

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081019.D
 Acq On : 14 Feb 2024 12:14
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 07:36:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:35:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	628312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1113140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	955116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	347305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	375601	48.600	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.200%		
35) Dibromofluoromethane	8.165	113	313265	49.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	10.570	98	1112995	49.448	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.900%		
62) 4-Bromofluorobenzene	12.853	95	372975	48.722	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	439755	54.572	ug/l	95
3) Chloromethane	2.365	50	475129	48.855	ug/l	94
4) Vinyl Chloride	2.518	62	419845	49.609	ug/l	96
5) Bromomethane	2.947	94	214999	50.351	ug/l	96
6) Chloroethane	3.118	64	259597	47.709	ug/l	98
7) Trichlorofluoromethane	3.494	101	574596	48.235	ug/l	100
8) Diethyl Ether	3.953	74	239274	50.662	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.365	101	352198	50.100	ug/l #	89
10) Methyl Iodide	4.589	142	371205	51.997	ug/l	97
11) Tert butyl alcohol	5.512	59	337504	243.461	ug/l	99
12) 1,1-Dichloroethene	4.341	96	352562	51.485	ug/l	96
13) Acrolein	4.177	56	270785	245.295	ug/l	99
14) Allyl chloride	5.018	41	519572	46.589	ug/l	95
15) Acrylonitrile	5.718	53	874326	246.257	ug/l	96
16) Acetone	4.424	43	698763	230.966	ug/l	99
17) Carbon Disulfide	4.712	76	960566	48.413	ug/l	97
18) Methyl Acetate	5.018	43	385140	48.334	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	1189552	49.783	ug/l	98
20) Methylene Chloride	5.271	84	383119	48.617	ug/l	91
21) trans-1,2-Dichloroethene	5.788	96	367815	48.856	ug/l	96
22) Diisopropyl ether	6.671	45	1216832	49.885	ug/l	96
23) Vinyl Acetate	6.600	43	4984938	253.601	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	681106	50.072	ug/l	96
25) 2-Butanone	7.477	43	1170393	238.294	ug/l	98
26) 2,2-Dichloropropane	7.488	77	642471	51.320	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	428366	49.233	ug/l	92
28) Bromochloromethane	7.818	49	264156	48.102	ug/l #	70
29) Tetrahydrofuran	7.835	42	769939	243.920	ug/l #	88
30) Chloroform	7.965	83	711904	48.767	ug/l	98
31) Cyclohexane	8.253	56	617937	46.026	ug/l #	83
32) 1,1,1-Trichloroethane	8.165	97	641344	49.754	ug/l	93
36) 1,1-Dichloropropene	8.371	75	540634	50.770	ug/l	97
37) Ethyl Acetate	7.553	43	489933	50.296	ug/l	99
38) Carbon Tetrachloride	8.359	117	422089	54.153	ug/l	96
39) Methylcyclohexane	9.600	83	674572	51.491	ug/l	91
40) Benzene	8.606	78	1559417	49.521	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	291336	49.269	ug/l	97
42) 1,2-Dichloroethane	8.671	62	554639	49.620	ug/l	100
43) Isopropyl Acetate	8.688	43	891879	48.870	ug/l	97
44) Trichloroethene	9.353	130	457856	49.090	ug/l	93
45) 1,2-Dichloropropane	9.623	63	397009	50.966	ug/l	99
46) Dibromomethane	9.712	93	273003	49.651	ug/l #	91
47) Bromodichloromethane	9.888	83	557578	51.742	ug/l #	94
48) Methyl methacrylate	9.682	41	420595	48.949	ug/l	92
49) 1,4-Dioxane	9.694	88	154898	1056.263	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	2533800	248.953	ug/l	96
52) Toluene	10.629	92	983036	49.975	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	648413	51.073	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	678656	50.545	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	374391	50.614	ug/l	95
56) Ethyl methacrylate	10.876	69	622059	51.360	ug/l	91
57) 1,3-Dichloropropane	11.165	76	671685	50.830	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1523930	253.575	ug/l #	89
59) 2-Hexanone	11.194	43	1864421	249.429	ug/l	96
60) Dibromochloromethane	11.359	129	368410	52.377	ug/l	97
61) 1,2-Dibromoethane	11.470	107	389581	50.089	ug/l	97
64) Tetrachloroethene	11.106	164	491179	50.444	ug/l	89
65) Chlorobenzene	11.894	112	1003095	50.085	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	346390	50.236	ug/l	98
67) Ethyl Benzene	11.965	91	1932182	51.173	ug/l	98
68) m/p-Xylenes	12.070	106	1410290	101.285	ug/l	100
69) o-Xylene	12.400	106	679030	50.282	ug/l	100
70) Styrene	12.412	104	1092068	50.739	ug/l	99
71) Bromoform	12.576	173	184849	52.693	ug/l #	96
73) Isopropylbenzene	12.694	105	1776450	50.625	ug/l	99
74) N-amyl acetate	12.494	43	786884	48.742	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	423909	49.219	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	382134m	50.650	ug/l	
77) Bromobenzene	12.982	156	345638	48.631	ug/l	80
78) n-propylbenzene	13.035	91	2038704	50.915	ug/l	97
79) 2-Chlorotoluene	13.129	91	1145596	49.535	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	1355237	49.780	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	164730	49.969	ug/l #	79
82) 4-Chlorotoluene	13.223	91	1108806	49.613	ug/l	98
83) tert-Butylbenzene	13.441	119	1152634	49.441	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1306992	49.827	ug/l	98
85) sec-Butylbenzene	13.617	105	1647505	51.511	ug/l	95
86) p-Isopropyltoluene	13.729	119	1317560	51.227	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	602492	49.850	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	603482	48.326	ug/l	98
89) n-Butylbenzene	14.059	91	1169378	49.669	ug/l	98
90) Hexachloroethane	14.335	117	25338	49.622	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	582286	49.699	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	84784	48.321	ug/l	75
93) 1,2,4-Trichlorobenzene	15.394	180	365021	52.005	ug/l	99
94) Hexachlorobutadiene	15.500	225	150710	51.916	ug/l	93
95) Naphthalene	15.641	128	1266207	50.707	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	357046	51.909	ug/l	98

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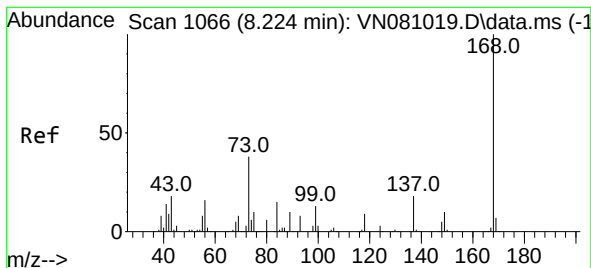
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/15/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

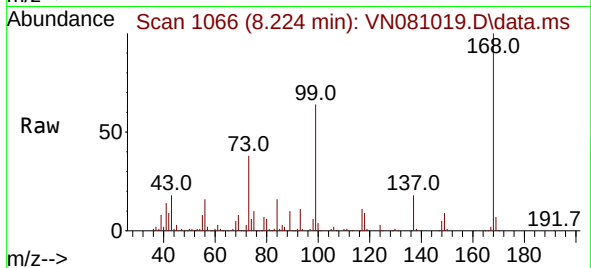
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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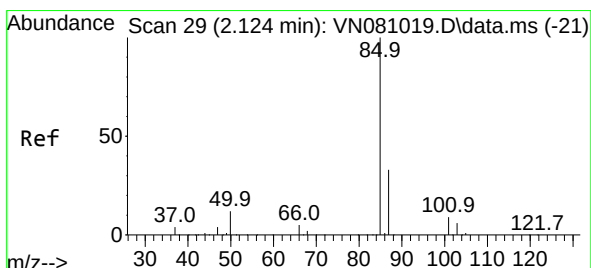
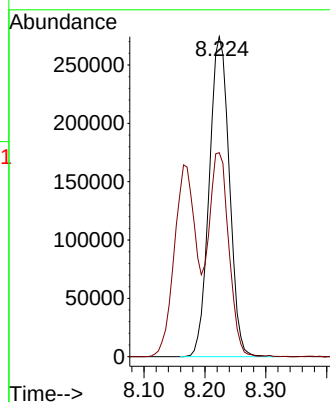
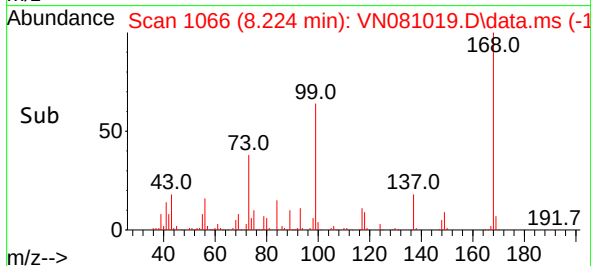
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 628312
Ion Ratio Lower Upper
168 100
99 63.7 59.9 89.9

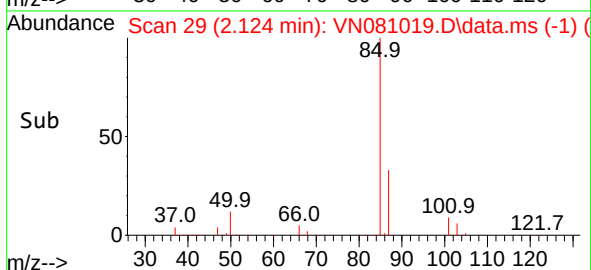
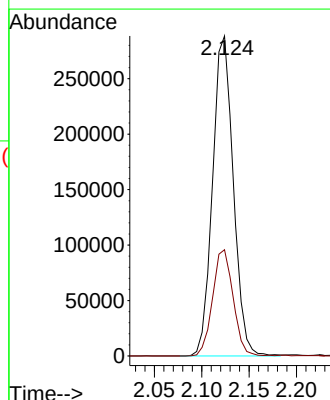
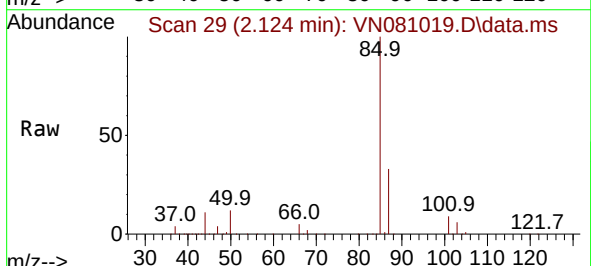
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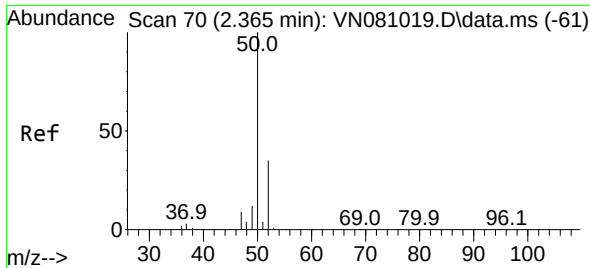
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#2
Dichlorodifluoromethane
Concen: 54.572 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

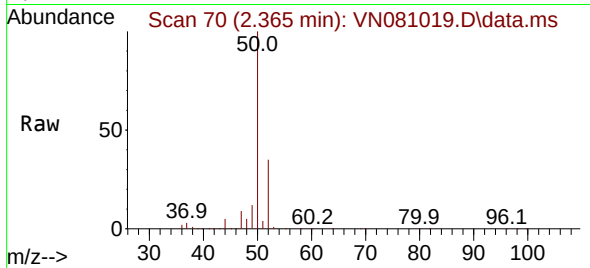
Tgt Ion: 85 Resp: 439755
Ion Ratio Lower Upper
85 100
87 33.2 15.3 45.9





