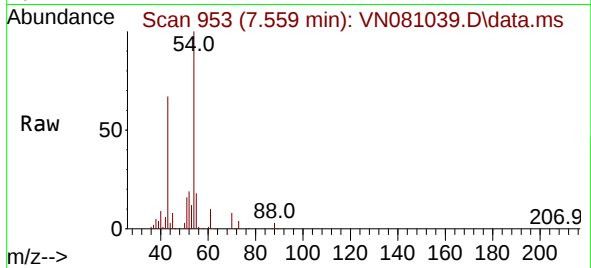
#37
Ethyl Acetate
Concen: 18.620 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01

Tgt Ion: 43 Resp: 16080
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 10.7 8.0 12.0

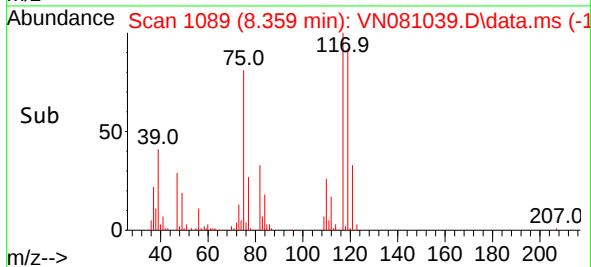
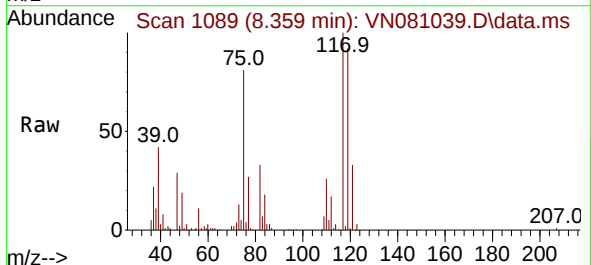
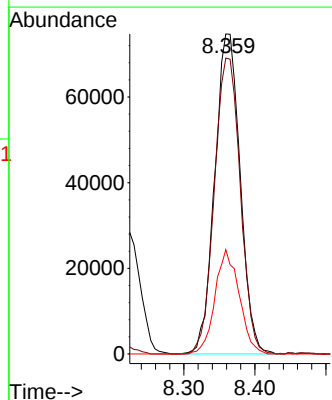
Manual Integrations
APPROVED

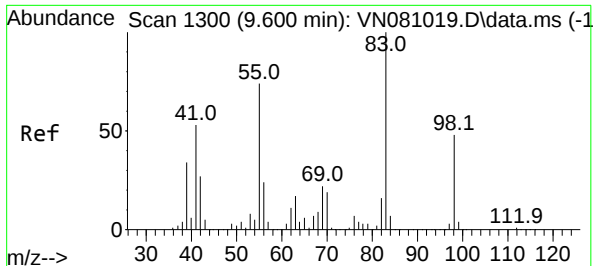
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#38
Carbon Tetrachloride
Concen: 26.859 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Tgt Ion:117 Resp: 185599
Ion Ratio Lower Upper
117 100
119 92.4 73.4 110.2
121 32.6 24.4 36.6





#39

Methylcyclohexane

Concen: 19.398 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0215MBS01

Tgt Ion: 83 Resp: 225299

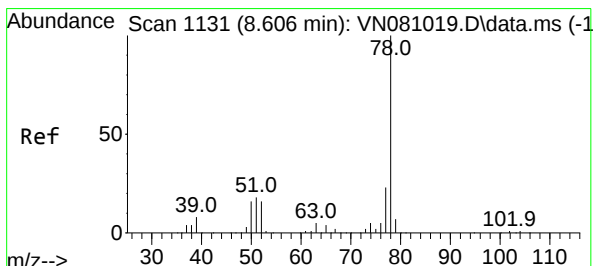
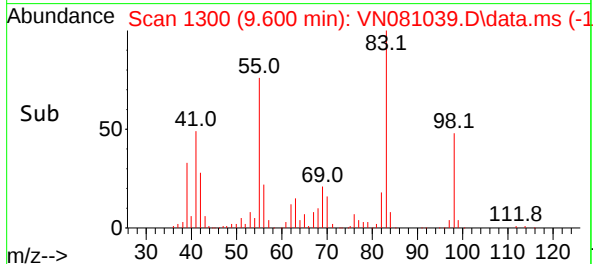
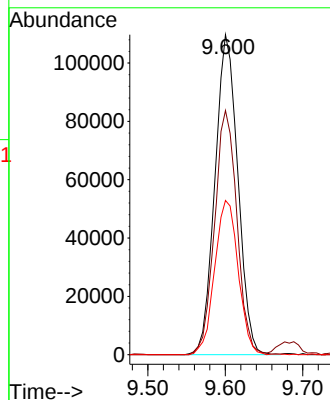
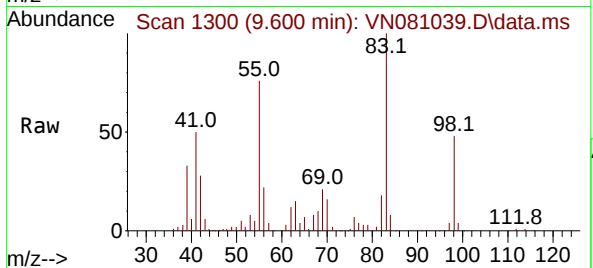
Ion	Ratio	Lower	Upper
83	100		
55	76.3	65.7	98.5
98	48.2	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#40

Benzene

Concen: 19.004 ug/l

RT: 8.606 min Scan# 1131

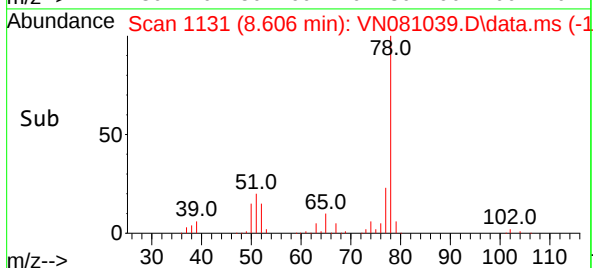
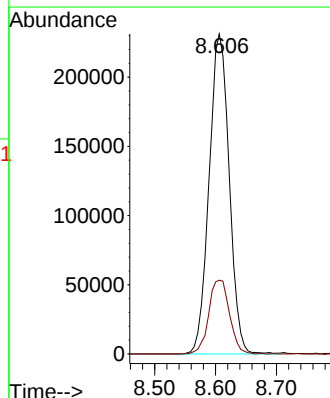
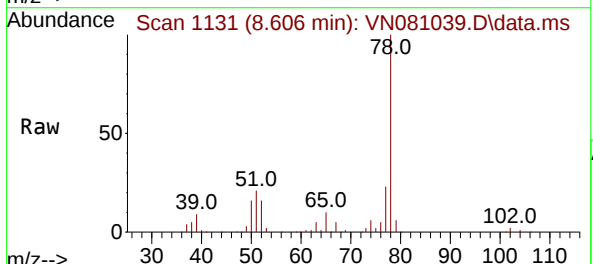
Delta R.T. 0.000 min

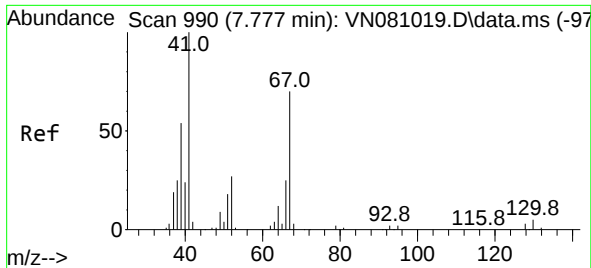
Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Tgt Ion: 78 Resp: 530560

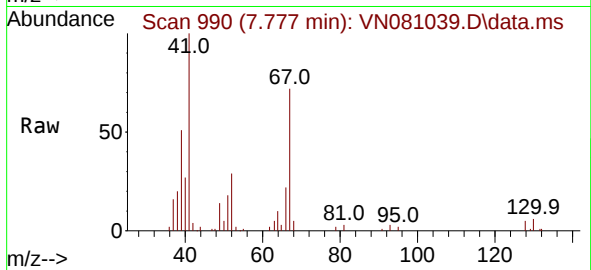
Ion	Ratio	Lower	Upper
78	100		
77	23.0	20.4	30.6





#41
Methacrylonitrile
Concen: 17.905 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

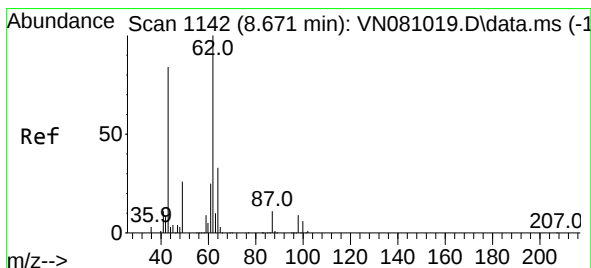
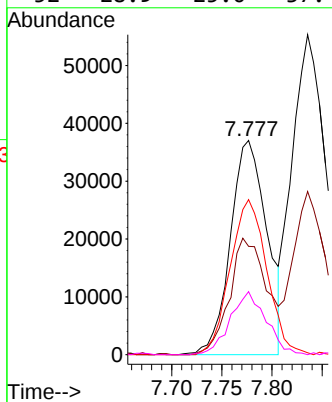
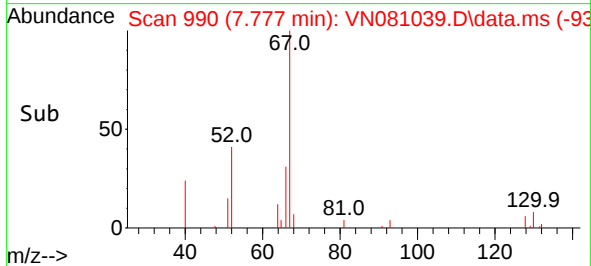
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



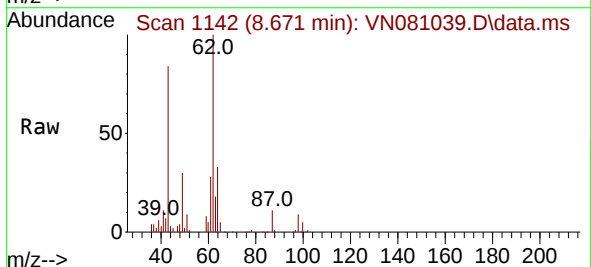
Tgt Ion: 41 Resp: 93864
Ion Ratio Lower Upper
41 100
39 55.3 48.4 72.6
67 72.9 56.8 85.2
52 28.9 25.0 37.4

Manual Integrations
APPROVED

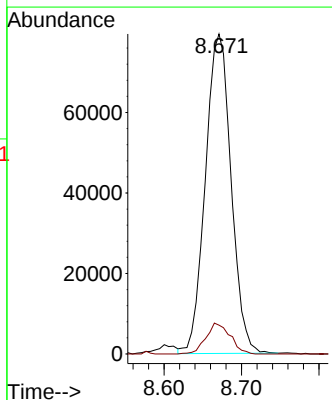
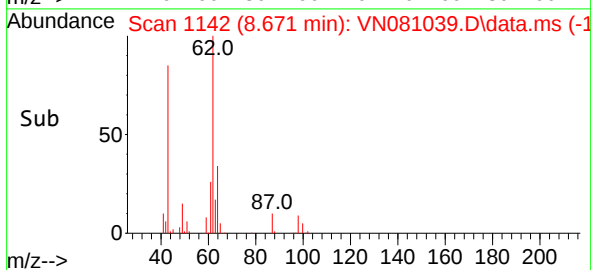
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

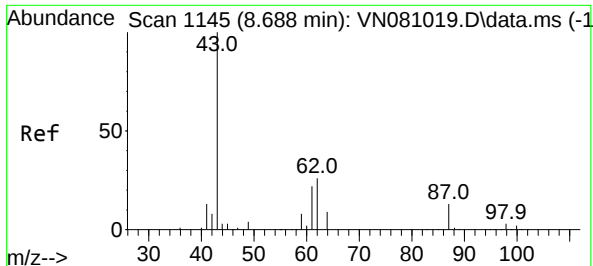


#42
1,2-Dichloroethane
Concen: 18.489 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



Tgt Ion: 62 Resp: 183219
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.0





#43

Isopropyl Acetate

Concen: 17.459 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0215MBS01

Tgt Ion: 43 Resp: 282480

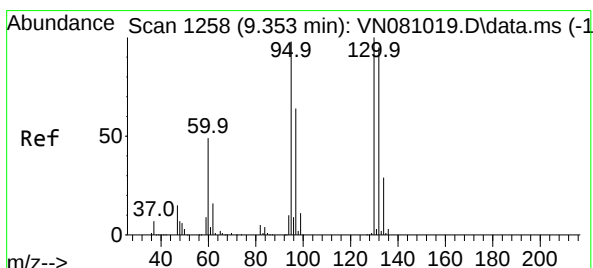
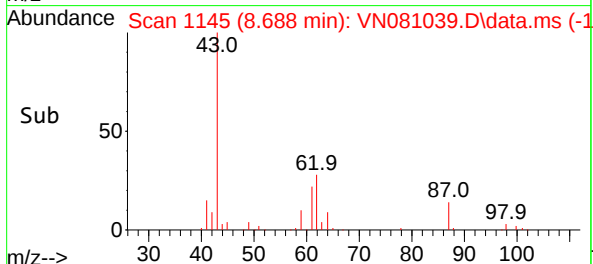
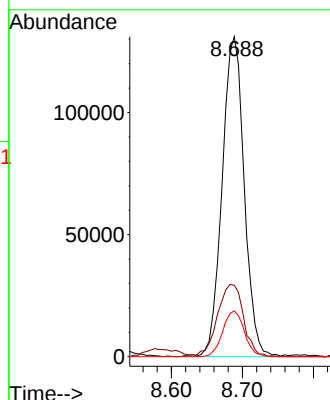
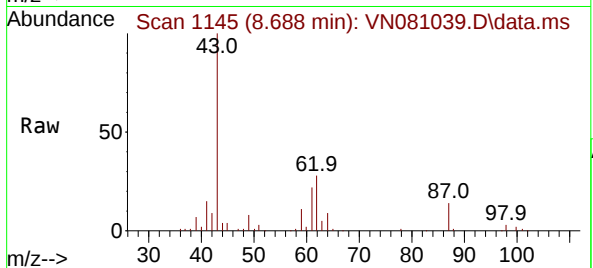
Ion	Ratio	Lower	Upper
43	100		
61	26.7	19.9	29.9
87	14.0	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#44

Trichloroethene

Concen: 16.948 ug/l

RT: 9.353 min Scan# 1258

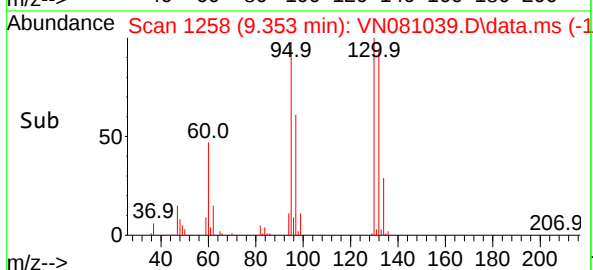
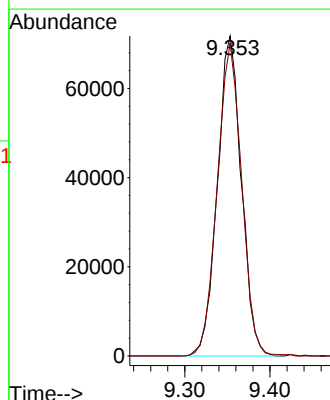
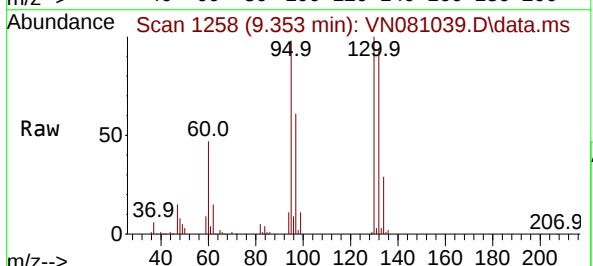
Delta R.T. 0.000 min

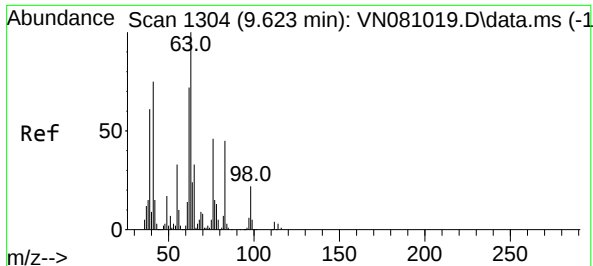
Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Tgt Ion:130 Resp: 140142

Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	210.4





#45

1,2-Dichloropropane

Concen: 19.108 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0215MBS01

Tgt Ion: 63 Resp: 13196

Ion Ratio Lower Upper

63 100

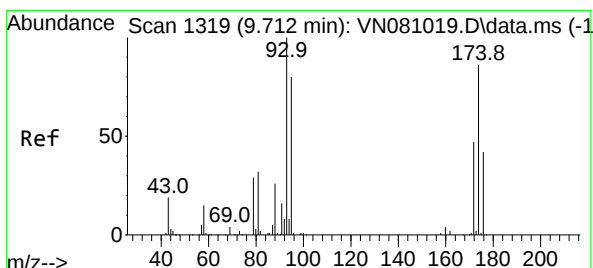
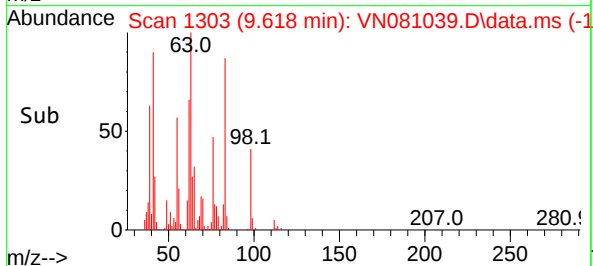
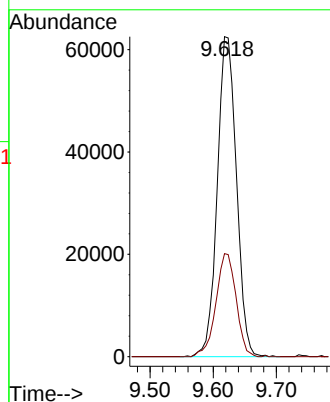
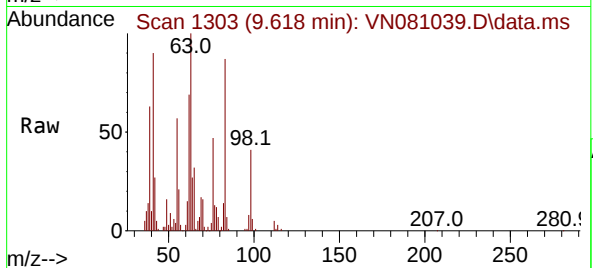
65 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#46

Dibromomethane

Concen: 18.905 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

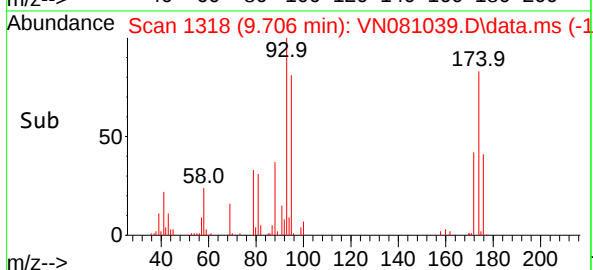
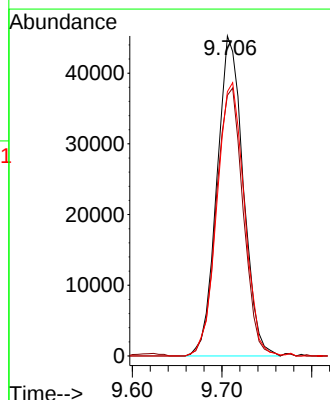
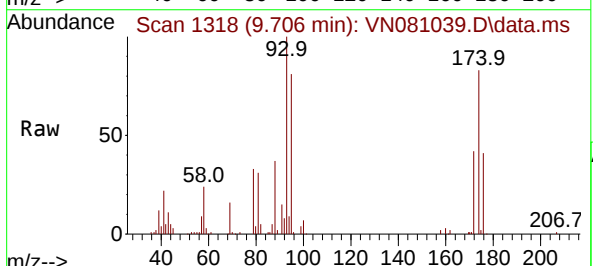
Tgt Ion: 93 Resp: 92157

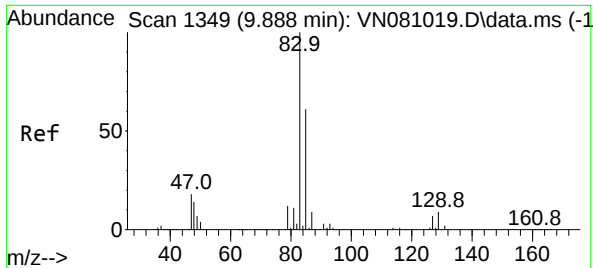
Ion Ratio Lower Upper

93 100

95 85.4 68.1 102.1

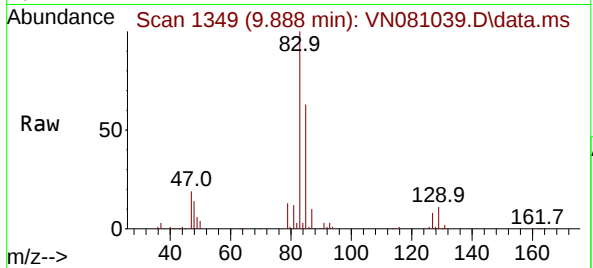
174 88.8 57.2 85.8#





#47
Bromodichloromethane
Concen: 19.730 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

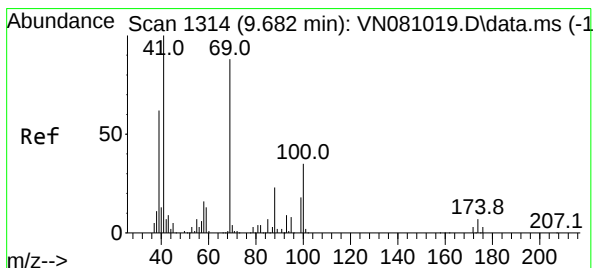
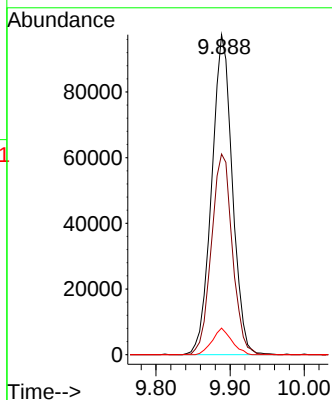
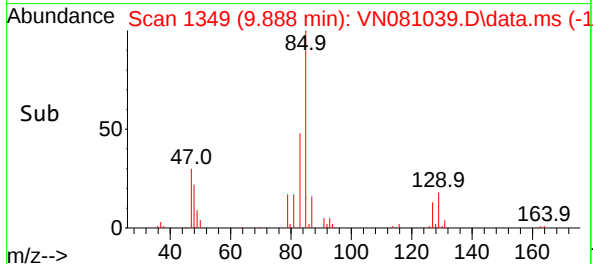
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



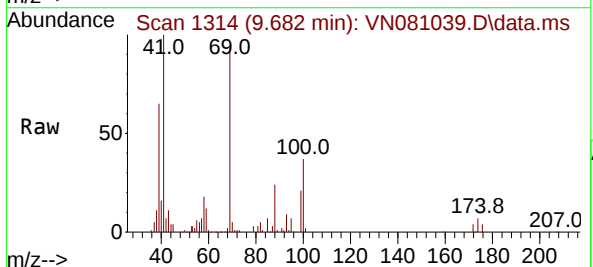
Tgt Ion: 83 Resp: 18849
Ion Ratio Lower Upper
83 100
85 62.7 52.3 78.5
127 8.3 4.6 7.0

Manual Integrations
APPROVED

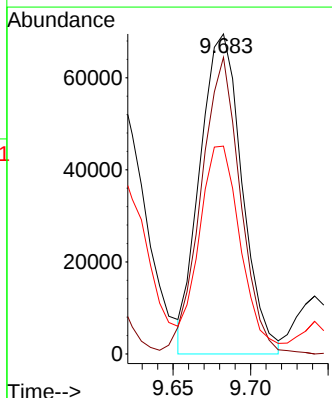
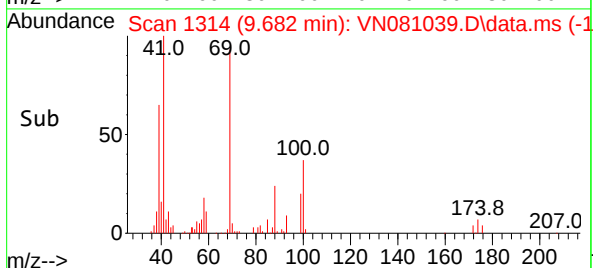
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

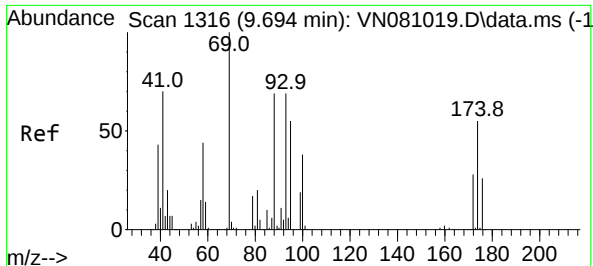


#48
Methyl methacrylate
Concen: 17.255 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



Tgt Ion: 41 Resp: 131446
Ion Ratio Lower Upper
41 100
69 87.3 62.2 93.2
39 64.0 47.6 71.4





#49

1,4-Dioxane

Concen: 352.476 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0215MBS01

Tgt Ion: 88 Resp: 52070

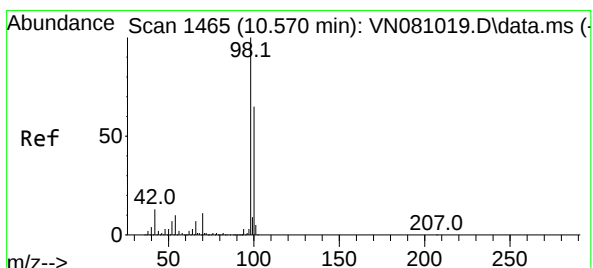
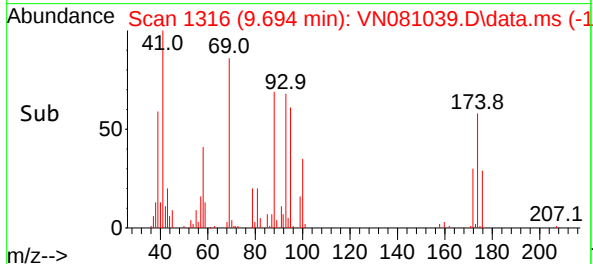
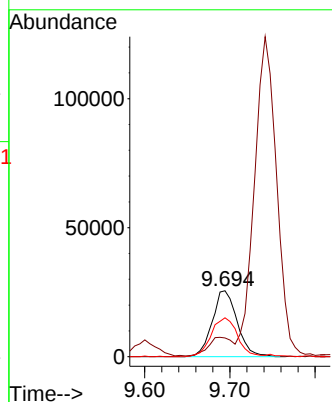
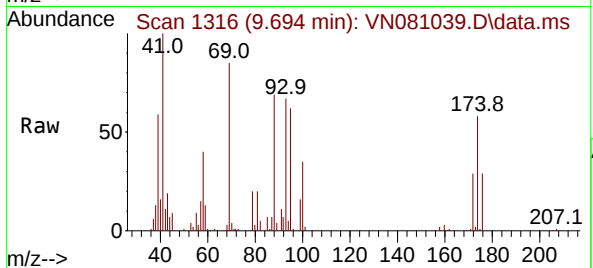
Ion	Ratio	Lower	Upper
88	100		
43	27.5	30.1	45.1
58	62.2	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#50

Toluene-d8

Concen: 48.857 ug/l

RT: 10.565 min Scan# 1464

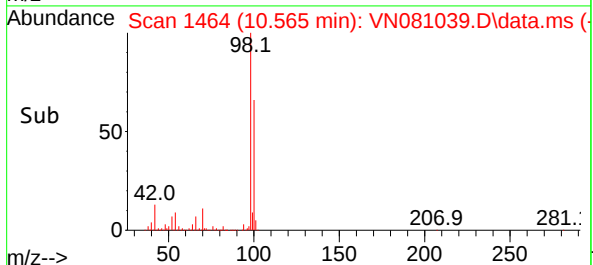
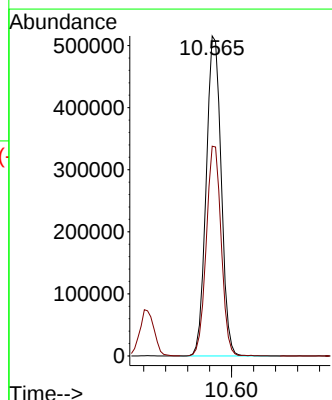
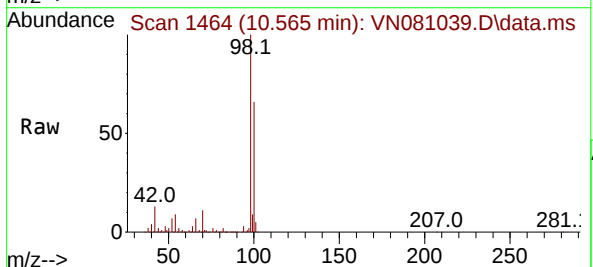
Delta R.T. -0.006 min

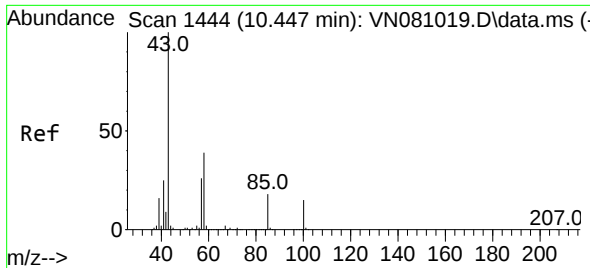
Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Tgt Ion: 98 Resp: 974935

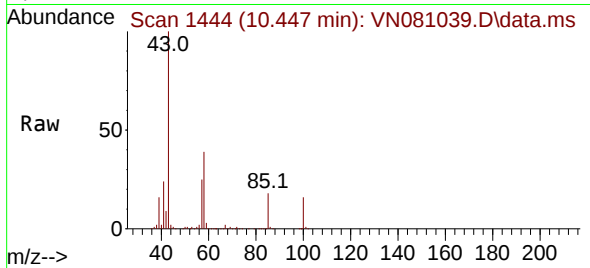
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 92.005 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

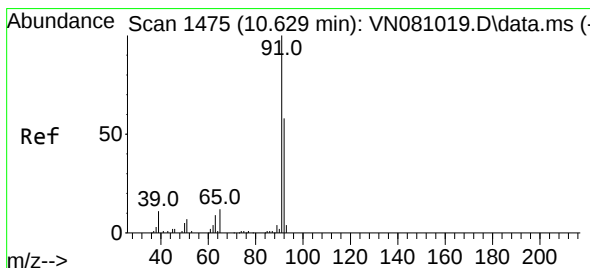
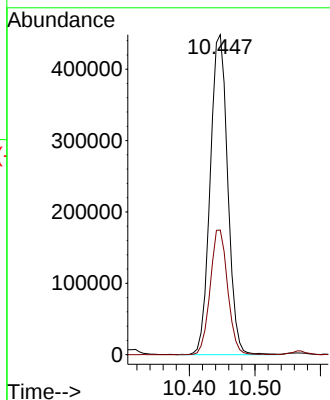
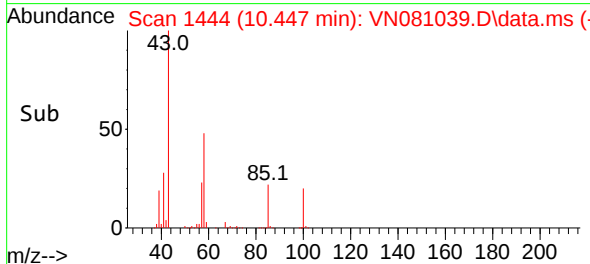
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