#3
Chloromethane
Concen: 48.855 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

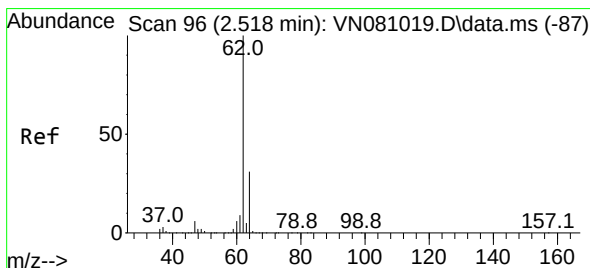
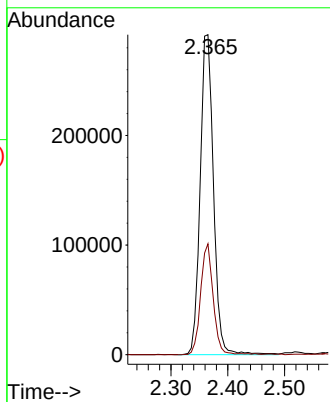
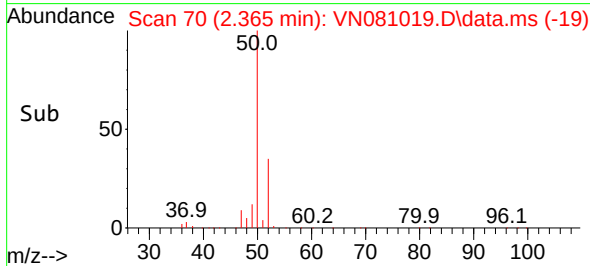
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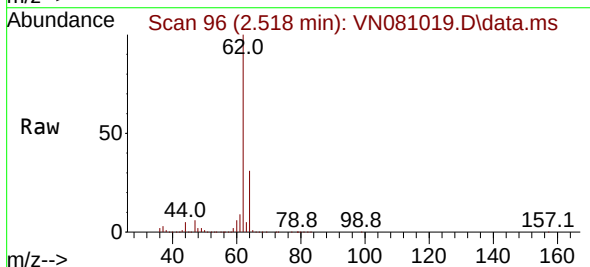
Tgt Ion: 50 Resp: 475129
Ion Ratio Lower Upper
50 100
52 34.7 25.0 37.4

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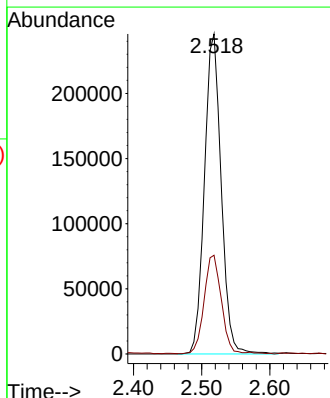
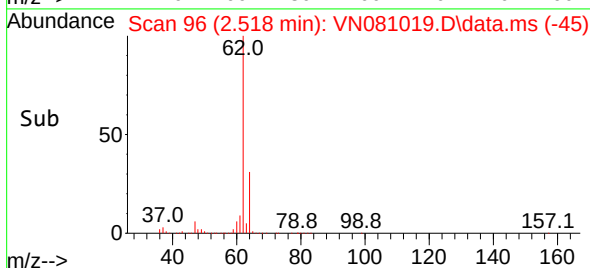
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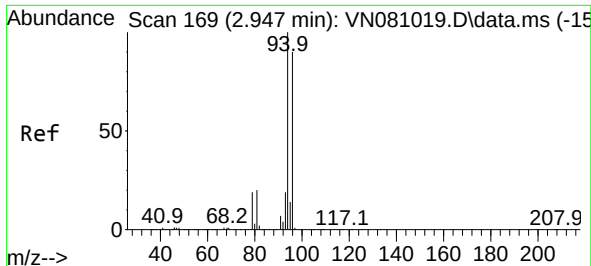


#4
Vinyl Chloride
Concen: 49.609 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14



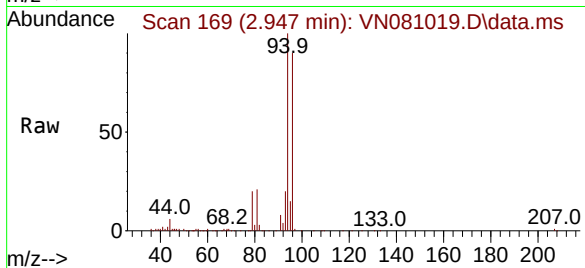
Tgt Ion: 62 Resp: 419845
Ion Ratio Lower Upper
62 100
64 30.7 22.7 34.1





#5
Bromomethane
Concen: 50.351 ug/l
RT: 2.947 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

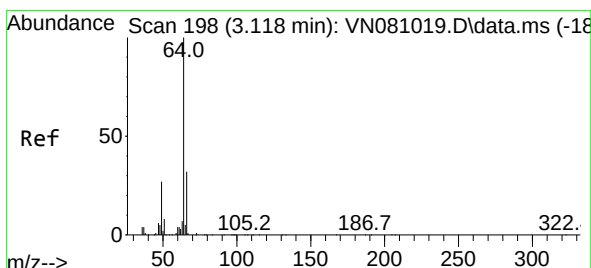
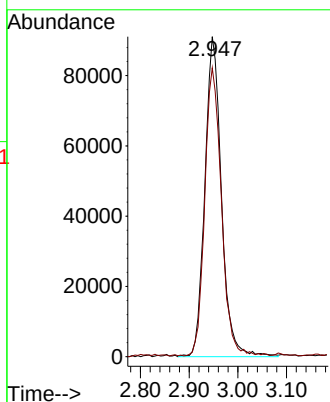
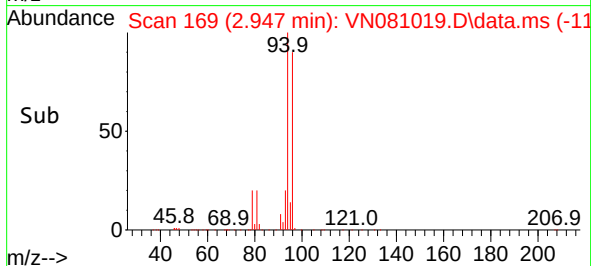
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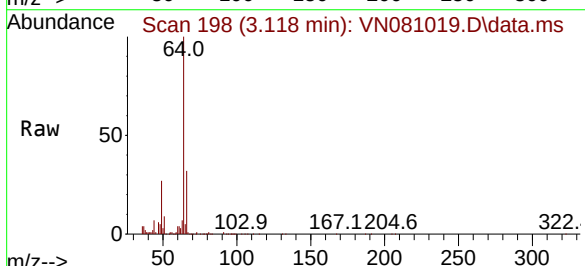
Tgt Ion: 94 Resp: 214999
Ion Ratio Lower Upper
94 100
96 90.0 69.2 103.8

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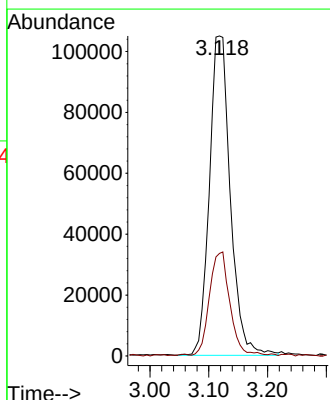
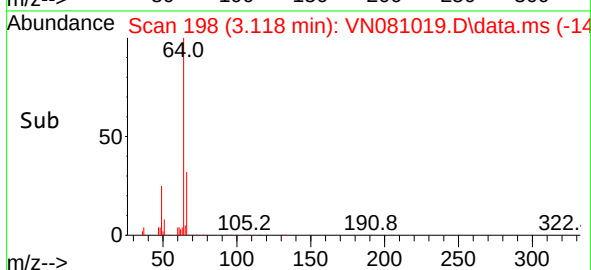
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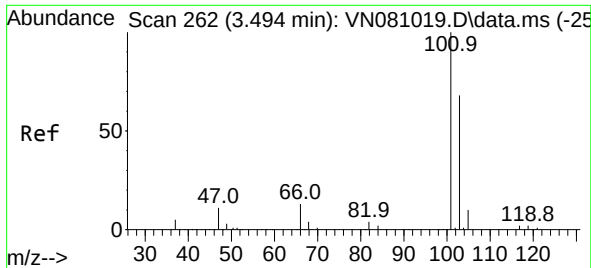


#6
Chloroethane
Concen: 47.709 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081019.D
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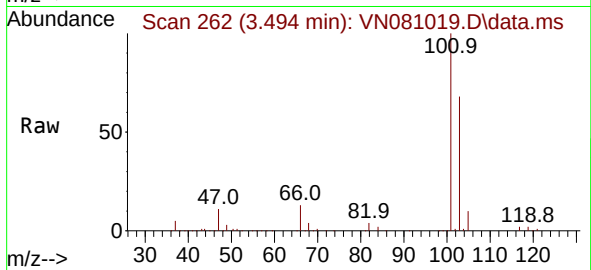
Tgt Ion: 64 Resp: 259597
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 48.235 ug/l
 RT: 3.494 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN081019.D
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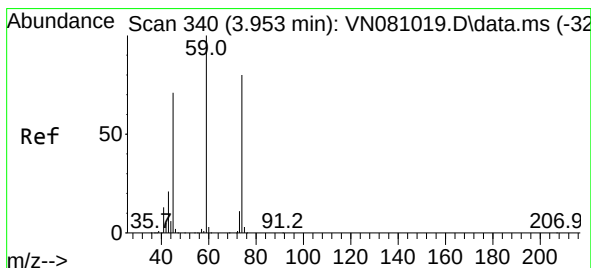
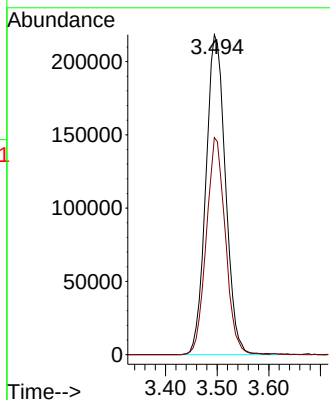
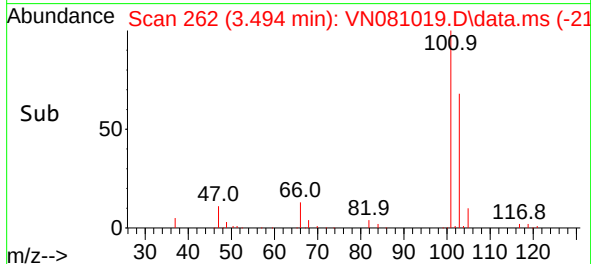
Instrument :
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Tgt Ion:101 Resp: 574590
 Ion Ratio Lower Upper
 101 100
 103 67.8 54.4 81.6

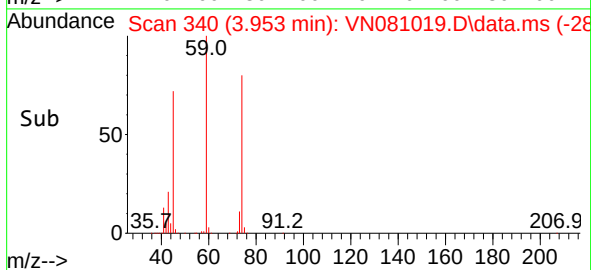
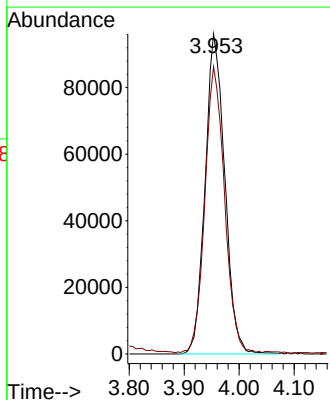
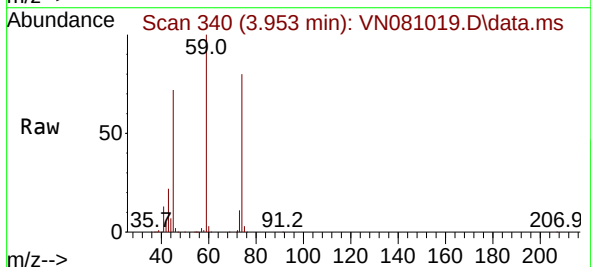
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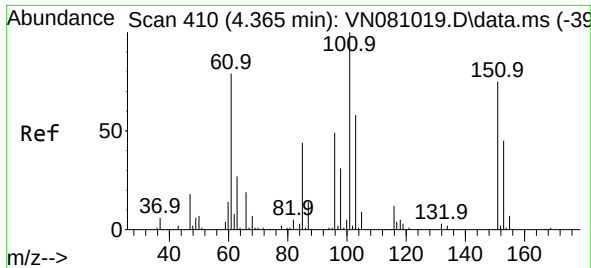
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#8
 Diethyl Ether
 Concen: 50.662 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 239274
 Ion Ratio Lower Upper
 74 100
 45 89.2 53.3 159.9





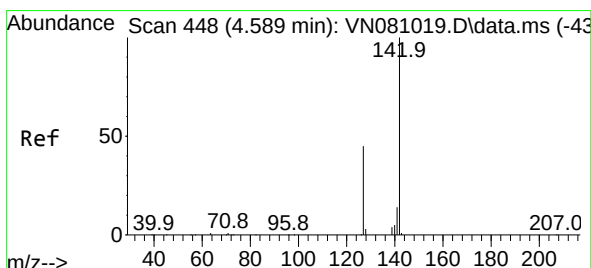
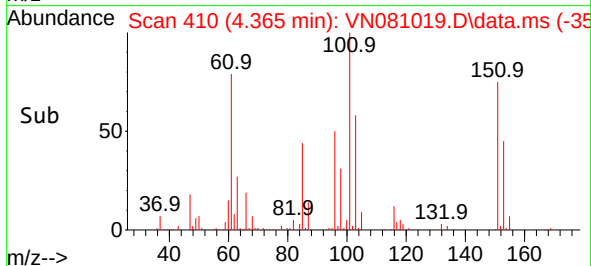
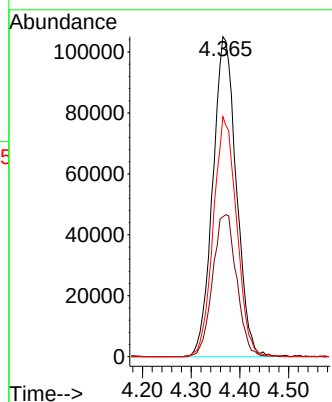
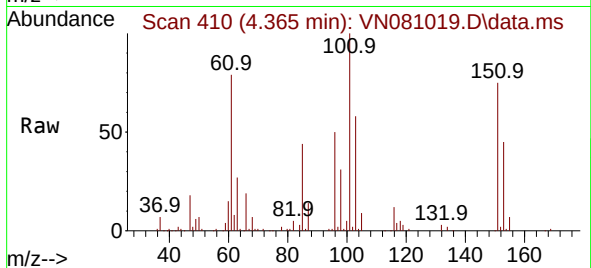
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.100 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 352198
Ion Ratio Lower Upper
101 100
85 45.4 38.1 57.1
151 74.5 49.1 73.7

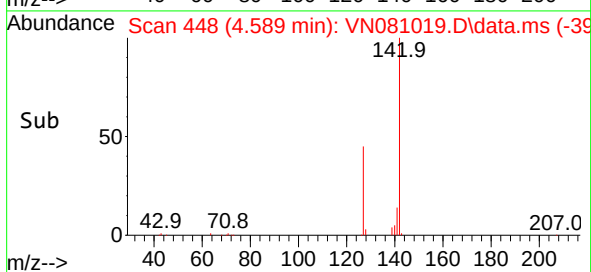
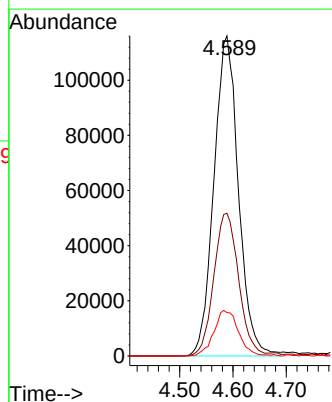
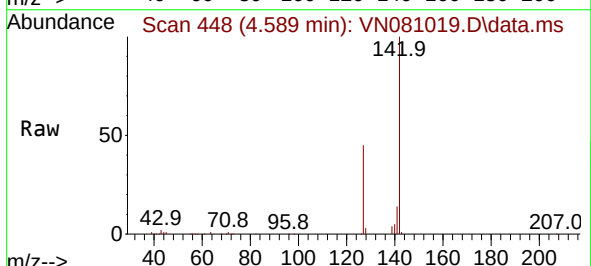
Manual Integrations
APPROVED

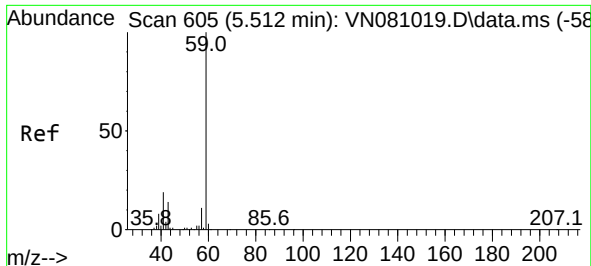
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#10
Methyl Iodide
Concen: 51.997 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

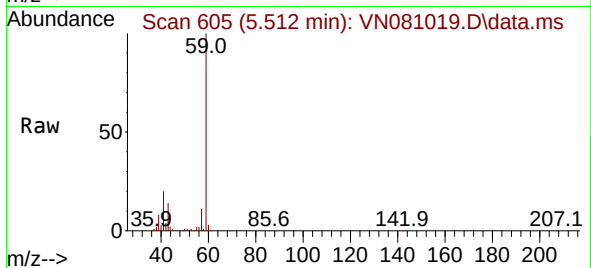
Tgt Ion:142 Resp: 371205
Ion Ratio Lower Upper
142 100
127 44.6 37.0 55.4
141 13.6 12.5 18.7





#11
Tert butyl alcohol
Concen: 243.461 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

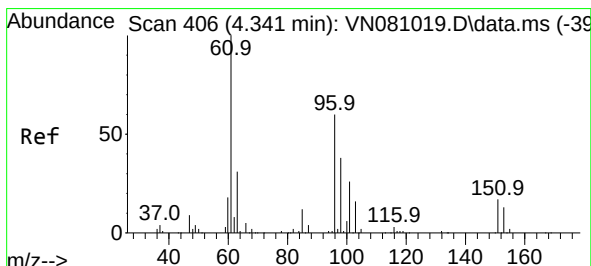
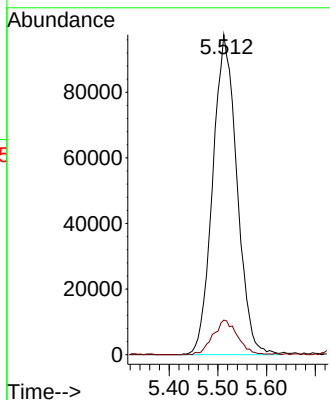
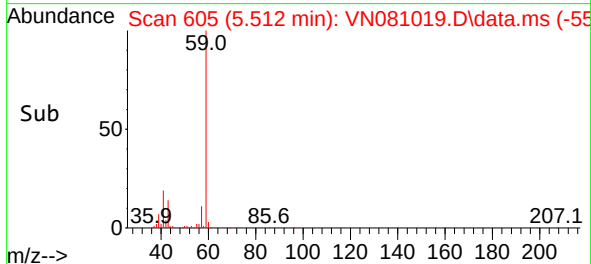
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 337504
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

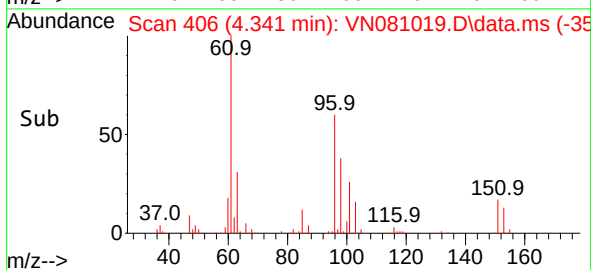
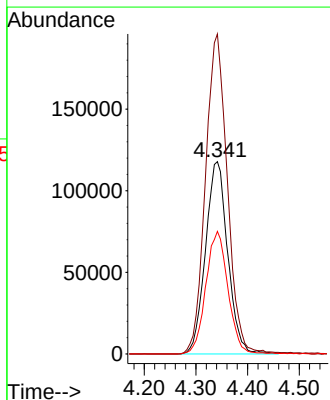
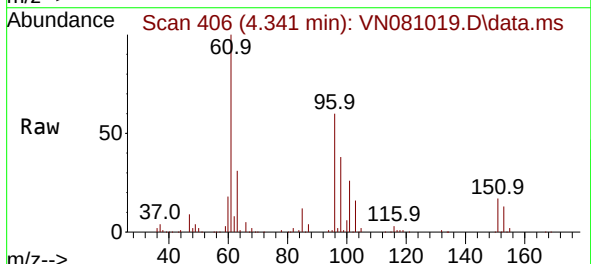
Manual Integrations
APPROVED

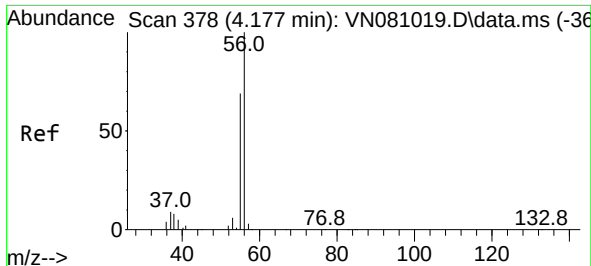
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#12
1,1-Dichloroethene
Concen: 51.485 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

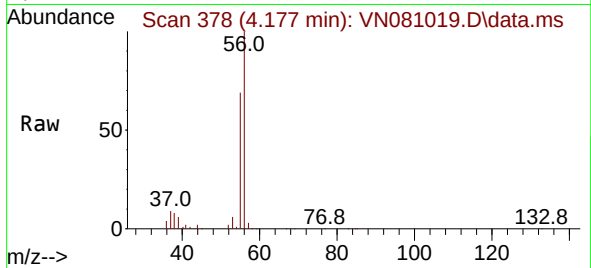
Tgt Ion: 96 Resp: 352562
Ion Ratio Lower Upper
96 100
61 166.3 138.2 207.4
98 63.7 49.2 73.8