Tgt Ion: 43 Resp: 830184
Ion Ratio Lower Upper
43 100
58 38.9 29.4 44.0

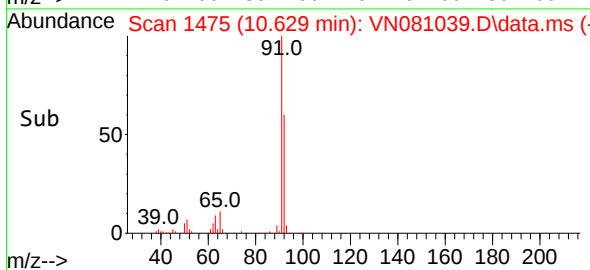
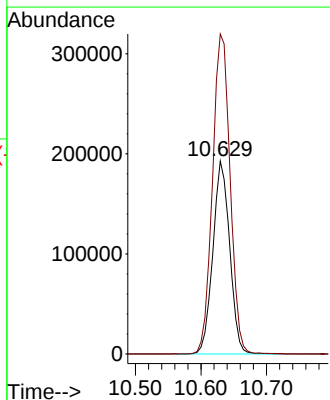
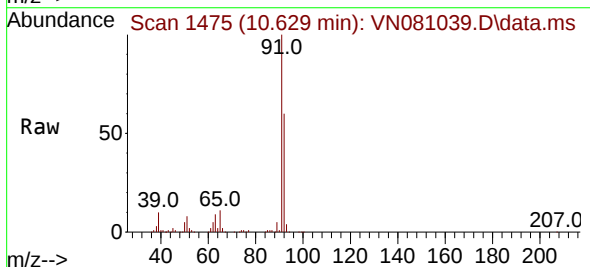
Manual Integrations
APPROVED

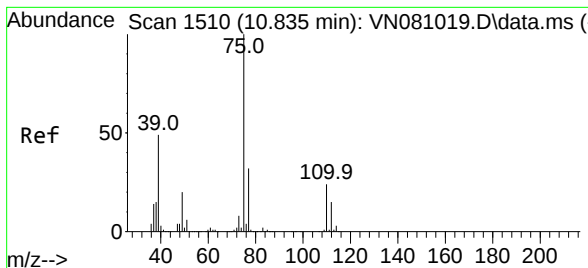
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#52
Toluene
Concen: 19.621 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Tgt Ion: 92 Resp: 342175
Ion Ratio Lower Upper
92 100
91 174.3 139.4 209.0





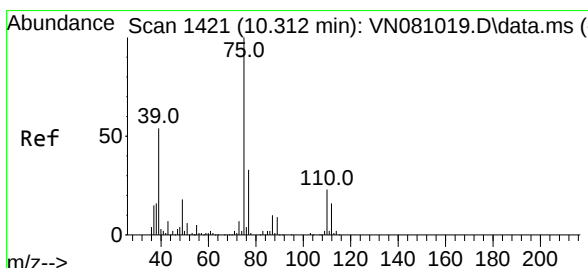
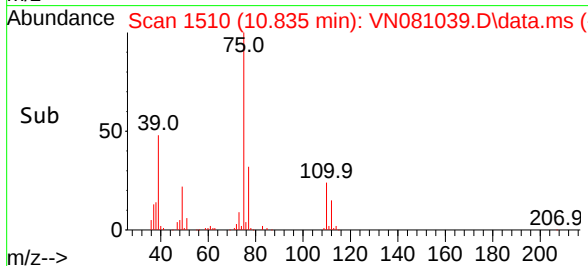
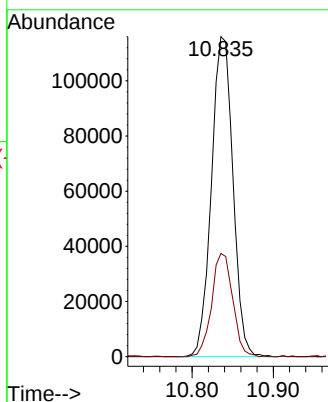
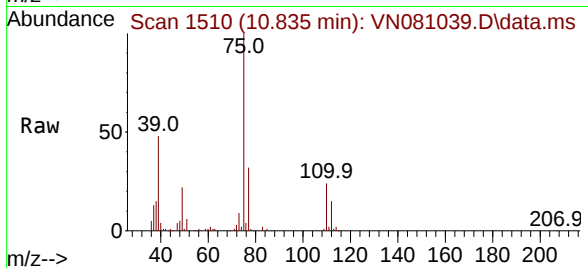
#53
t-1,3-Dichloropropene
Concen: 19.013 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01

Tgt Ion: 75 Resp: 21400
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3

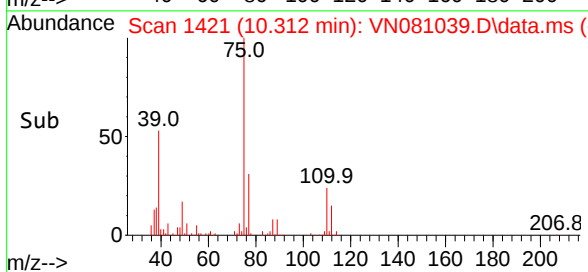
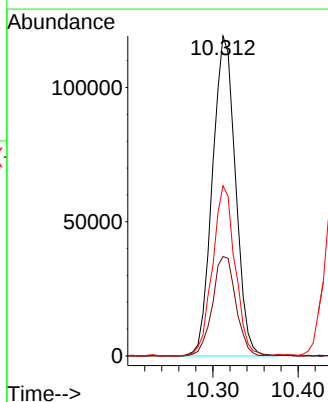
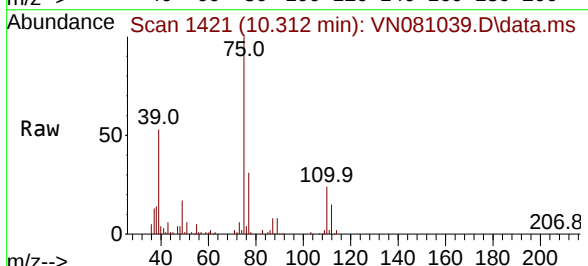
Manual Integrations
APPROVED

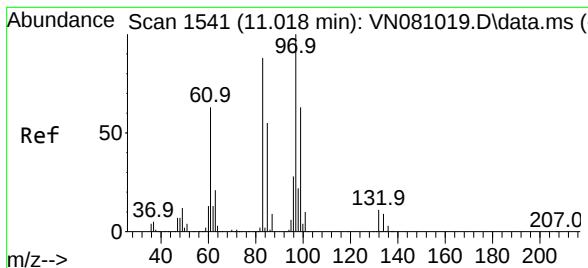
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#54
cis-1,3-Dichloropropene
Concen: 18.797 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

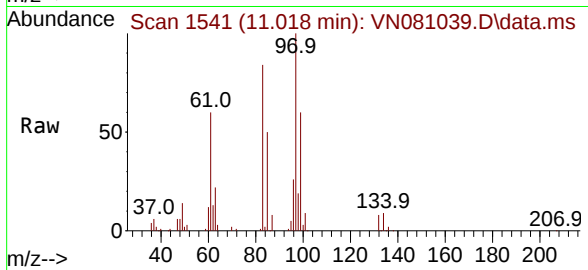
Tgt Ion: 75 Resp: 223753
Ion Ratio Lower Upper
75 100
77 31.0 23.3 34.9
39 53.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.670 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

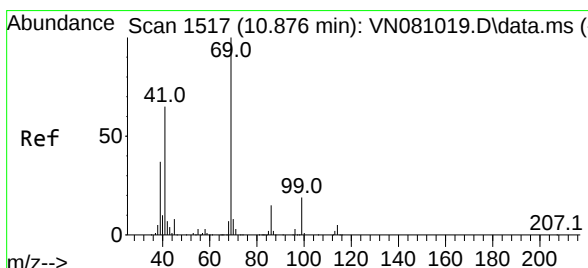
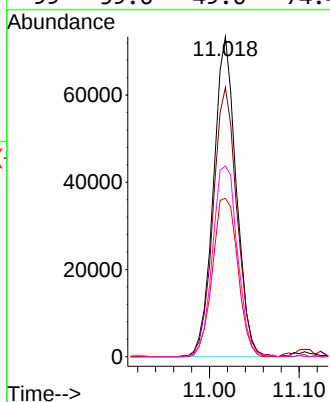
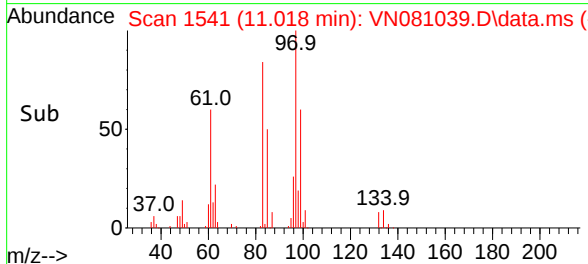
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



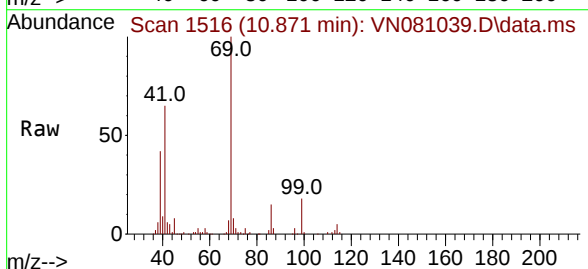
Tgt Ion: 97 Resp: 128992
Ion Ratio Lower Upper
97 100
83 84.1 72.9 109.3
85 49.5 50.2 75.2
99 59.6 49.6 74.4

Manual Integrations
APPROVED

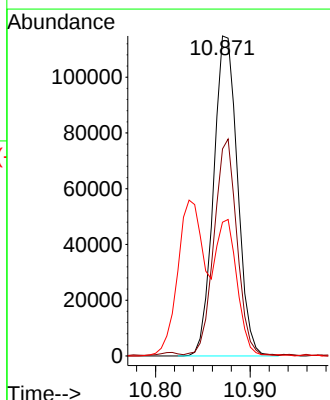
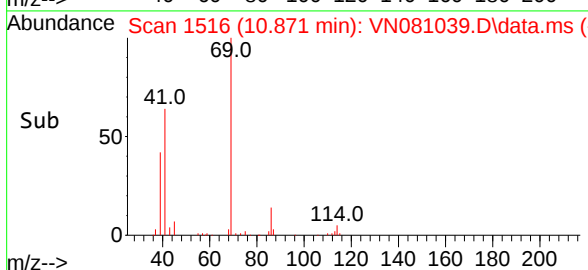
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

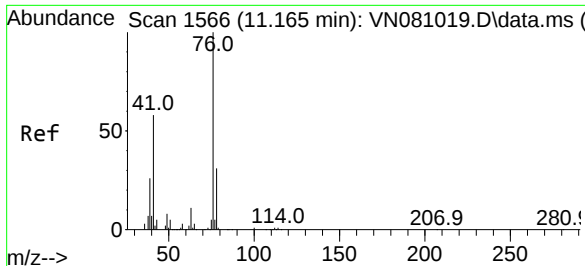


#56
Ethyl methacrylate
Concen: 18.746 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



Tgt Ion: 69 Resp: 201292
Ion Ratio Lower Upper
69 100
41 64.8 61.0 91.6
39 36.3 31.8 47.6





#57

1,3-Dichloropropane

Concen: 19.538 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081039.D

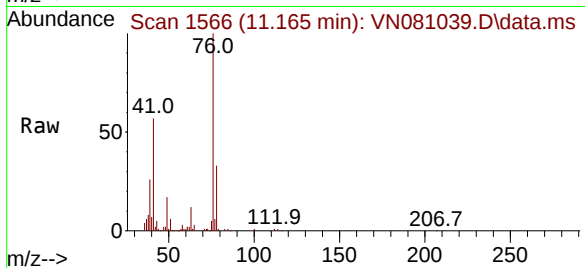
Acq: 15 Feb 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0215MBS01



Tgt Ion: 76 Resp: 228890

Ion Ratio Lower Upper

76 100

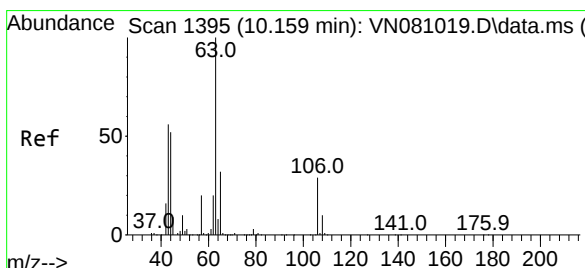
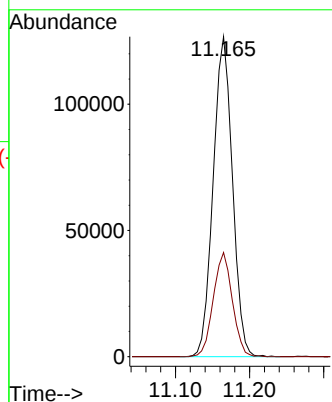
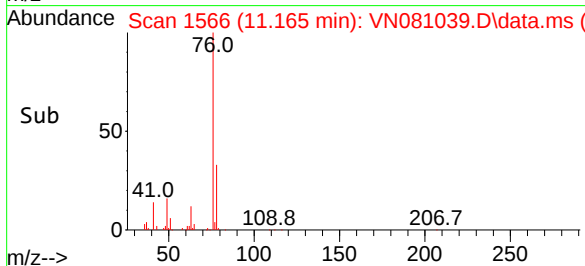
78 32.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 86.309 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081039.D

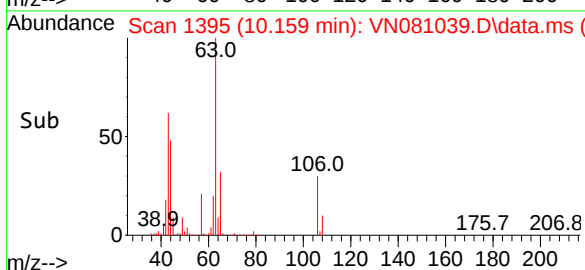
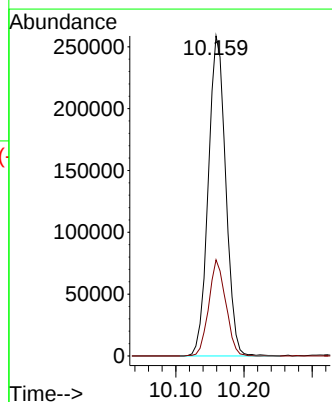
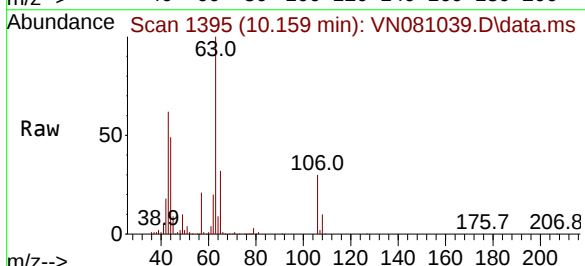
Acq: 15 Feb 2024 14:58

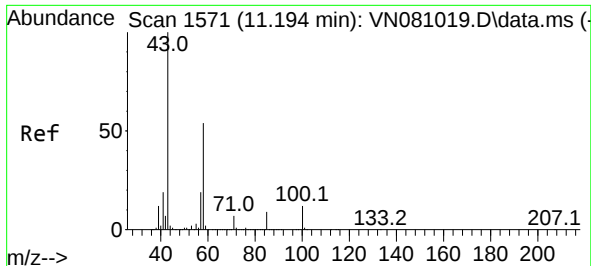
Tgt Ion: 63 Resp: 459859

Ion Ratio Lower Upper

63 100

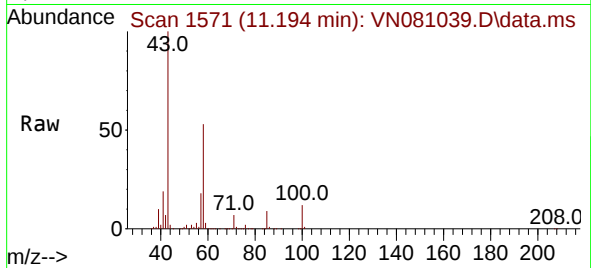
106 29.2 18.6 28.0#





#59
2-Hexanone
Concen: 93.093 ug/l
RT: 11.194 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