#13
Acrolein
Concen: 245.295 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

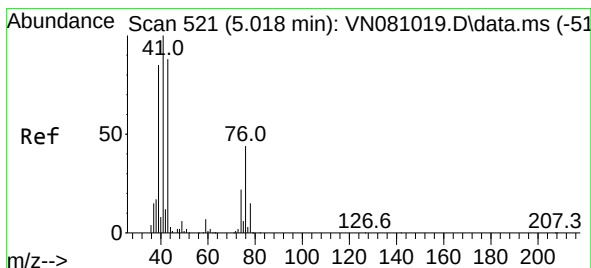
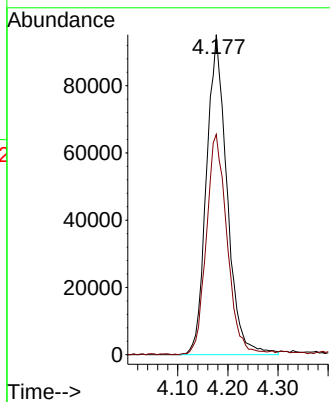
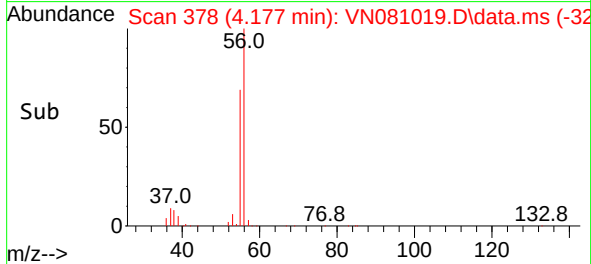
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 27078
Ion Ratio Lower Upper
56 100
55 69.6 55.3 82.9

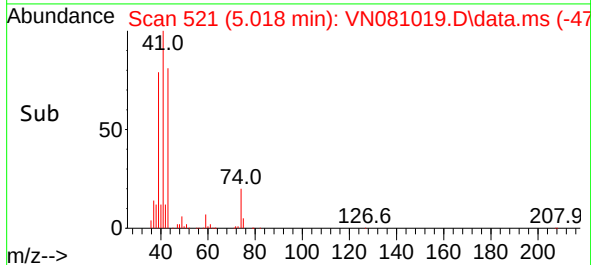
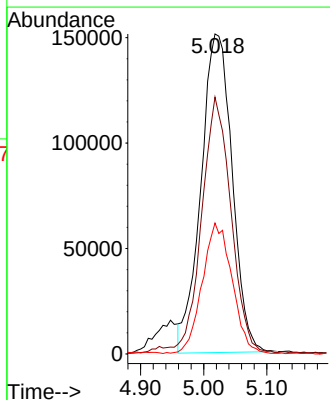
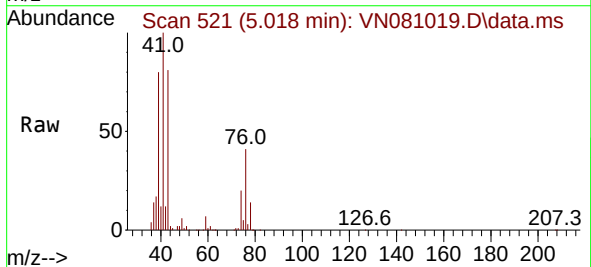
Manual Integrations
APPROVED

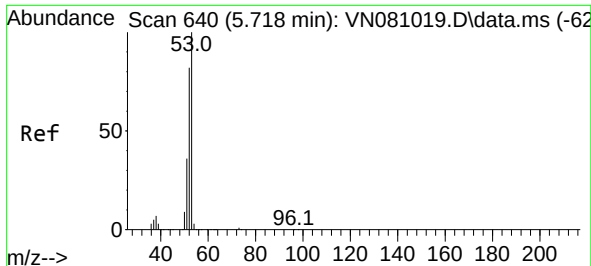
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#14
Allyl chloride
Concen: 46.589 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

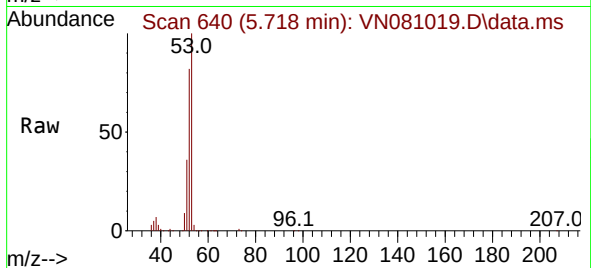
Tgt Ion: 41 Resp: 519572
Ion Ratio Lower Upper
41 100
39 75.1 57.7 86.5
76 38.9 26.8 40.2





#15
Acrylonitrile
Concen: 246.257 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

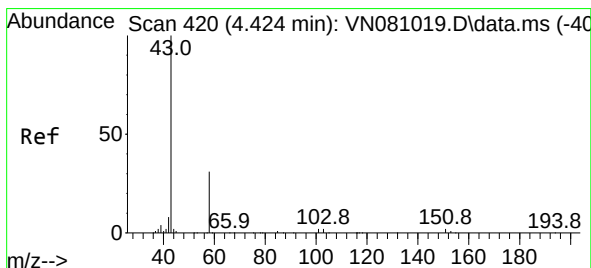
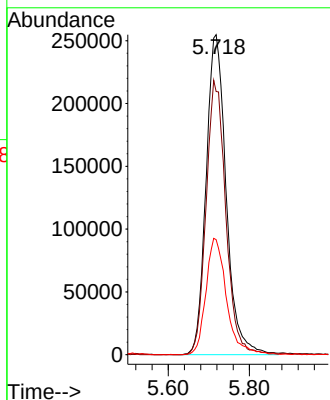
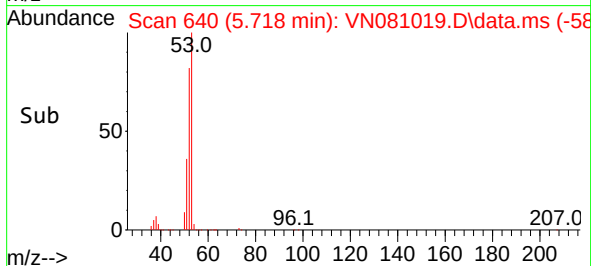
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 874320
Ion Ratio Lower Upper
53 100
52 84.0 64.8 97.2
51 37.2 26.9 40.3

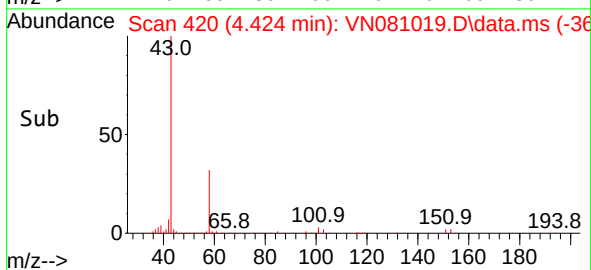
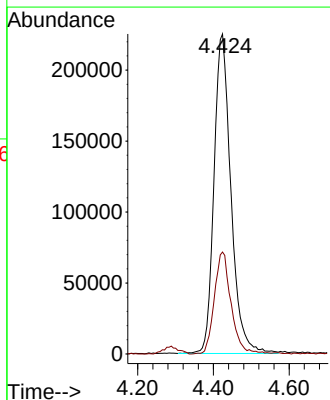
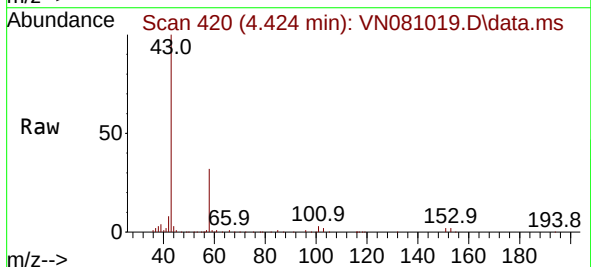
Manual Integrations
APPROVED

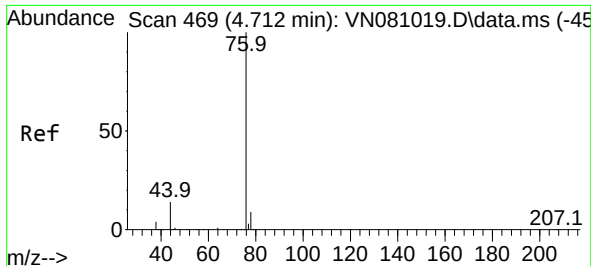
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#16
Acetone
Concen: 230.966 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

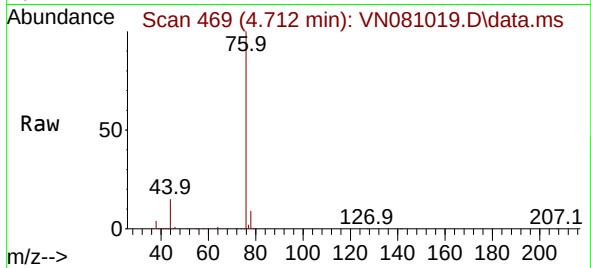
Tgt Ion: 43 Resp: 698763
Ion Ratio Lower Upper
43 100
58 31.5 24.8 37.2





#17
Carbon Disulfide
Concen: 48.413 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

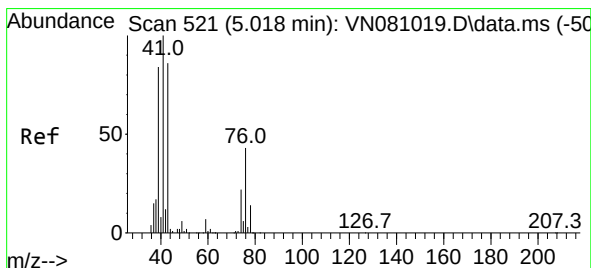
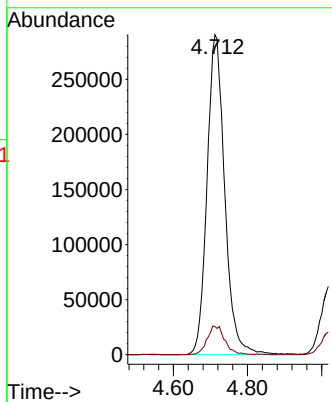
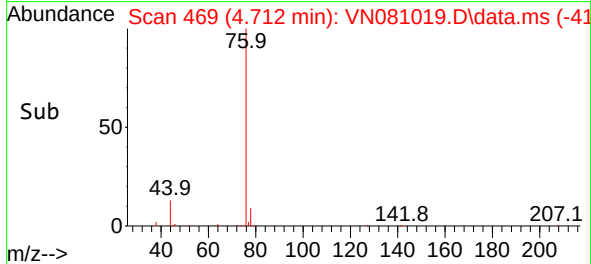
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 960560
Ion Ratio Lower Upper
76 100
78 8.8 6.3 9.5

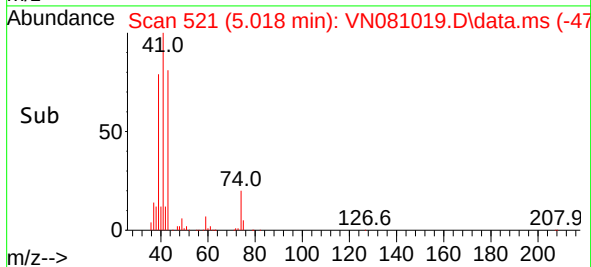
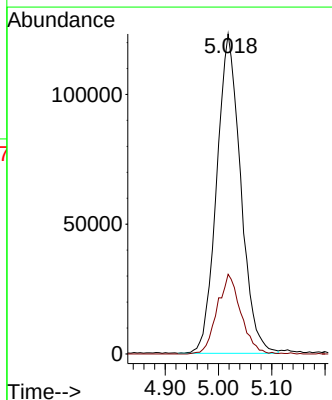
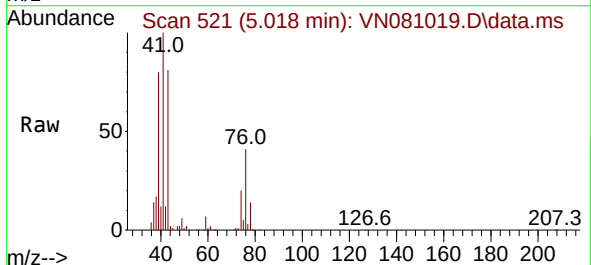
Manual Integrations
APPROVED

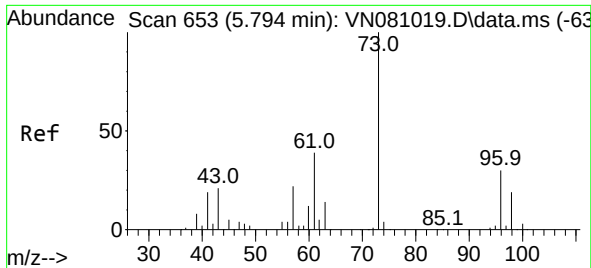
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#18
Methyl Acetate
Concen: 48.334 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Tgt Ion: 43 Resp: 385140
Ion Ratio Lower Upper
43 100
74 24.6 17.3 25.9





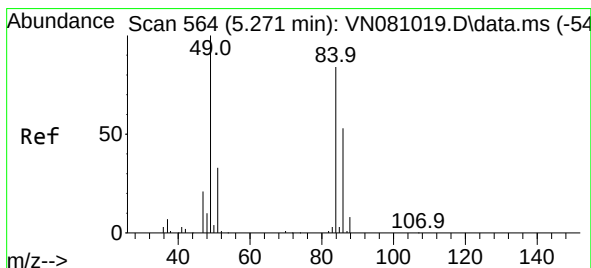
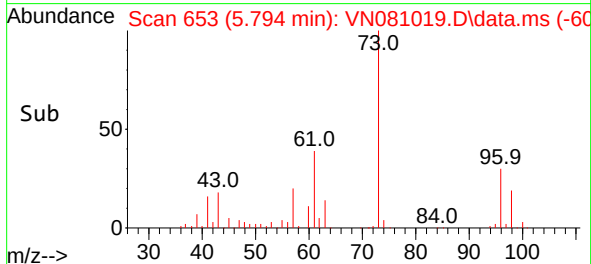
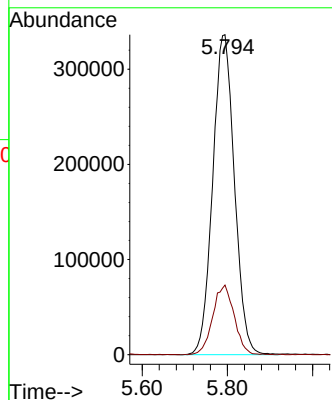
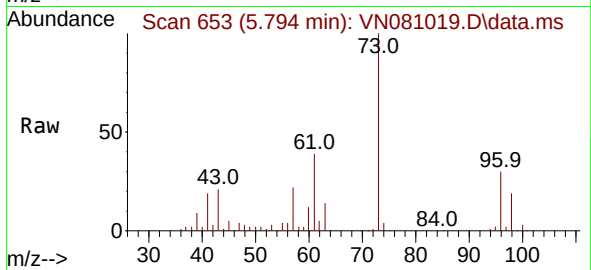
#19
Methyl tert-butyl Ether
Concen: 49.783 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 118955
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.4

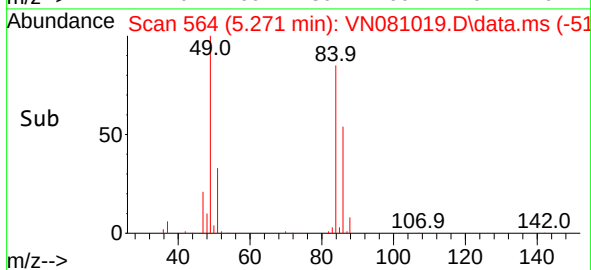
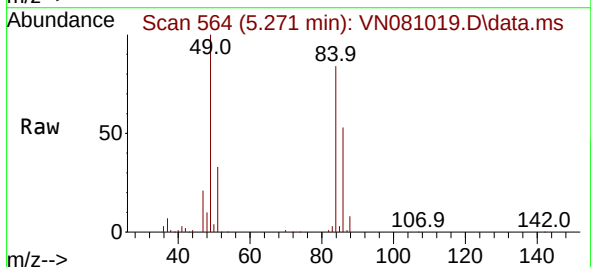
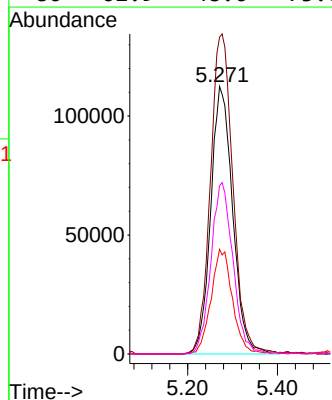
Manual Integrations
APPROVED

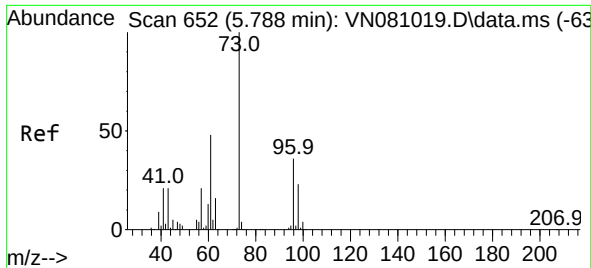
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#20
Methylene Chloride
Concen: 48.617 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

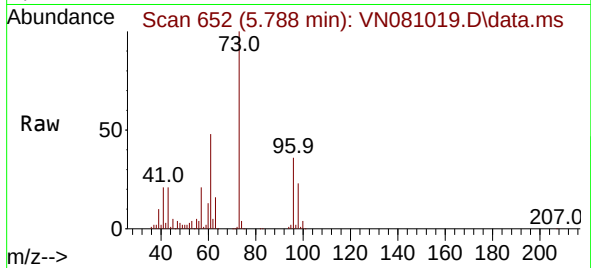
Tgt Ion: 84 Resp: 383119
Ion Ratio Lower Upper
84 100
49 118.4 108.1 162.1
51 39.1 32.9 49.3
86 62.9 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 48.856 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

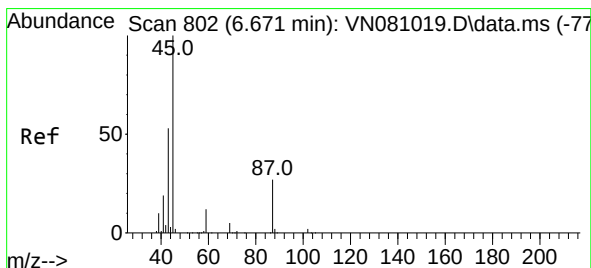
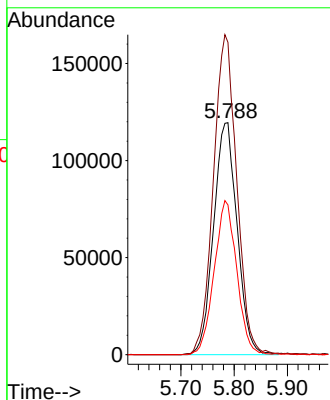
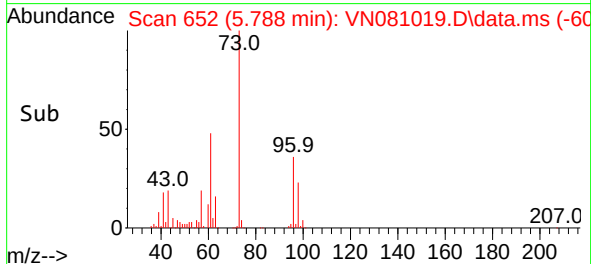
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 367815
Ion Ratio Lower Upper
96 100
61 134.6 112.8 169.2
98 64.5 51.0 76.4

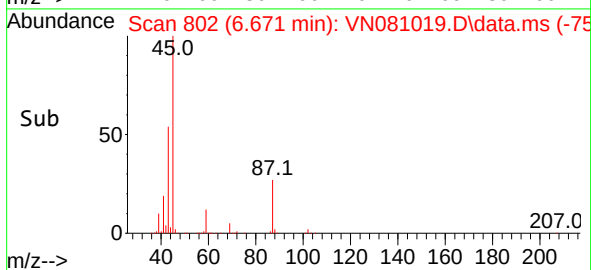
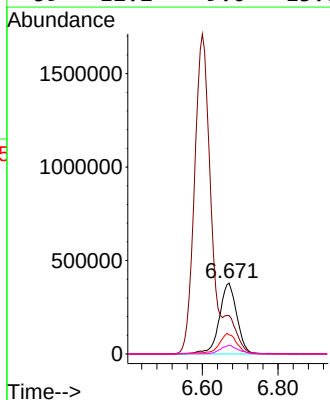
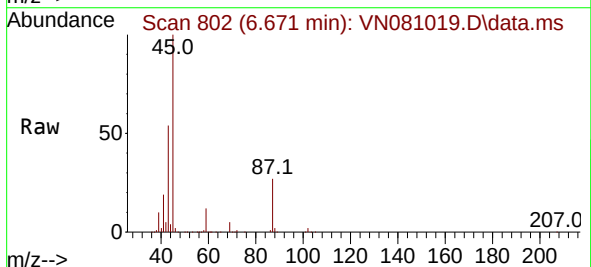
Manual Integrations
APPROVED

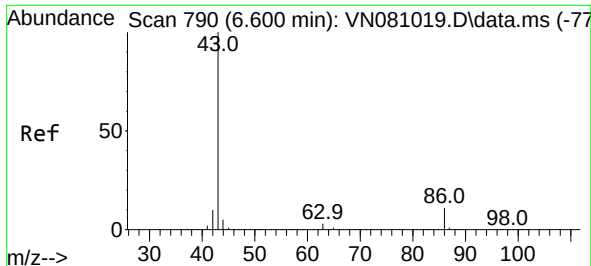
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#22
Diisopropyl ether
Concen: 49.885 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Tgt Ion: 45 Resp: 1216832
Ion Ratio Lower Upper
45 100
43 53.6 41.8 62.8
87 26.8 18.1 27.1
59 12.2 9.0 13.6