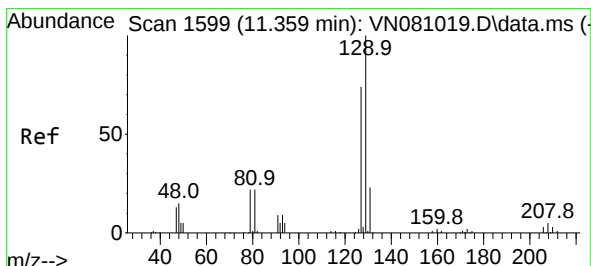
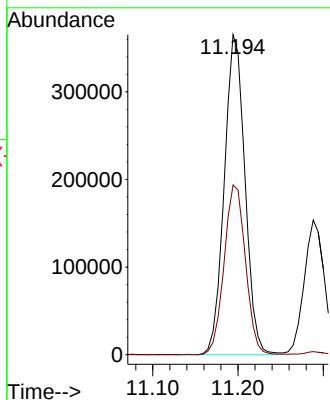
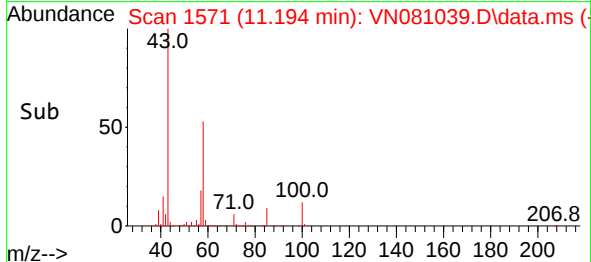
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



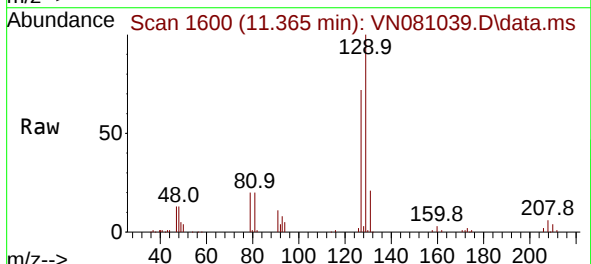
Tgt Ion: 43 Resp: 61690
Ion Ratio Lower Upper
43 100
58 54.8 25.9 77.8

Manual Integrations
APPROVED

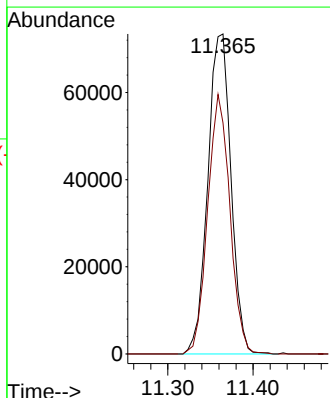
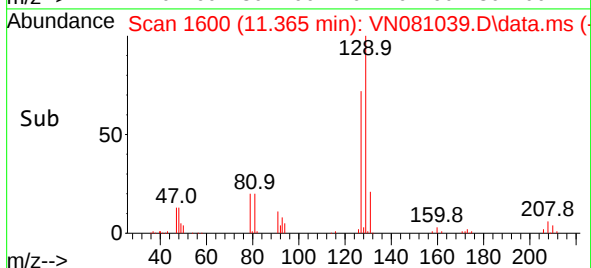
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

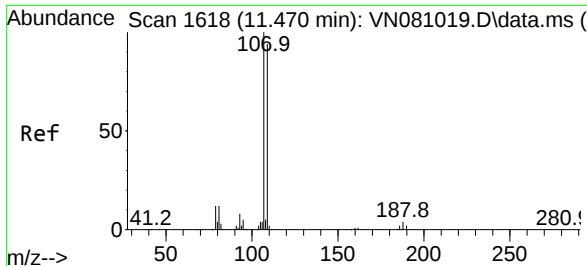


#60
Dibromochloromethane
Concen: 22.259 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



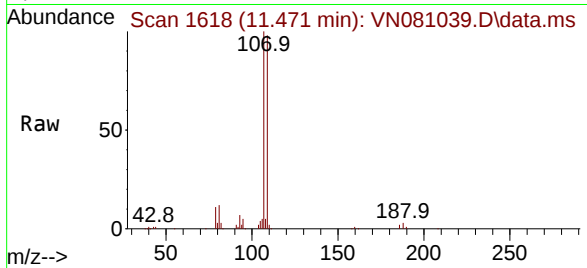
Tgt Ion:129 Resp: 138803
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.267 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

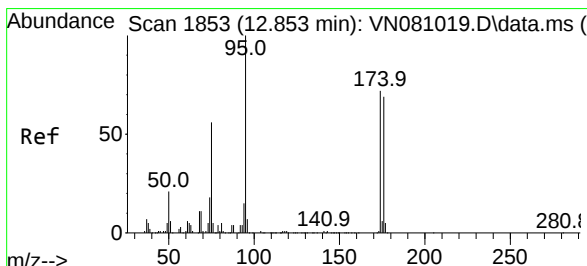
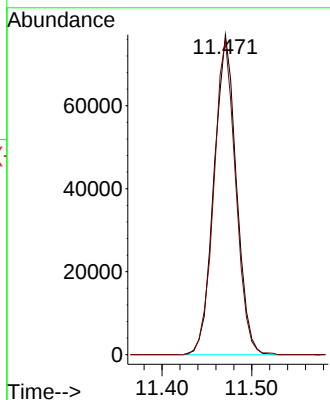
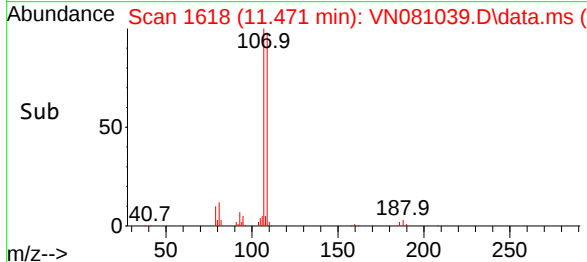
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



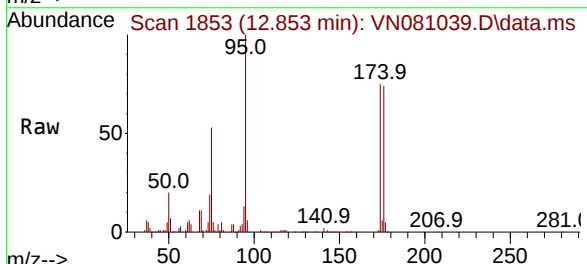
Tgt Ion:107 Resp: 13285
Ion Ratio Lower Upper
107 100
109 96.7 73.4 110.2

Manual Integrations
APPROVED

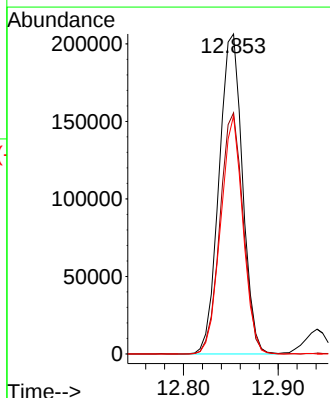
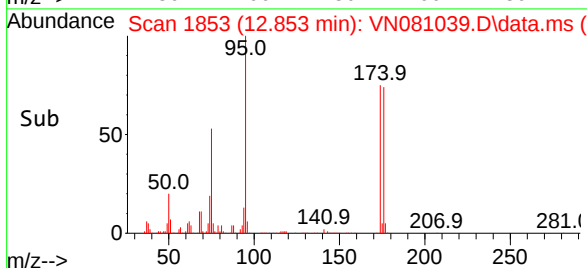
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

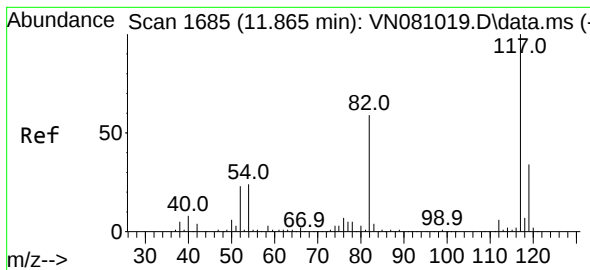


#62
4-Bromofluorobenzene
Concen: 52.416 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



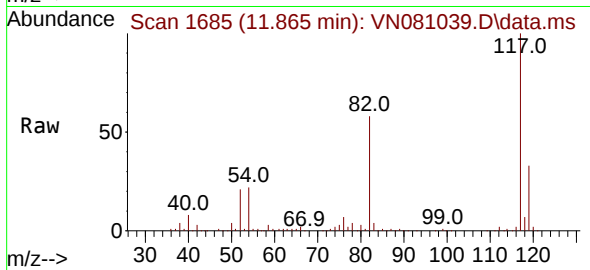
Tgt Ion: 95 Resp: 355738
Ion Ratio Lower Upper
95 100
174 74.8 0.0 120.4
176 70.6 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

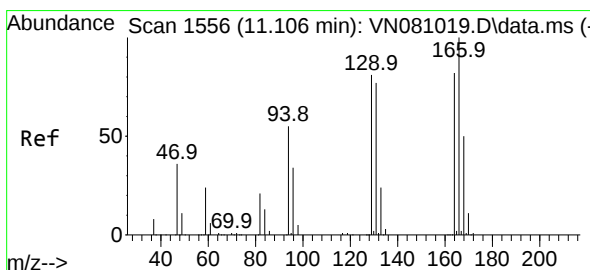
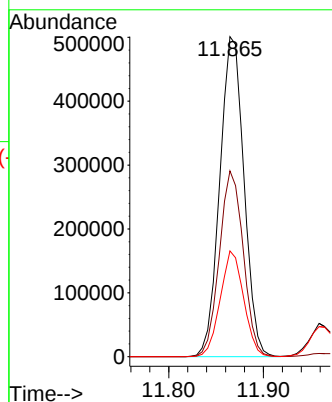
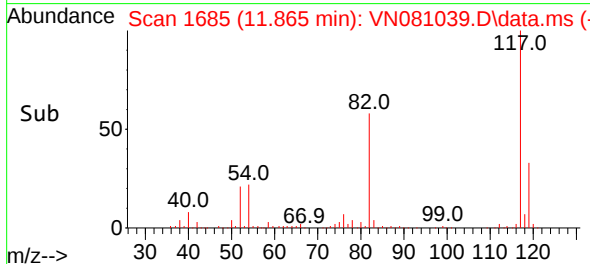
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



Tgt Ion:117 Resp: 890609
Ion Ratio Lower Upper
117 100
82 58.0 52.7 79.1
119 33.0 25.3 37.9

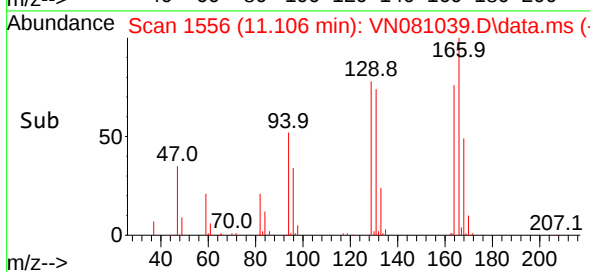
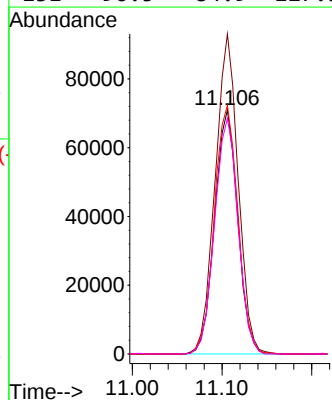
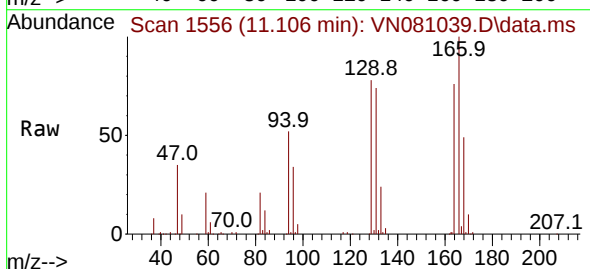
Manual Integrations
APPROVED

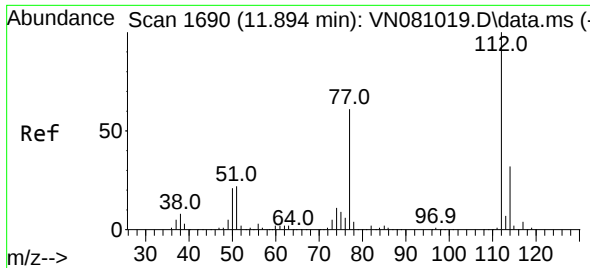
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#64
Tetrachloroethene
Concen: 13.963 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

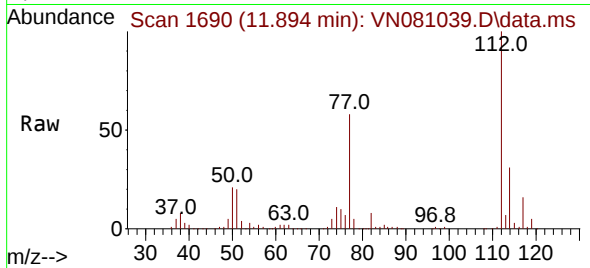
Tgt Ion:164 Resp: 126774
Ion Ratio Lower Upper
164 100
166 131.1 105.8 158.6
129 101.8 89.6 134.4
131 96.5 84.9 127.3





#65
Chlorobenzene
Concen: 19.776 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

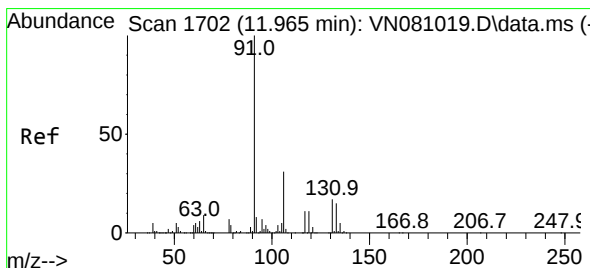
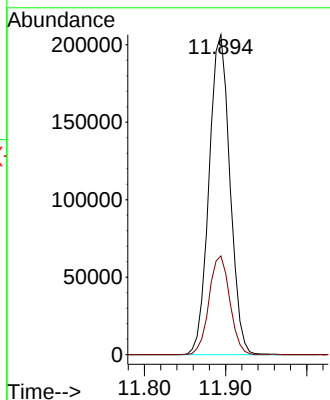
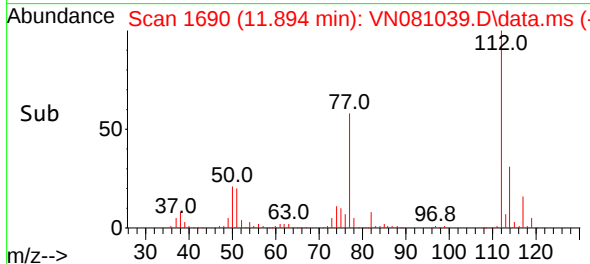
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



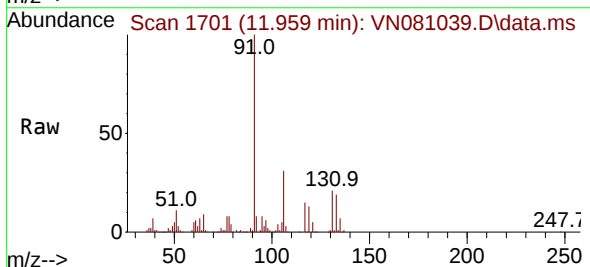
Tgt Ion:112 Resp: 36932
Ion Ratio Lower Upper
112 100
114 30.9 23.7 35.5

Manual Integrations
APPROVED

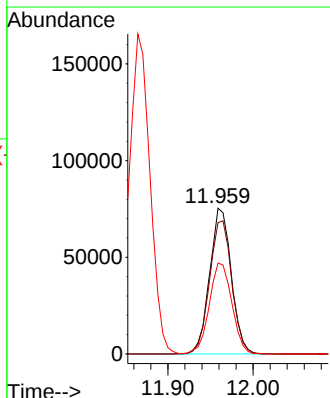
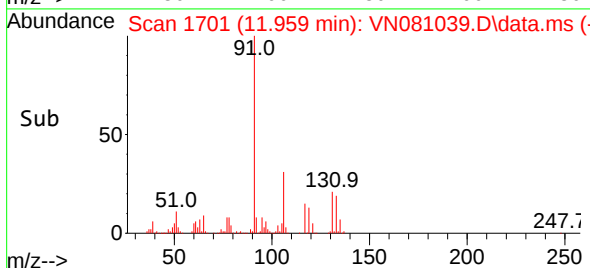
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

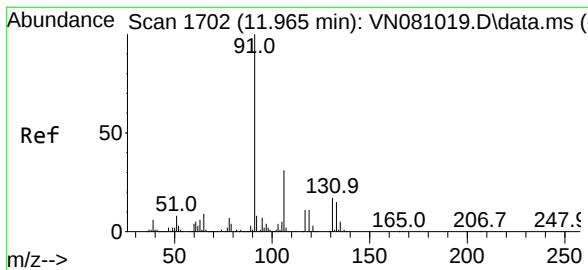


#66
1,1,1,2-Tetrachloroethane
Concen: 20.634 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