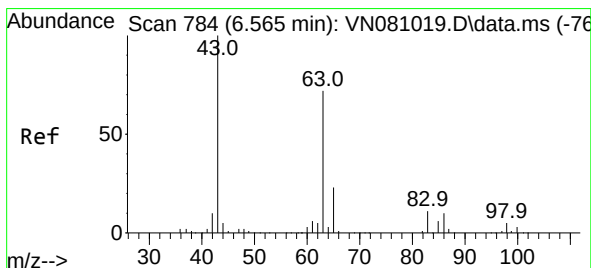
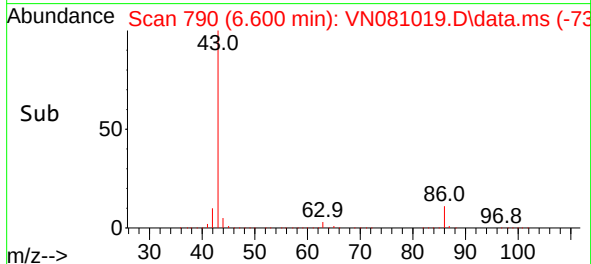
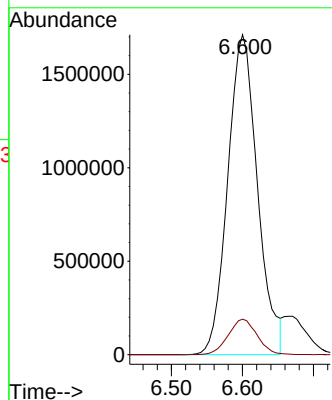
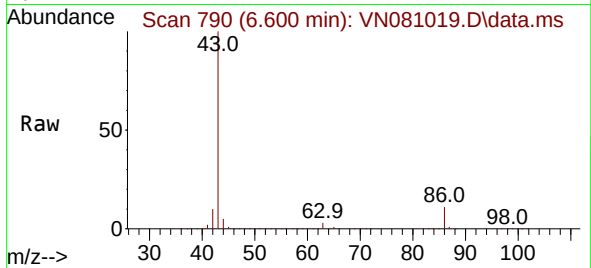
#23
 Vinyl Acetate
 Concen: 253.601 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081019.D
 Acq: 14 Feb 2024 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 4984938
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7

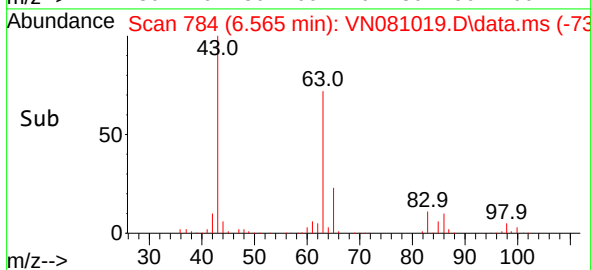
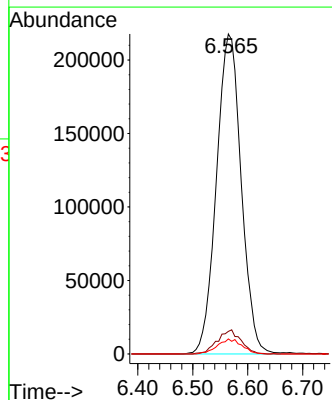
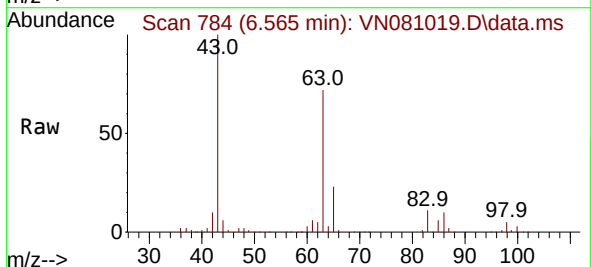
Manual Integrations
 APPROVED

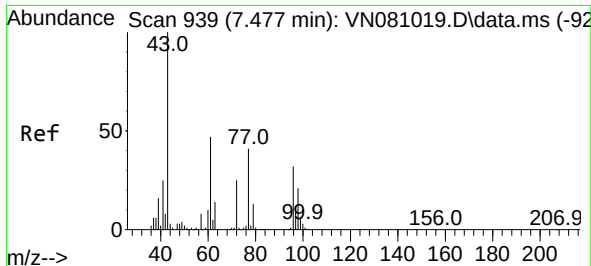
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#24
 1,1-Dichloroethane
 Concen: 50.072 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081019.D
 Acq: 14 Feb 2024 12:14

Tgt Ion: 63 Resp: 681106
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.9 8.6
 100 4.7 1.9 5.7





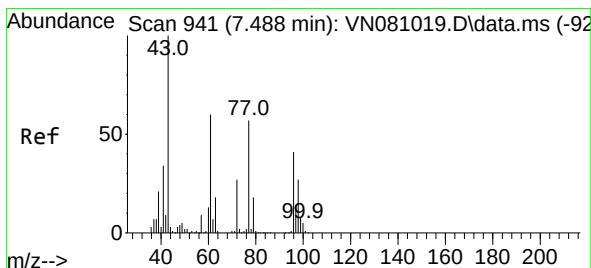
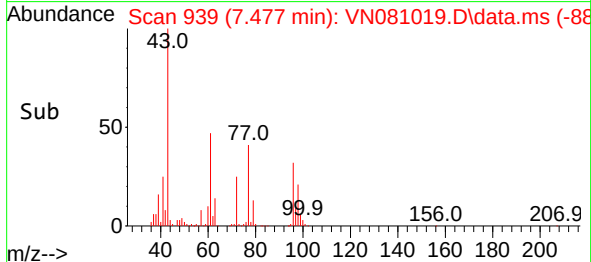
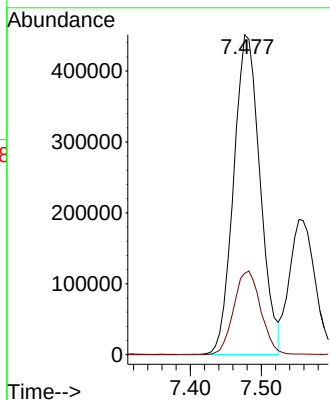
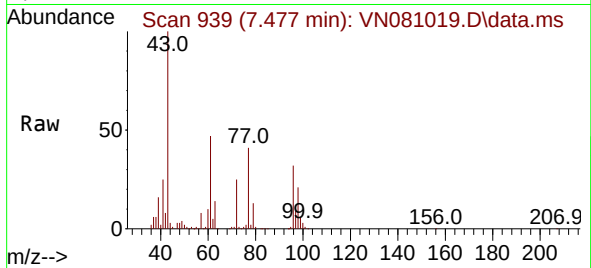
#25
2-Butanone
Concen: 238.294 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 117039
Ion Ratio Lower Upper
43 100
72 25.5 19.5 29.3

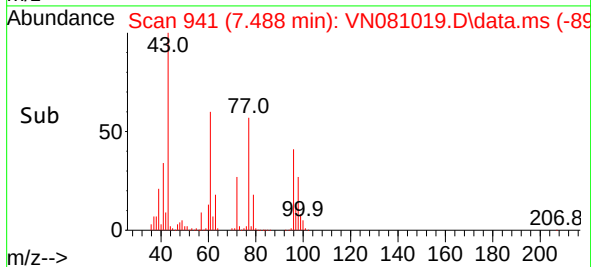
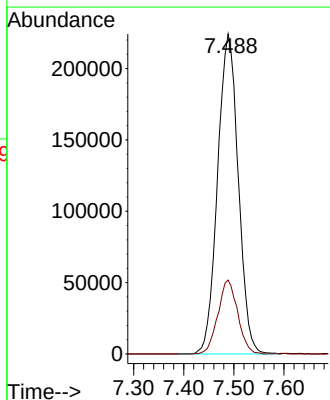
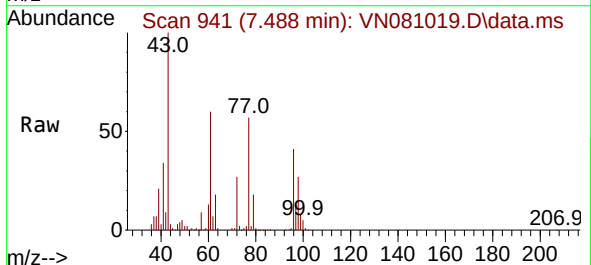
Manual Integrations
APPROVED

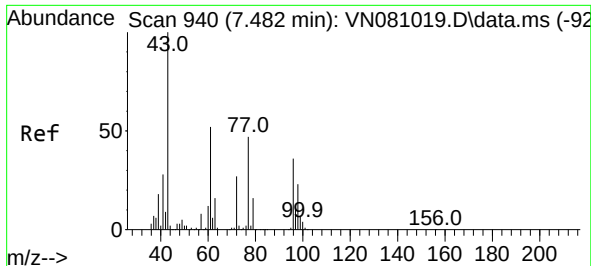
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#26
2,2-Dichloropropane
Concen: 51.320 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Tgt Ion: 77 Resp: 642471
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5





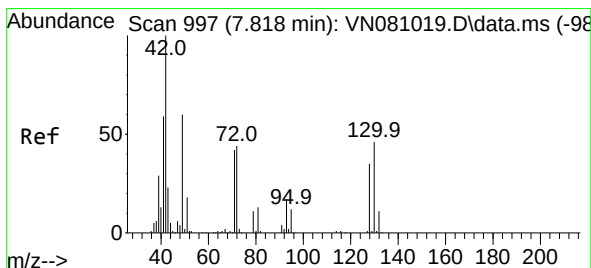
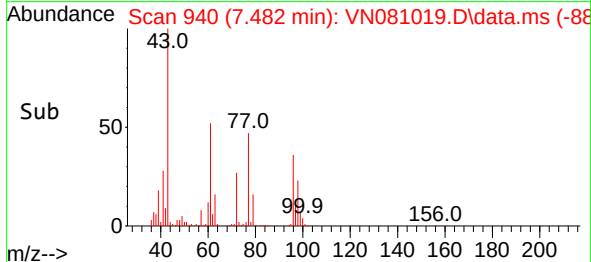
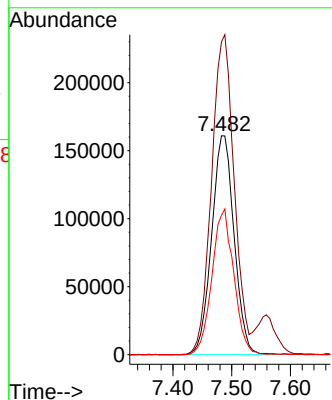
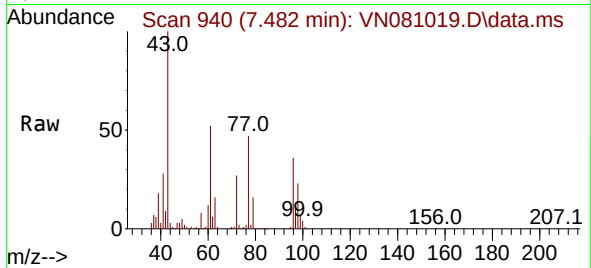
#27
 cis-1,2-Dichloroethene
 Concen: 49.233 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN081019.D
 Acq: 14 Feb 2024 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 428360
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 325.4
 98 64.5 0.0 130.4

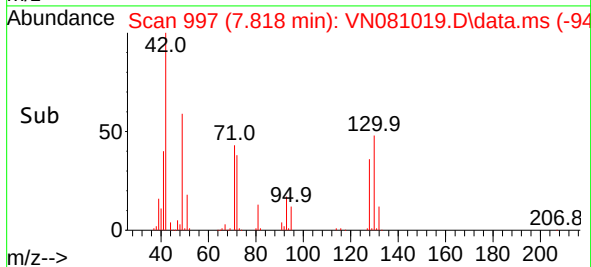
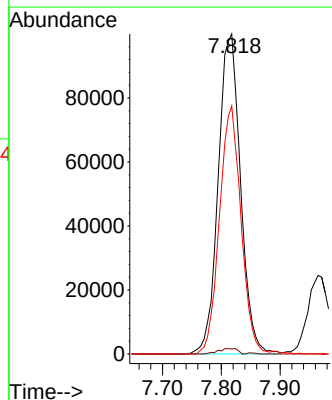
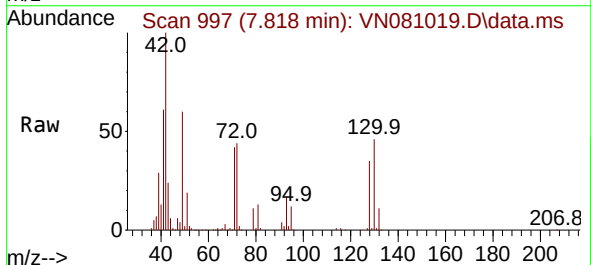
Manual Integrations
 APPROVED

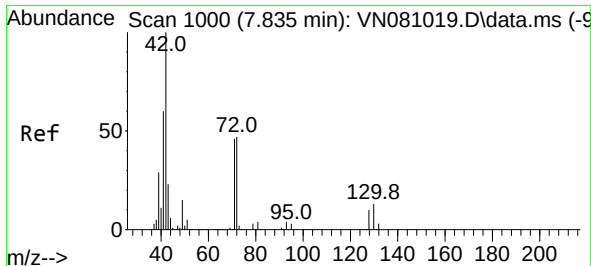
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#28
 Bromochloromethane
 Concen: 48.102 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN081019.D
 Acq: 14 Feb 2024 12:14

Tgt Ion: 49 Resp: 264156
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 1.6
 130 74.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 243.920 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 769939

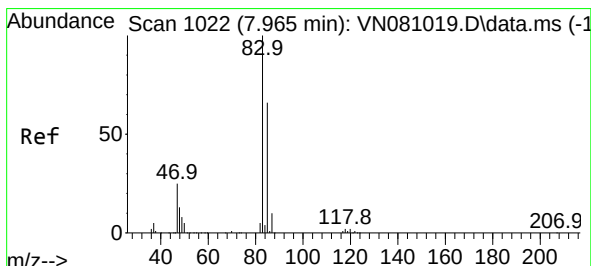
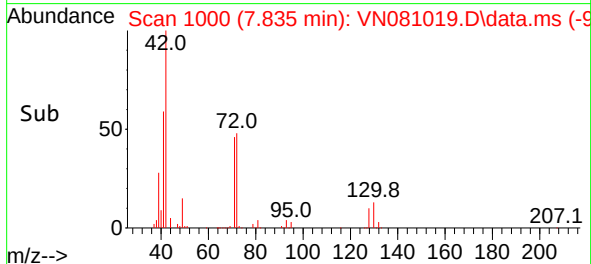
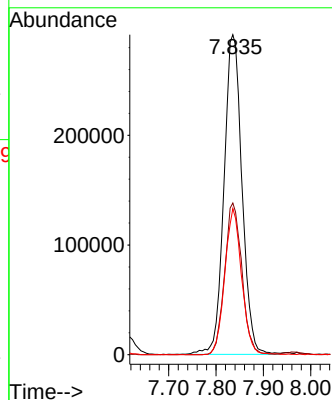
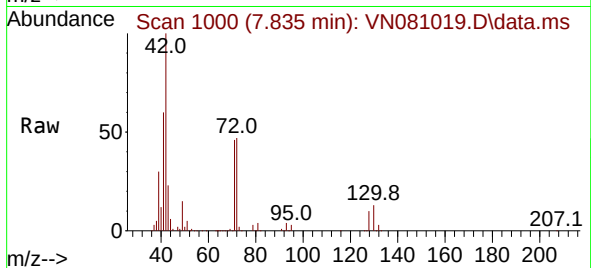
Ion	Ratio	Lower	Upper
42	100		
72	45.6	31.1	46.7
71	42.9	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#30

Chloroform

Concen: 48.767 ug/l

RT: 7.965 min Scan# 1022

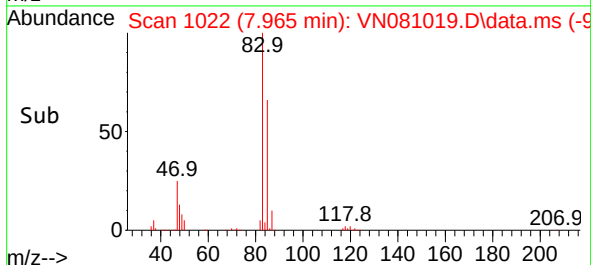
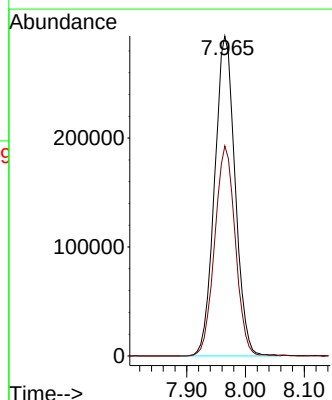
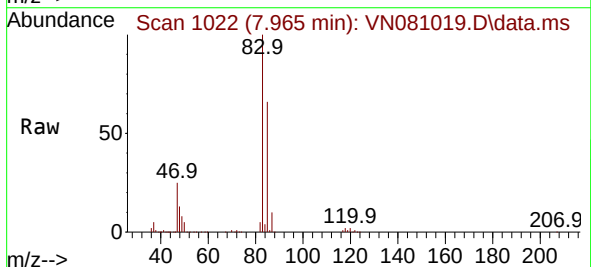
Delta R.T. 0.000 min

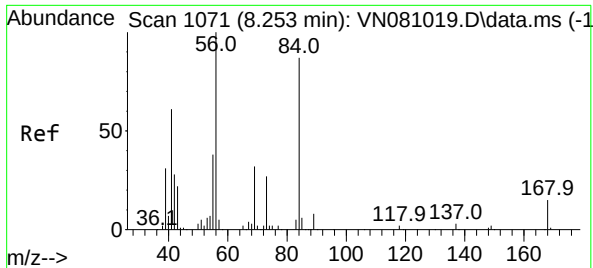
Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

Tgt Ion: 83 Resp: 711904

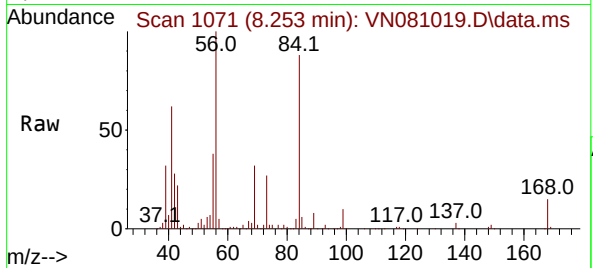
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.0	76.6





#31
Cyclohexane
Concen: 46.026 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

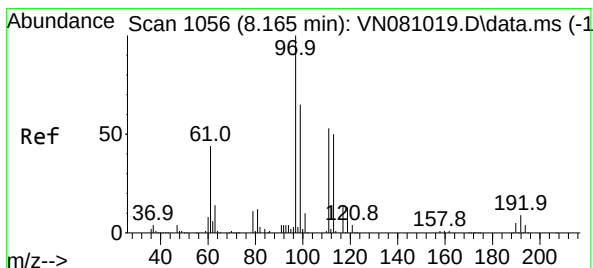
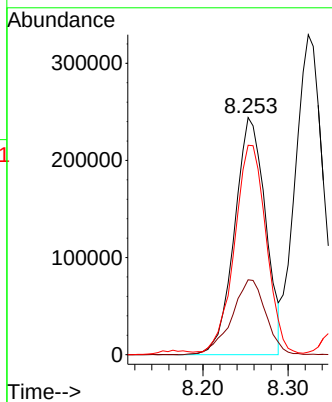
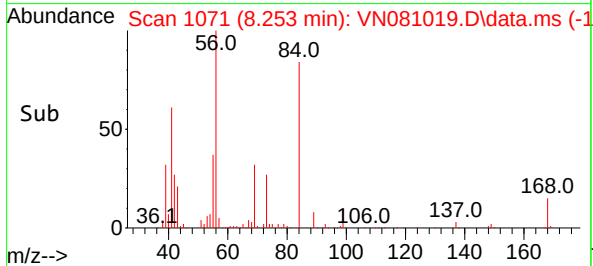
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



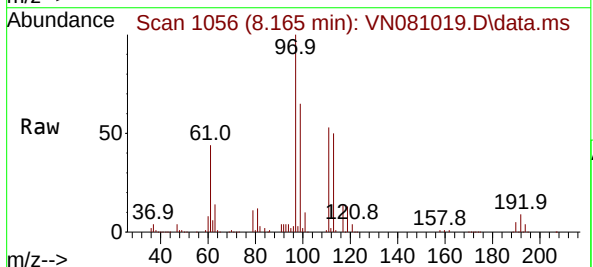
Tgt Ion: 56 Resp: 61793
Ion Ratio Lower Upper
56 100
69 31.6 20.1 30.1
84 86.9 56.9 85.3

Manual Integrations
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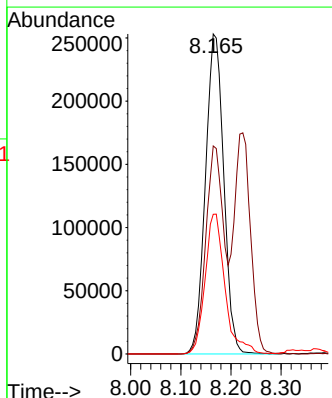
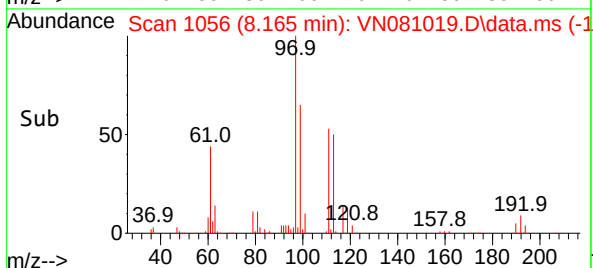
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

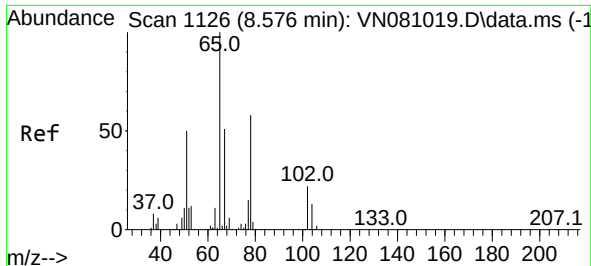


#32
1,1,1-Trichloroethane
Concen: 49.754 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14



Tgt Ion: 97 Resp: 641344
Ion Ratio Lower Upper
97 100
99 63.4 53.4 80.0
61 47.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 48.600 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 37560