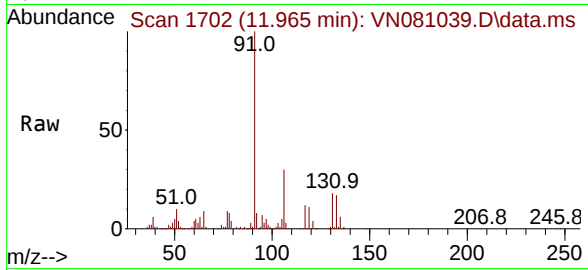
Tgt Ion:131 Resp: 132669
Ion Ratio Lower Upper
131 100
133 94.5 46.8 140.3
119 65.2 34.6 103.9





#67
Ethyl Benzene
Concen: 19.207 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

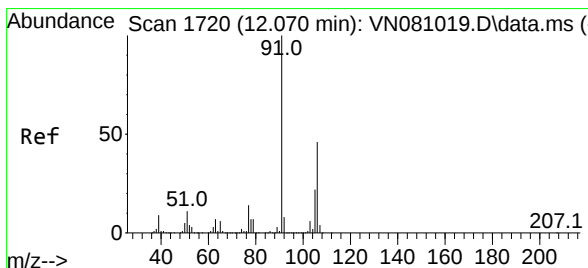
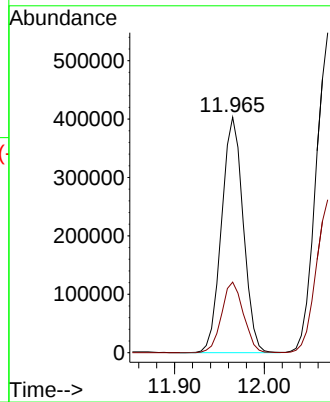
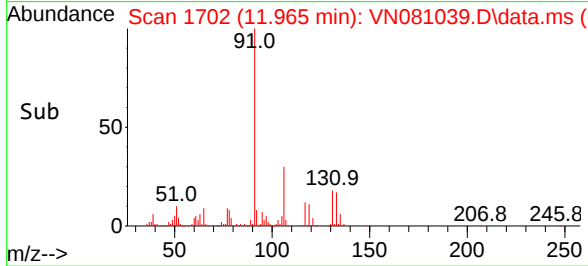
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



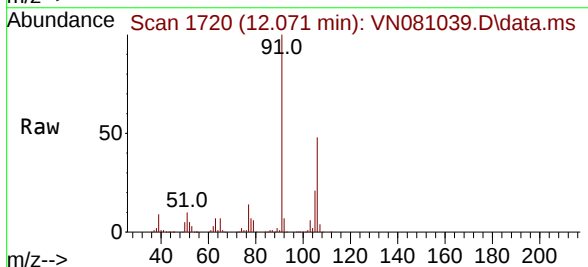
Tgt Ion: 91 Resp: 67625
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6

Manual Integrations
APPROVED

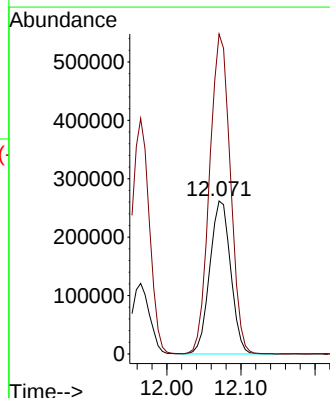
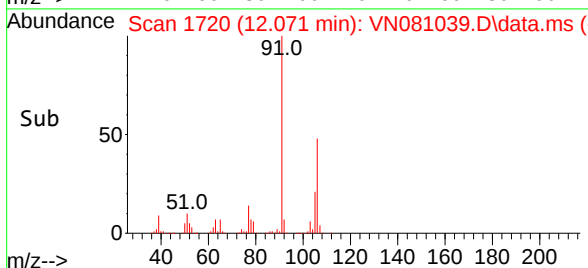
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

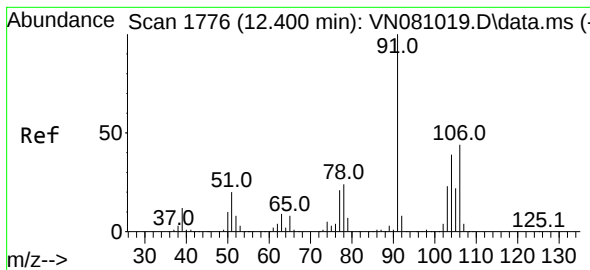


#68
m/p-Xylenes
Concen: 39.533 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



Tgt Ion:106 Resp: 513278
Ion Ratio Lower Upper
106 100
91 208.6 169.0 253.6





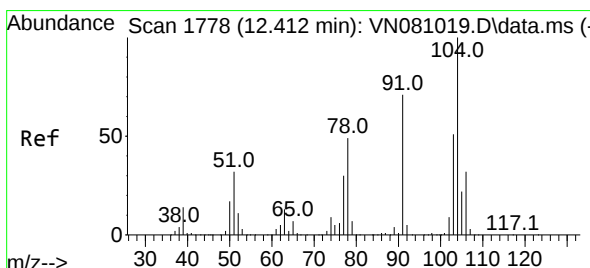
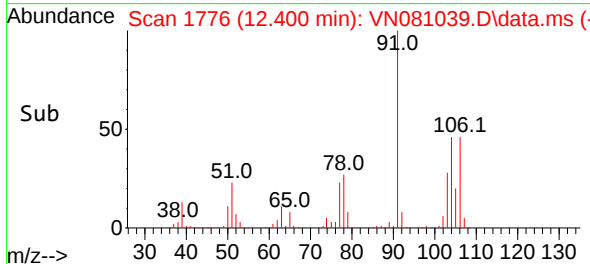
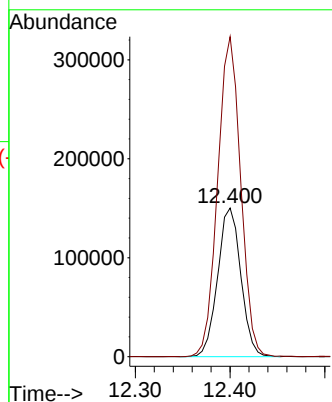
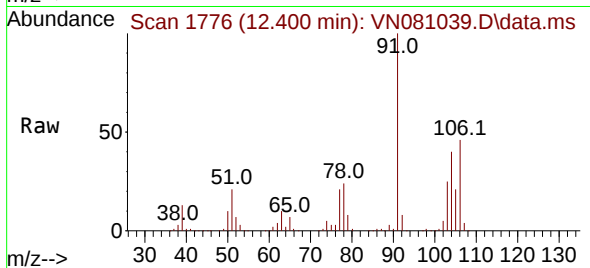
#69
o-Xylene
Concen: 20.298 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01

Tgt Ion:106 Resp: 25559
Ion Ratio Lower Upper
106 100
91 213.8 112.1 336.3

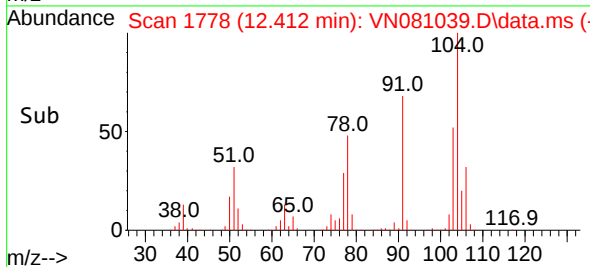
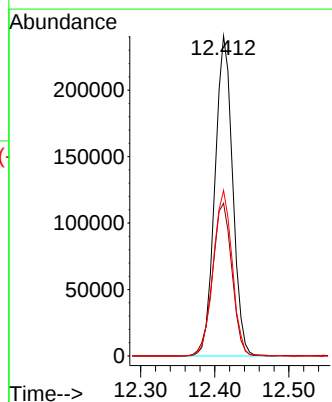
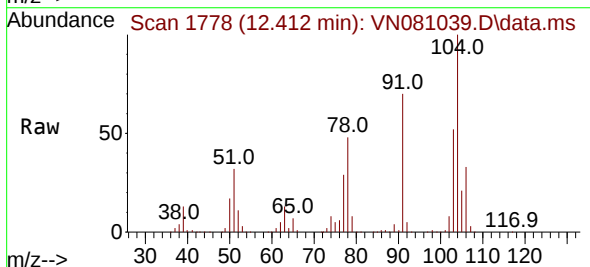
Manual Integrations
APPROVED

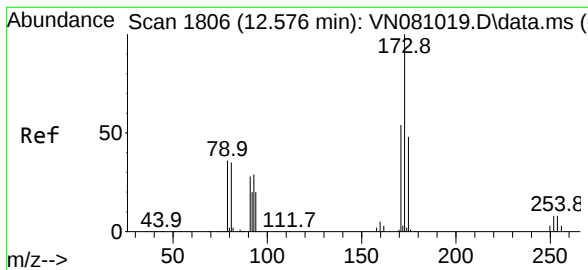
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#70
Styrene
Concen: 19.936 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

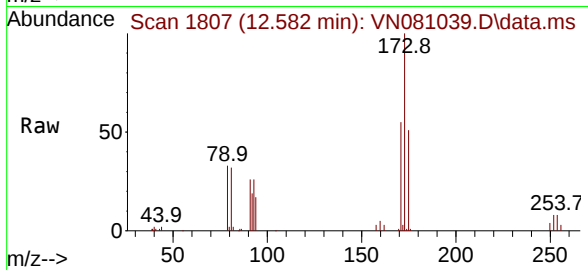
Tgt Ion:104 Resp: 400101
Ion Ratio Lower Upper
104 100
78 52.4 43.8 65.8
103 55.1 44.2 66.2





#71
Bromoform
Concen: 24.862 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

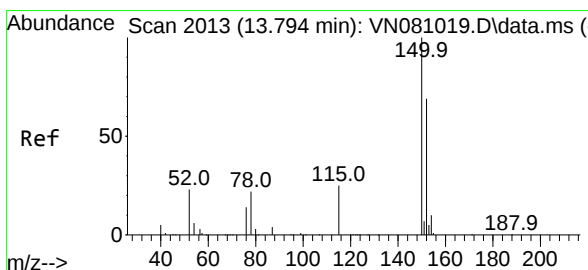
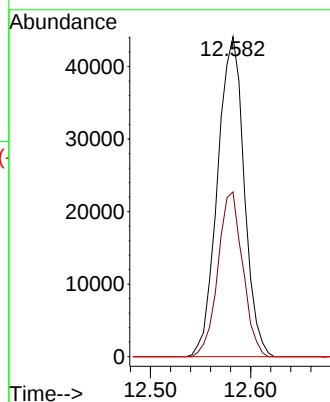
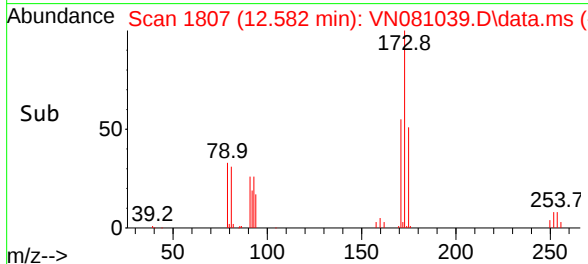
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



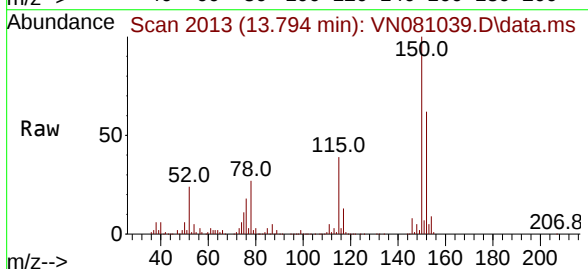
Tgt Ion:173 Resp: 81320
Ion Ratio Lower Upper
173 100
175 47.9 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

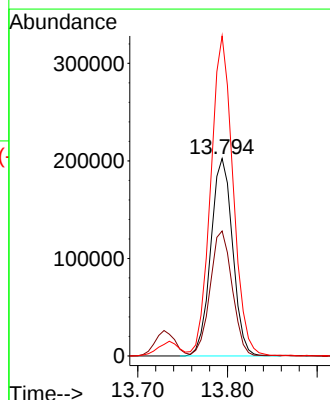
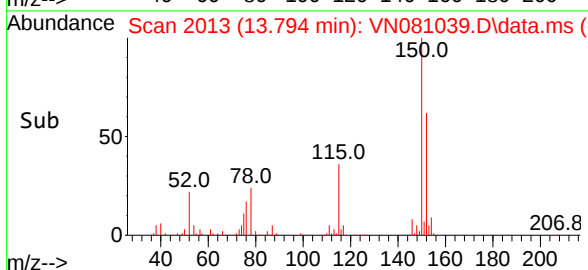
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

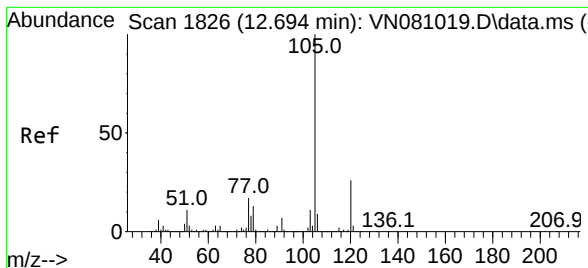


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



Tgt Ion:152 Resp: 342035
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 165.9 0.0 339.8





#73

Isopropylbenzene

Concen: 19.241 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0215MBS01

Tgt Ion:105 Resp: 66492

Ion Ratio Lower Upper

105 100

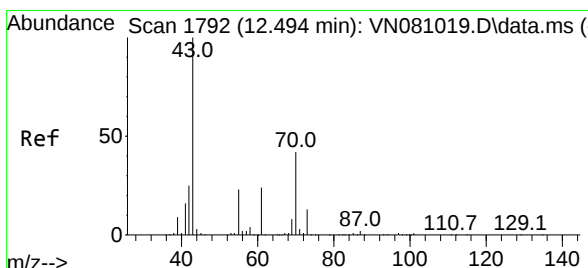
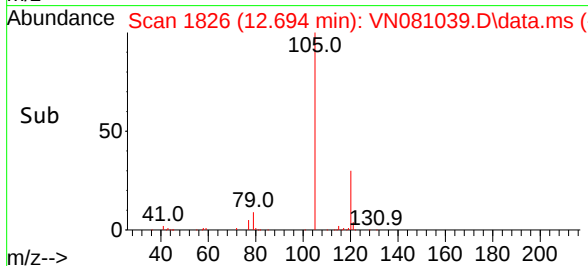
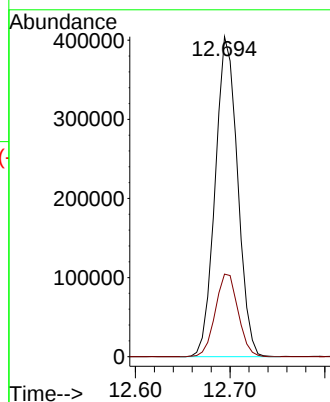
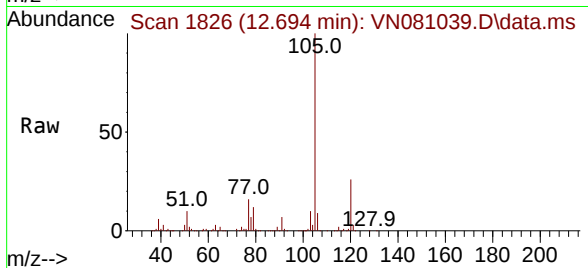
120 26.3 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#74

N-ethyl acetate

Concen: 17.479 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Tgt Ion: 43 Resp: 277892

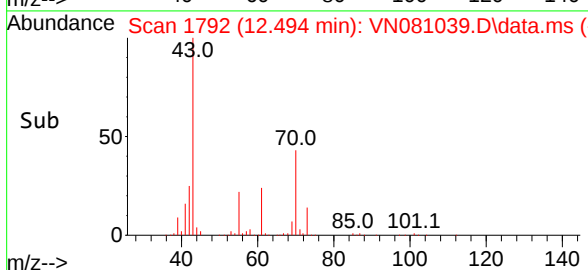
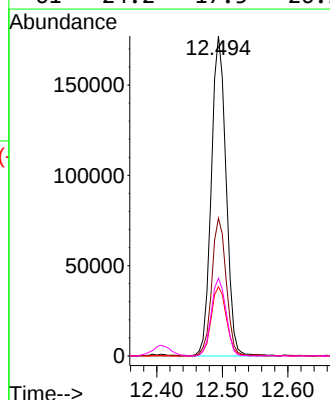
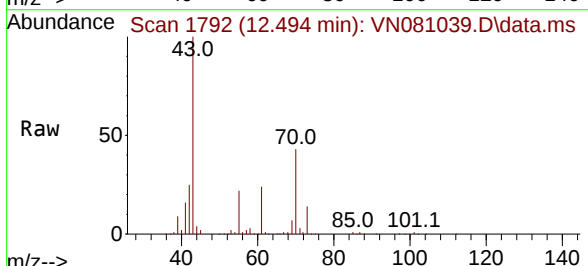
Ion Ratio Lower Upper

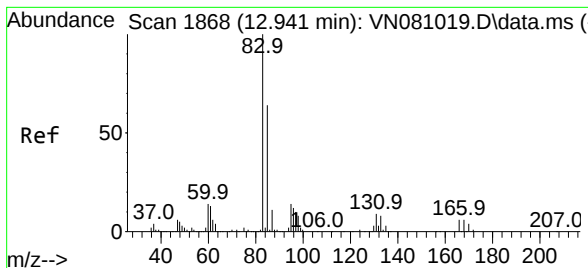
43 100

70 42.1 30.1 45.1

55 22.3 17.0 25.4

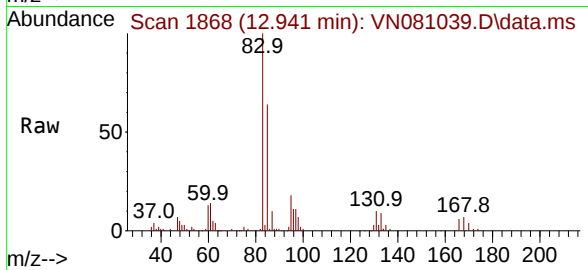
61 24.2 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 17.596 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

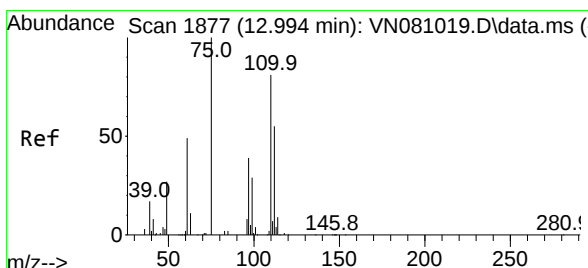
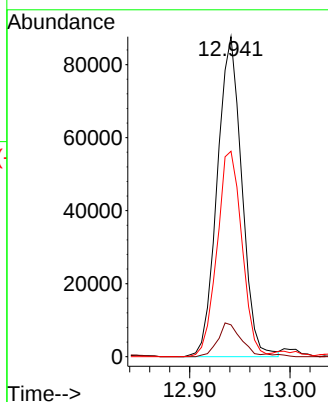
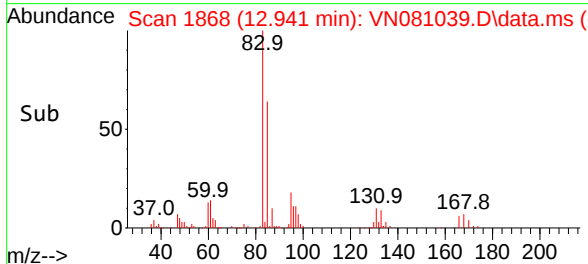
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



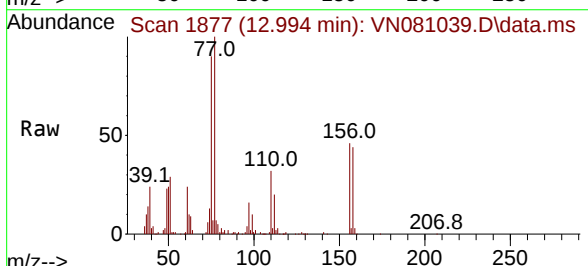
Tgt Ion: 83 Resp: 14925
Ion Ratio Lower Upper
83 100
131 10.4 4.1 12.3
85 64.9 32.1 96.3

Manual Integrations
APPROVED

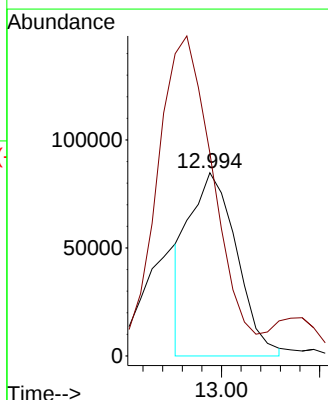
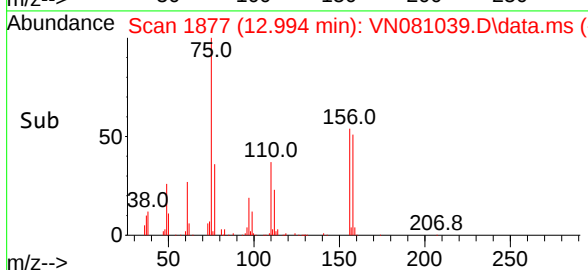
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

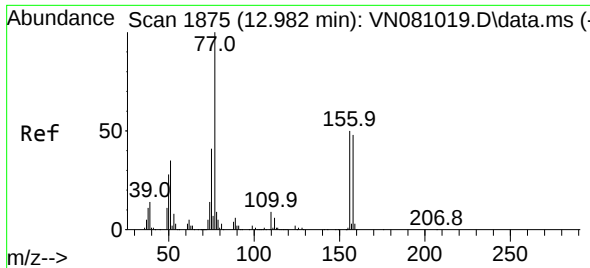


#76
1,2,3-Trichloropropane
Concen: 18.928 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



Tgt Ion: 75 Resp: 143049
Ion Ratio Lower Upper
75 100
77 207.6 91.0 272.8





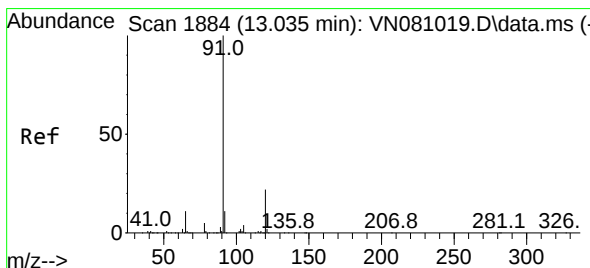
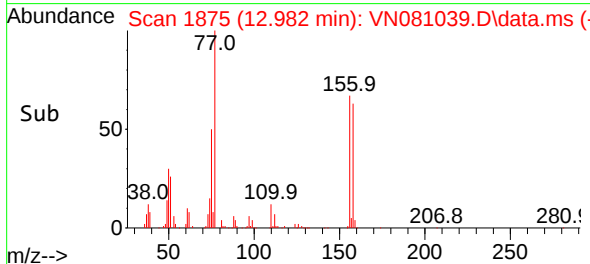
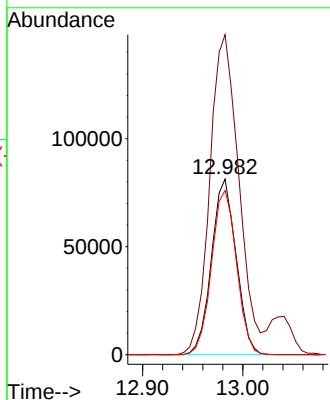
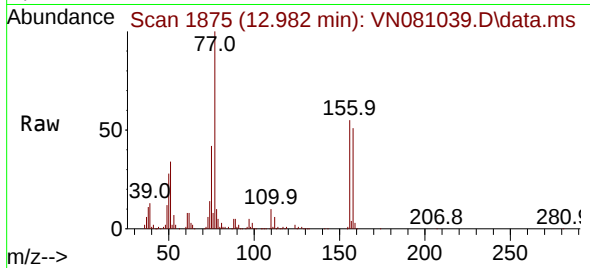
#77
Bromobenzene
Concen: 19.868 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01

Tgt Ion:156 Resp: 13906
Ion Ratio Lower Upper
156 100
77 213.6 138.1 414.3
158 94.5 46.5 139.5

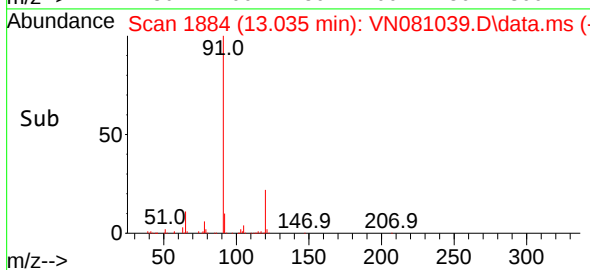
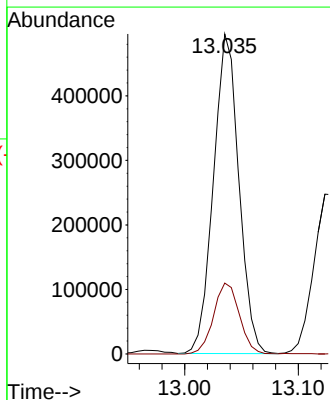
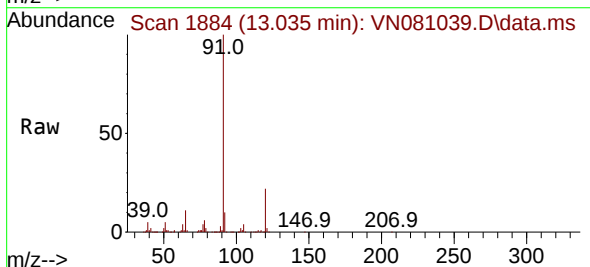
Manual Integrations
APPROVED

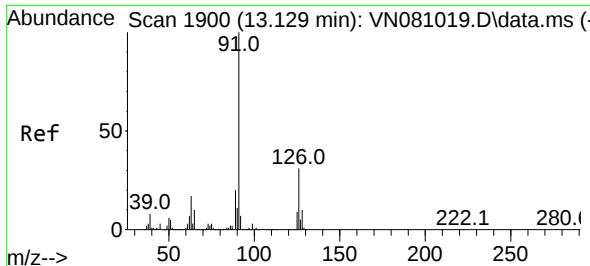
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#78
n-propylbenzene
Concen: 19.535 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

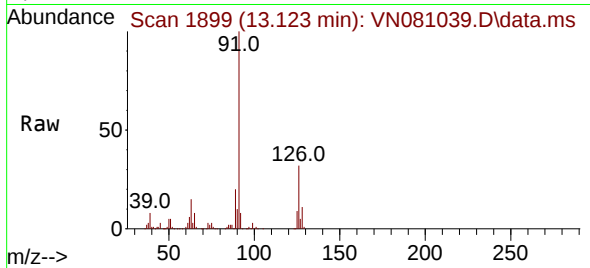
Tgt Ion: 91 Resp: 770330
Ion Ratio Lower Upper
91 100
120 22.4 10.3 30.9





#79
2-Chlorotoluene
Concen: 19.527 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

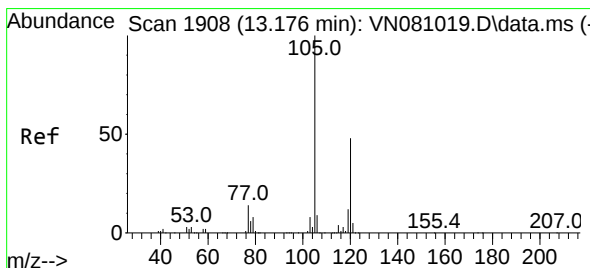
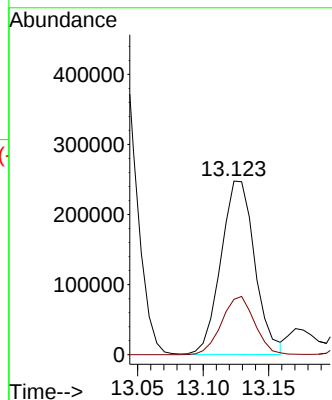
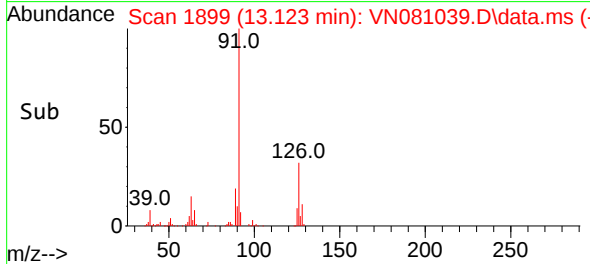
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



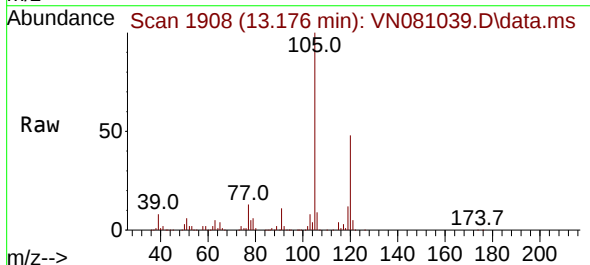
Tgt Ion: 91 Resp: 444749
Ion Ratio Lower Upper
91 100
126 32.8 14.8 44.4

Manual Integrations
APPROVED

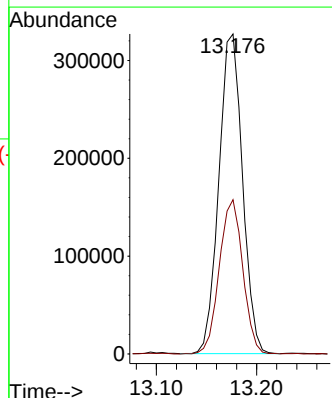
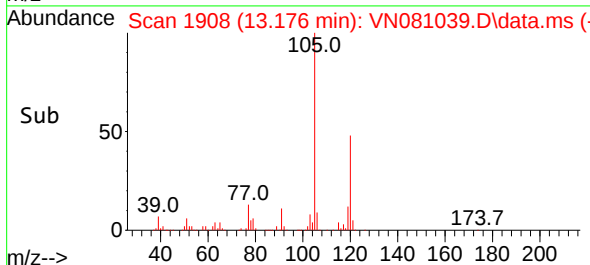
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

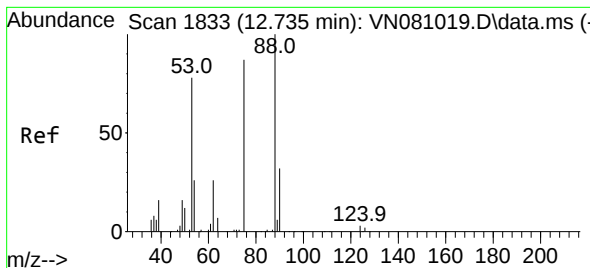


#80
1,3,5-Trimethylbenzene
Concen: 19.926 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



Tgt Ion:105 Resp: 534240
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0





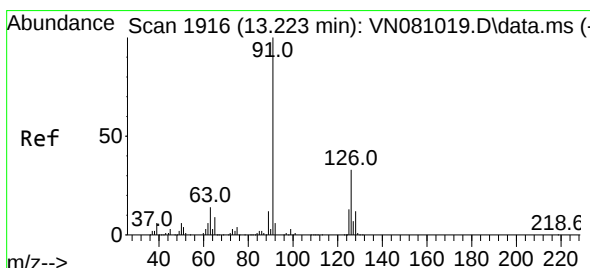
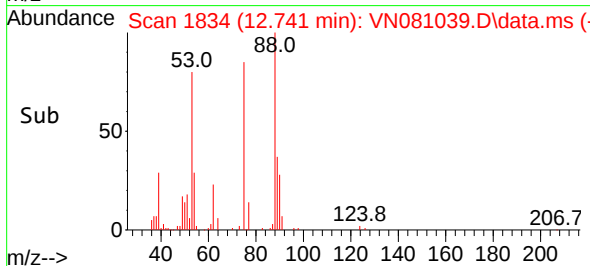
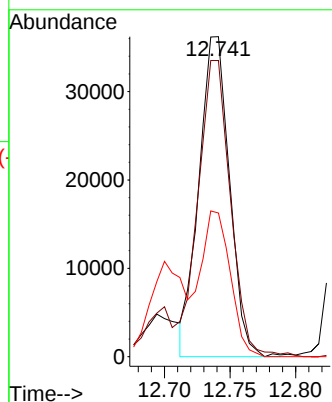
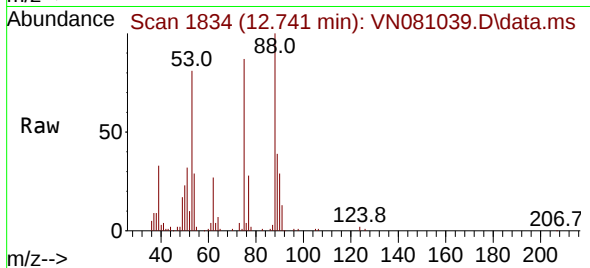
#81
trans-1,4-Dichloro-2-butene
Concen: 18.139 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01

Tgt Ion: 75 Resp: 5889
Ion Ratio Lower Upper
75 100
53 98.8 71.4 107.2
89 44.4 33.4 50.0

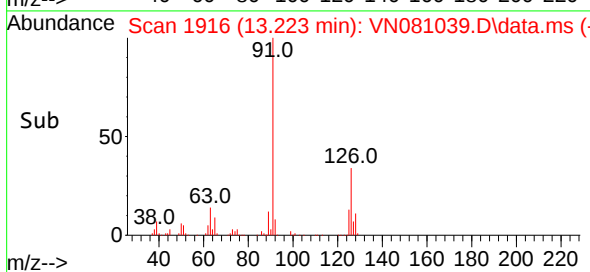
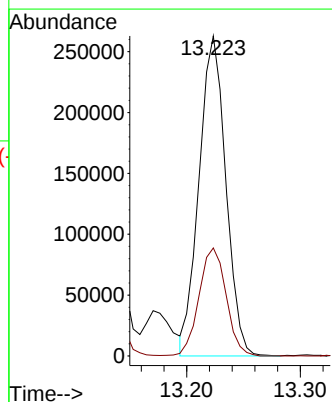
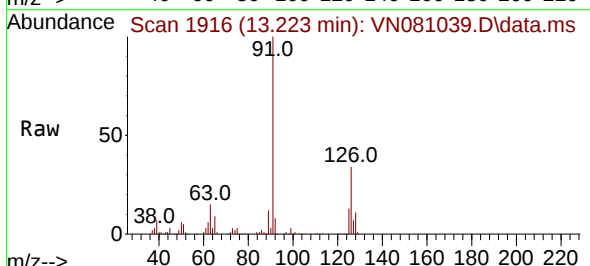
Manual Integrations
APPROVED

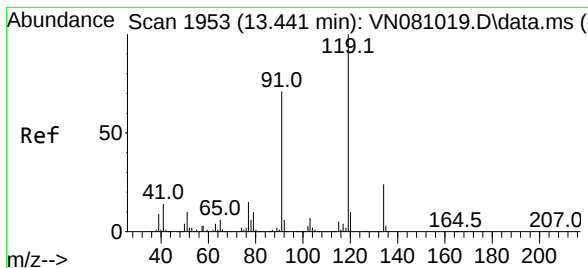
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#82
4-Chlorotoluene
Concen: 19.582 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

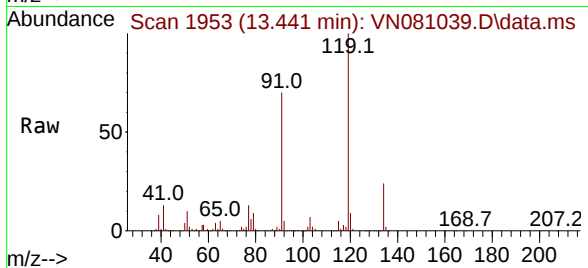
Tgt Ion: 91 Resp: 430997
Ion Ratio Lower Upper
91 100
126 34.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 19.968 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

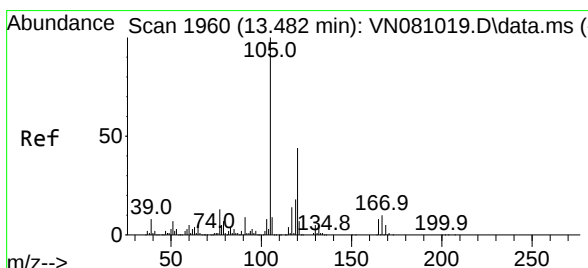
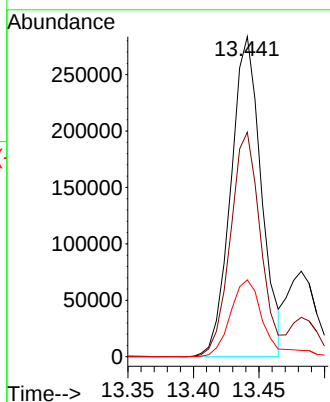
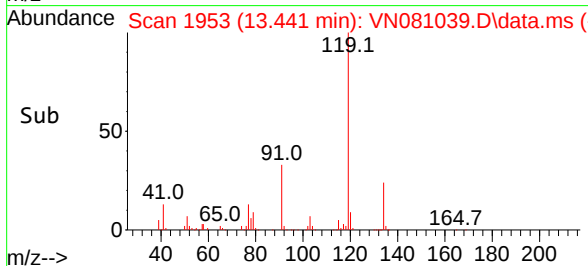
Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01



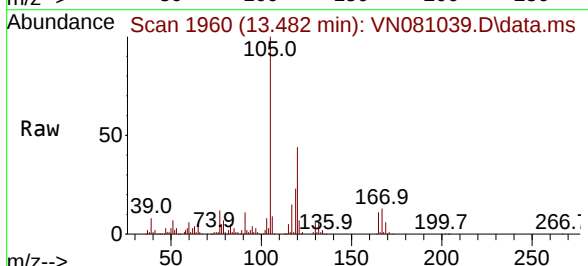
Tgt Ion:119 Resp: 45845
Ion Ratio Lower Upper
119 100
91 70.2 36.8 110.4
134 26.3 12.4 37.4

Manual Integrations
APPROVED

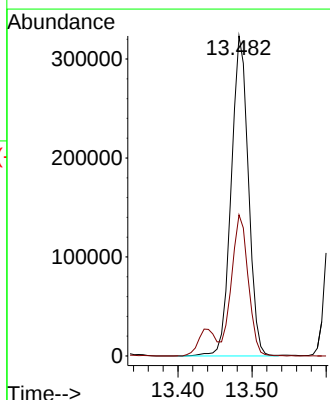
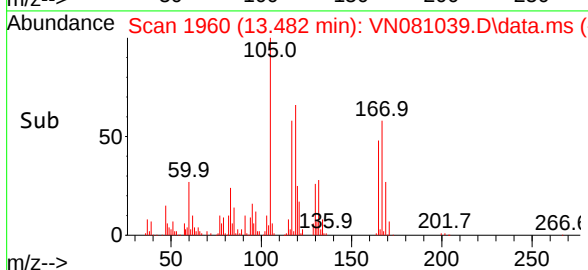
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

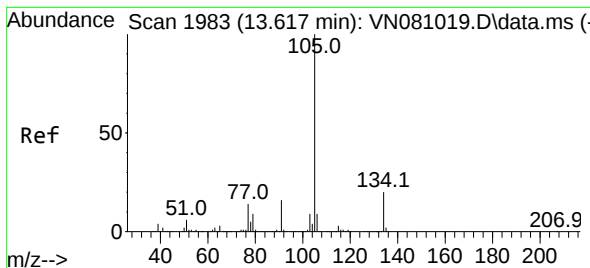


#84
1,2,4-Trimethylbenzene
Concen: 20.111 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58



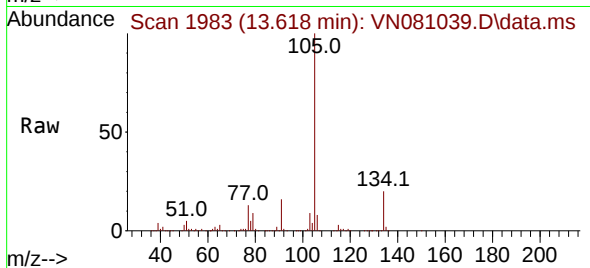
Tgt Ion:105 Resp: 519516
Ion Ratio Lower Upper
105 100
120 42.5 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 20.431 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081039.D
 Acq: 15 Feb 2024 14:58

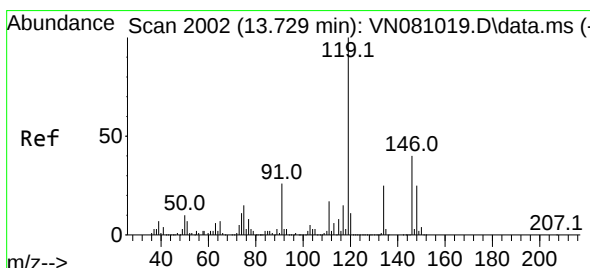
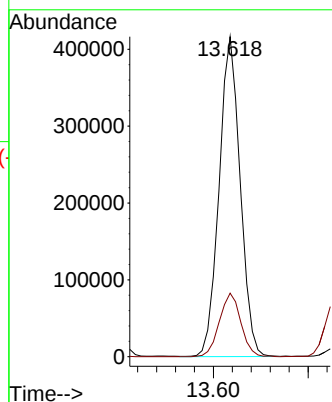
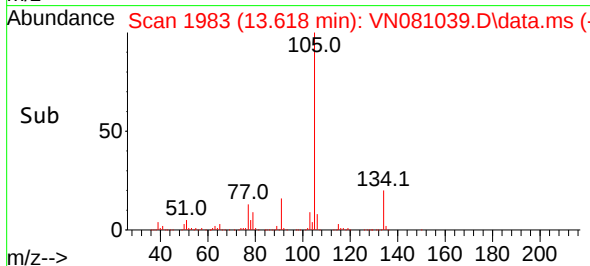
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215MBS01



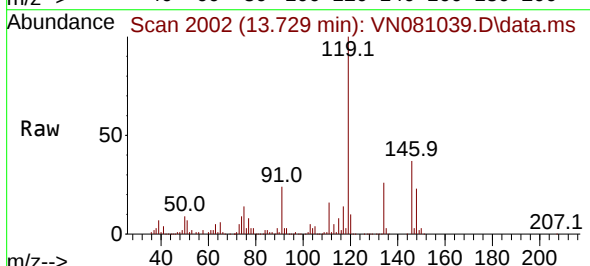
Tgt Ion:105 Resp: 64353
 Ion Ratio Lower Upper
 105 100
 134 20.2 8.6 25.8

Manual Integrations
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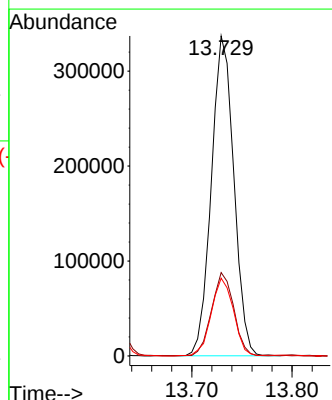
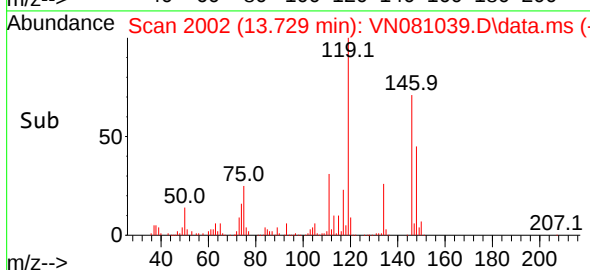
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024

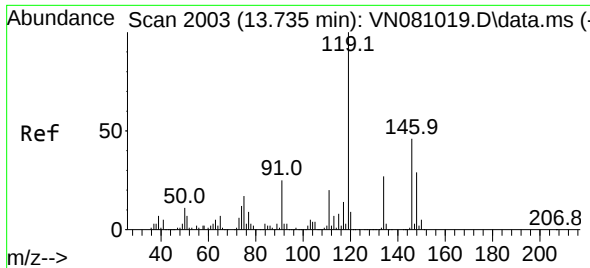


#86
 p-Isopropyltoluene
 Concen: 20.734 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081039.D
 Acq: 15 Feb 2024 14:58



Tgt Ion:119 Resp: 525188
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.2
 91 24.2 13.5 40.4





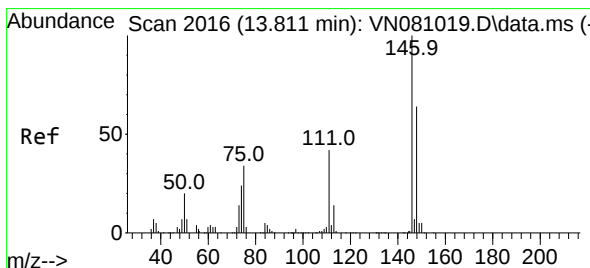
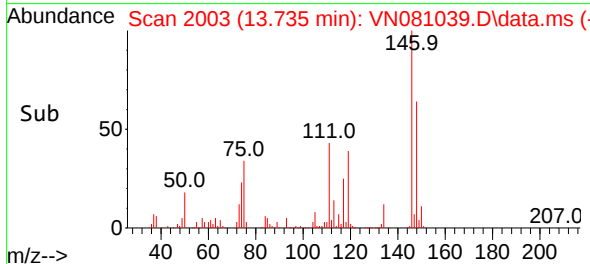
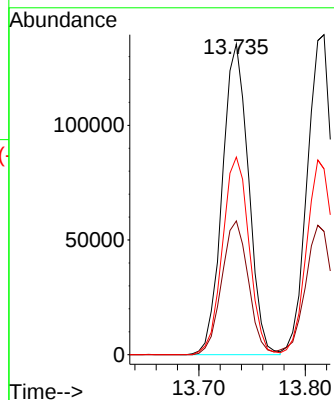
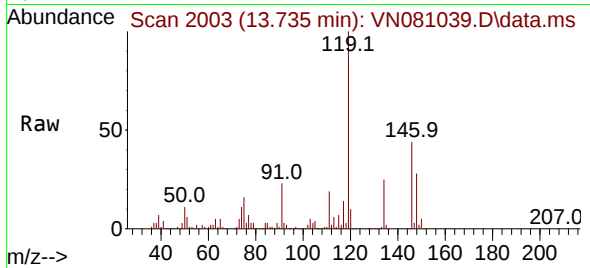
#87
 1,3-Dichlorobenzene
 Concen: 19.454 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081039.D
 Acq: 15 Feb 2024 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215MBS01

Tgt Ion:146 Resp: 231552
 Ion Ratio Lower Upper
 146 100
 111 43.6 23.9 71.7
 148 64.5 32.6 97.7

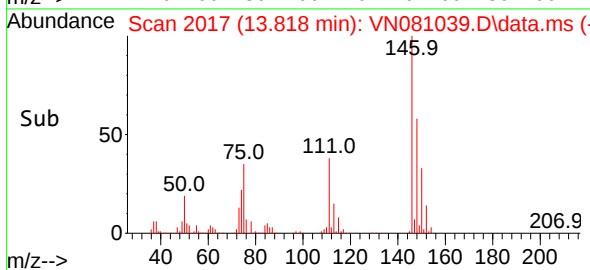
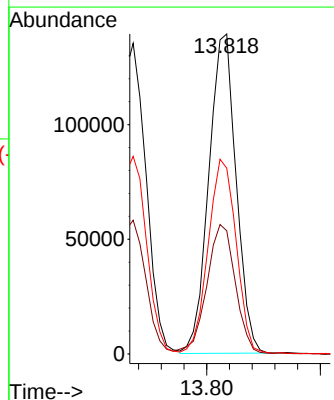
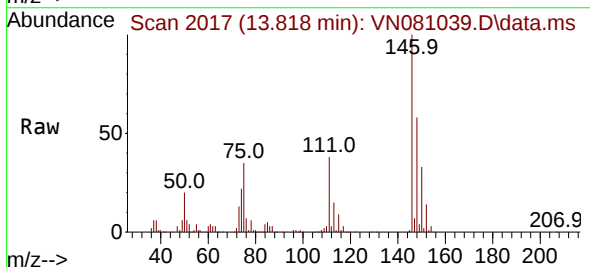
Manual Integrations
 APPROVED

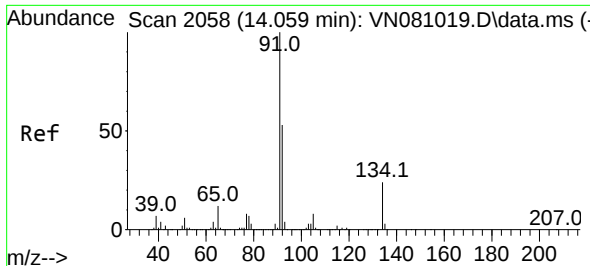
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024



#88
 1,4-Dichlorobenzene
 Concen: 18.930 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN081039.D
 Acq: 15 Feb 2024 14:58

Tgt Ion:146 Resp: 232805
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.6 67.7
 148 62.8 31.9 95.5





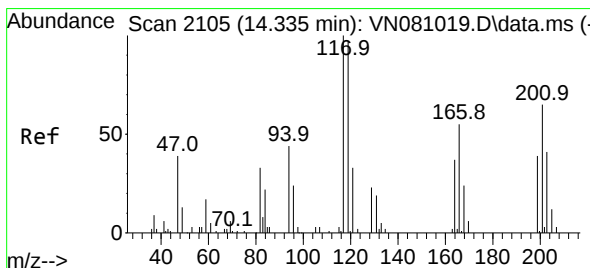
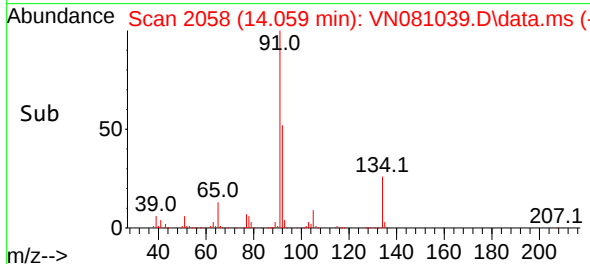
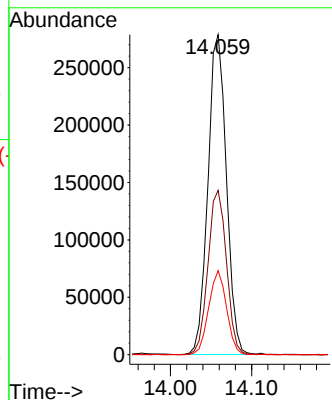
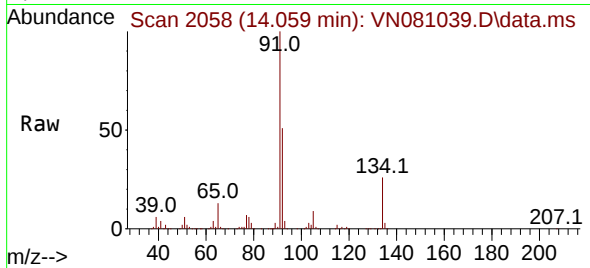
#89
n-Butylbenzene
Concen: 18.975 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01

Tgt Ion: 91 Resp: 439959
Ion Ratio Lower Upper
91 100
92 51.5 26.7 80.1
134 25.4 10.8 32.4

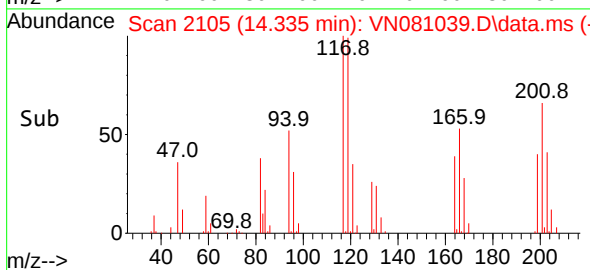
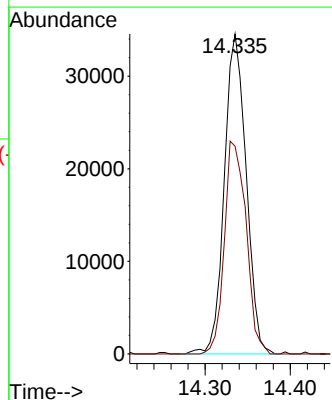
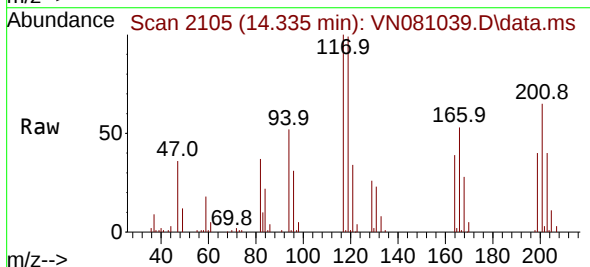
Manual Integrations
APPROVED

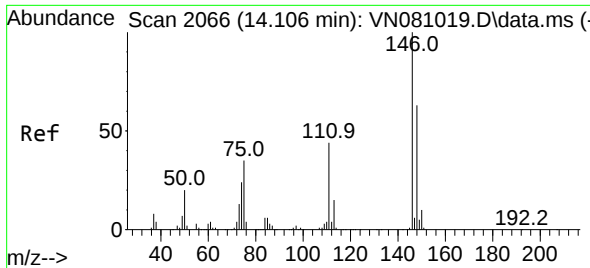
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#90
Hexachloroethane
Concen: 82.775 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Tgt Ion:117 Resp: 61442
Ion Ratio Lower Upper
117 100
201 66.2 30.0 90.0





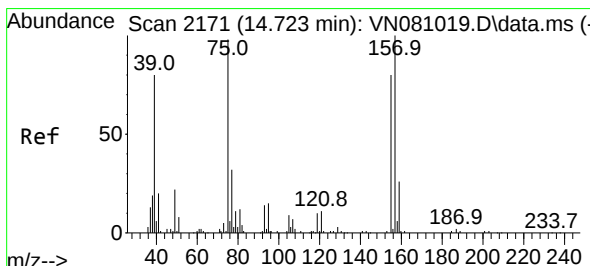
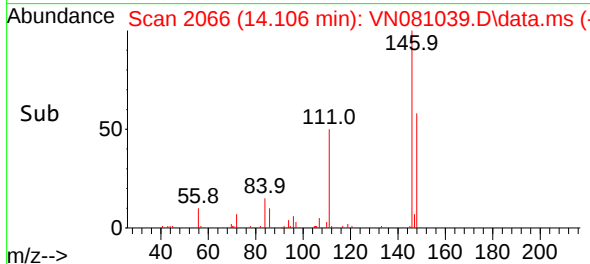
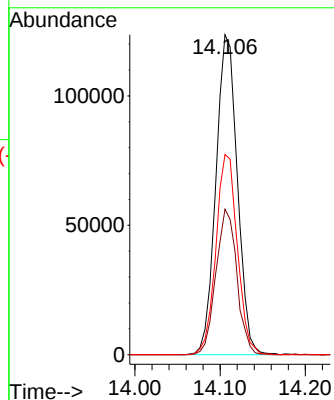
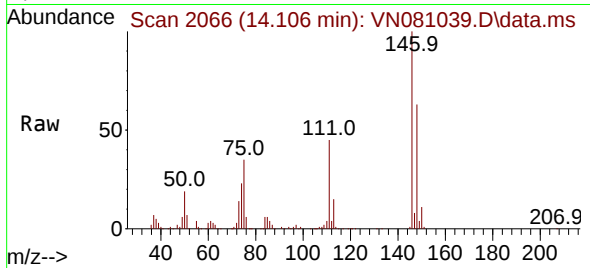
#91
1,2-Dichlorobenzene
Concen: 18.750 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0215MBS01

Tgt Ion:146 Resp: 216350
Ion Ratio Lower Upper
146 100
111 44.5 23.9 71.8
148 62.4 31.4 94.0

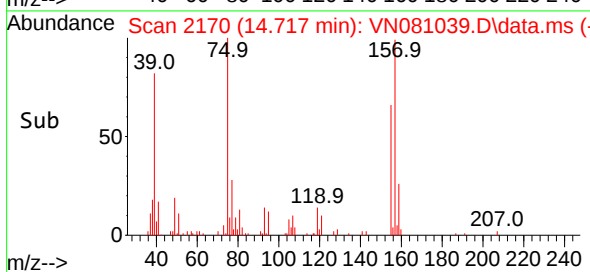
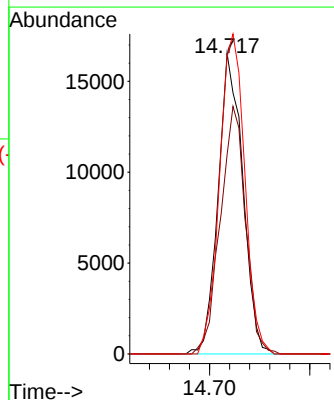
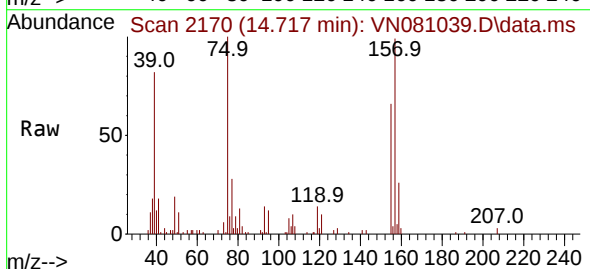
Manual Integrations
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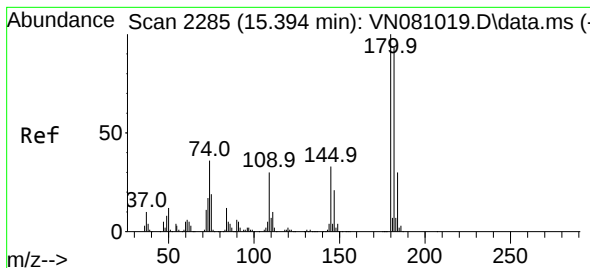
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.433 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081039.D
Acq: 15 Feb 2024 14:58

Tgt Ion: 75 Resp: 28217
Ion Ratio Lower Upper
75 100
155 84.2 31.8 95.4
157 108.7 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.011 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0215MBS01

Tgt Ion:180 Resp: 124498

Ion Ratio Lower Upper

180 100

182 96.4 46.6 139.7

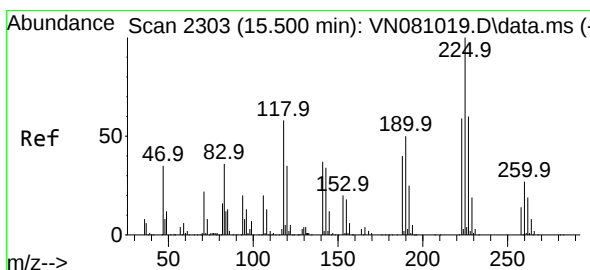
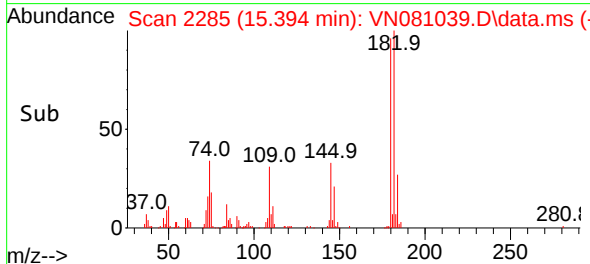
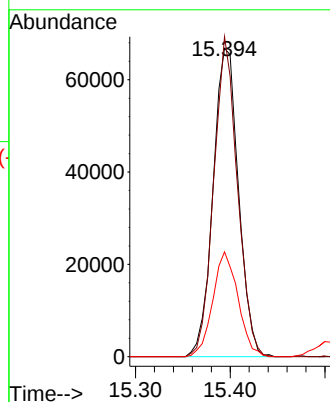
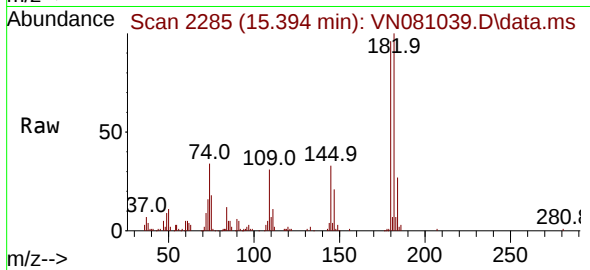
145 33.8 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#94

Hexachlorobutadiene

Concen: 17.296 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

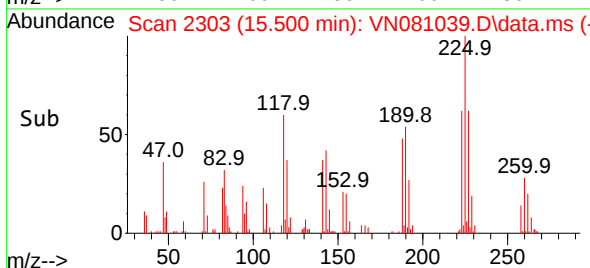
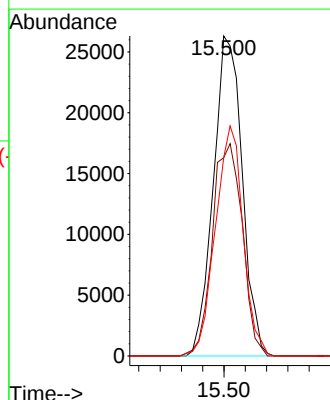
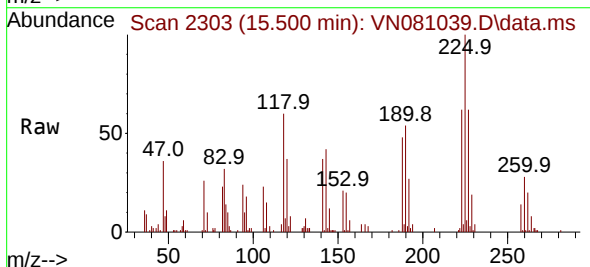
Tgt Ion:225 Resp: 49447

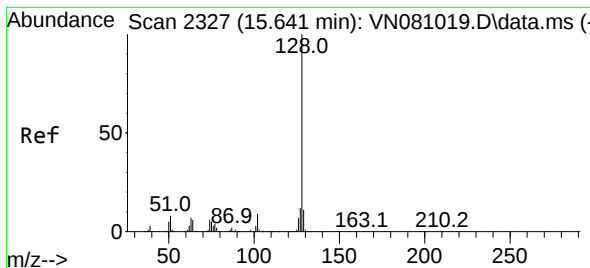
Ion Ratio Lower Upper

225 100

223 68.7 33.3 99.8

227 69.0 33.1 99.2





#95

Naphthalene

Concen: 16.441 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0215MBS01

Tgt Ion:128 Resp: 404319

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

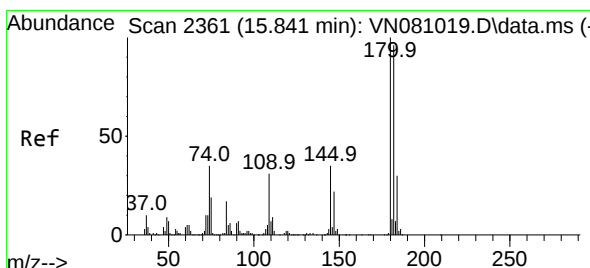
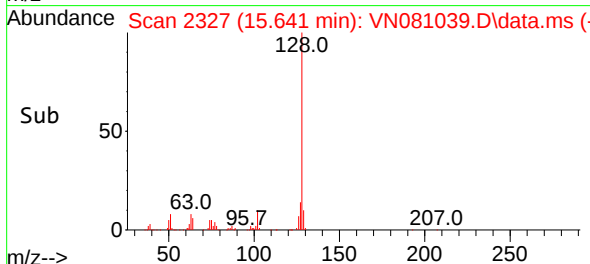
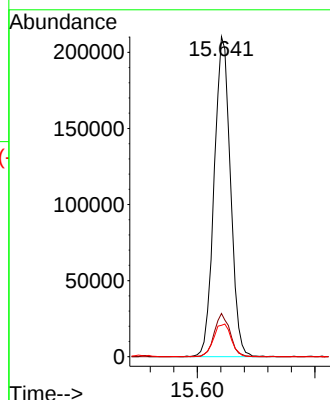
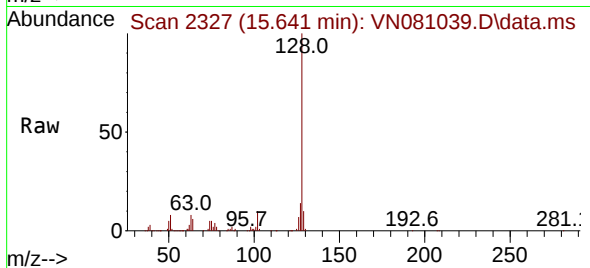
129 11.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.964 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081039.D

Acq: 15 Feb 2024 14:58

Tgt Ion:180 Resp: 121685

Ion Ratio Lower Upper

180 100

182 97.0 46.5 139.3

145 35.5 17.8 53.4