Ion Ratio Lower Upper

65 100

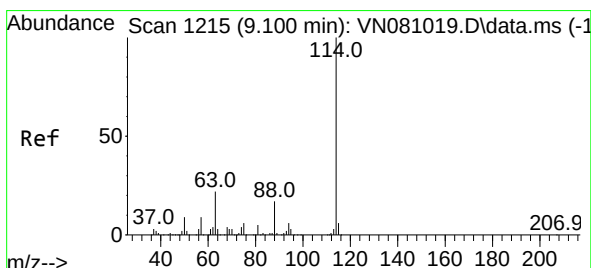
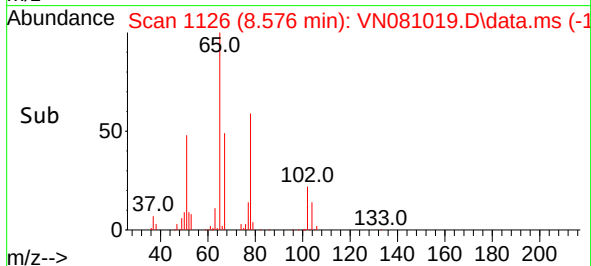
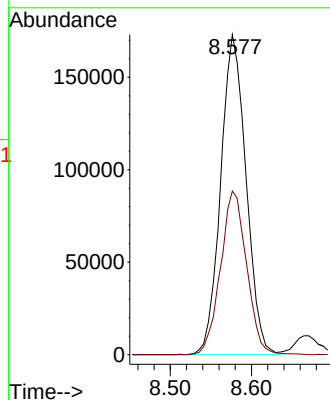
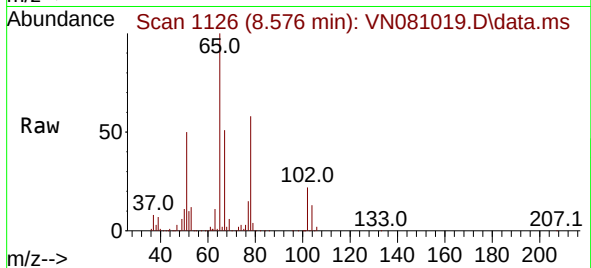
67 52.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

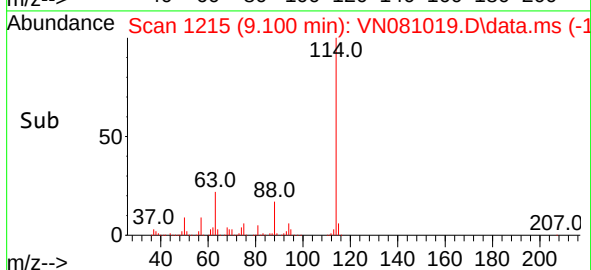
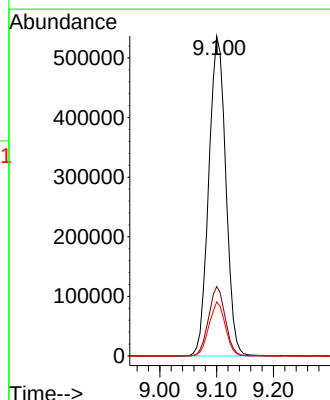
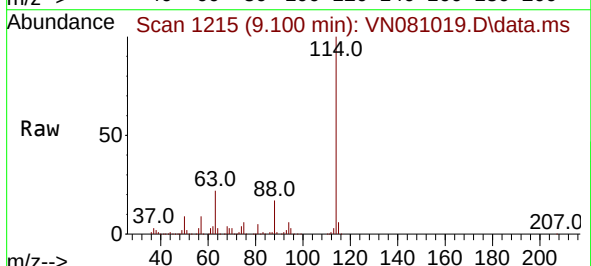
Tgt Ion:114 Resp: 1113140

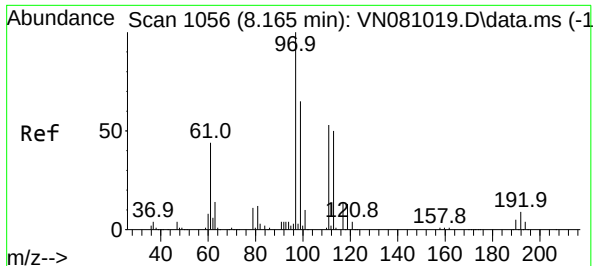
Ion Ratio Lower Upper

114 100

63 21.7 0.0 48.0

88 16.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.084 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 31326

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

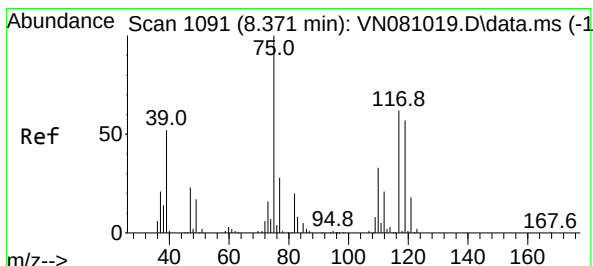
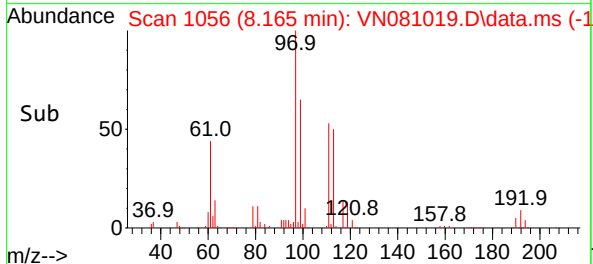
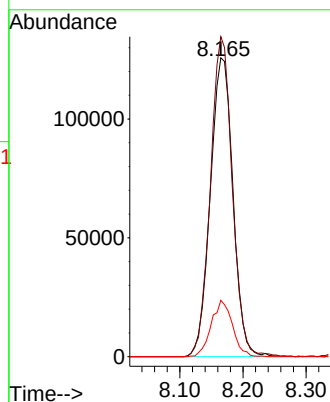
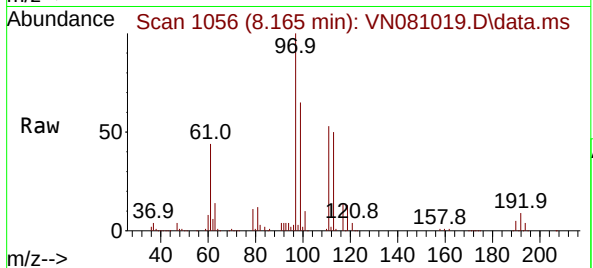
192 17.7 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#36

1,1-Dichloropropene

Concen: 50.770 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

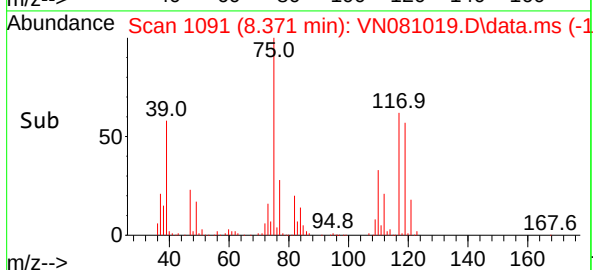
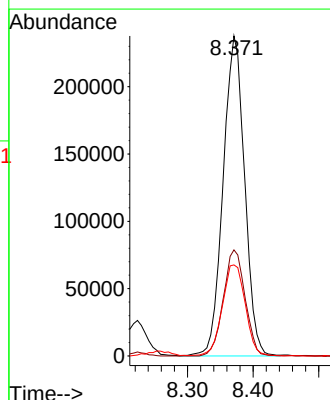
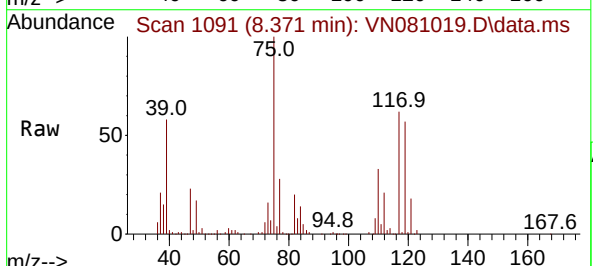
Tgt Ion: 75 Resp: 540634

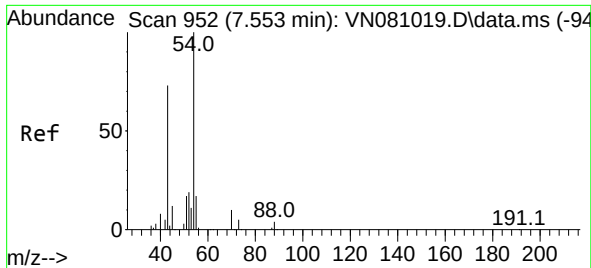
Ion Ratio Lower Upper

75 100

110 33.5 16.0 48.0

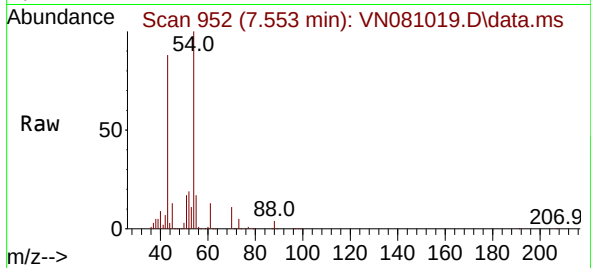
77 30.3 25.8 38.6





#37
Ethyl Acetate
Concen: 50.296 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

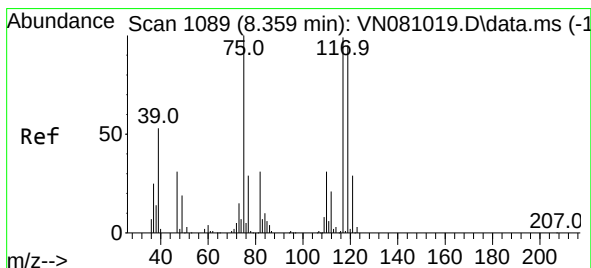
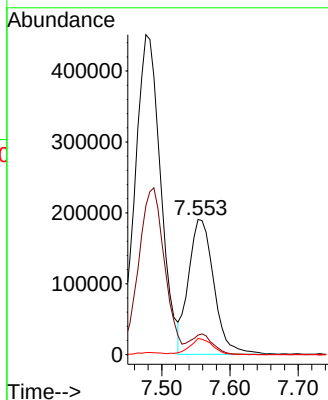
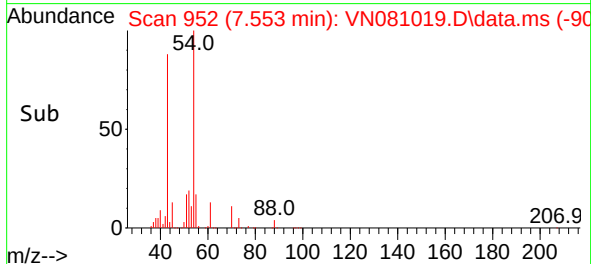
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 48993
Ion Ratio Lower Upper
43 100
61 13.1 10.6 15.8
70 10.8 8.0 12.0

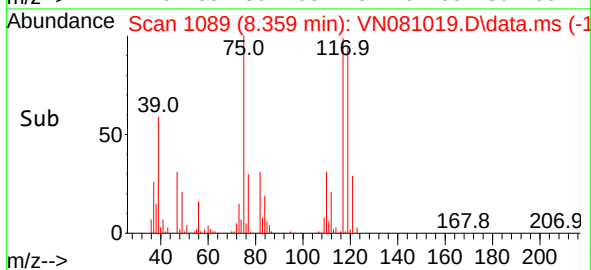
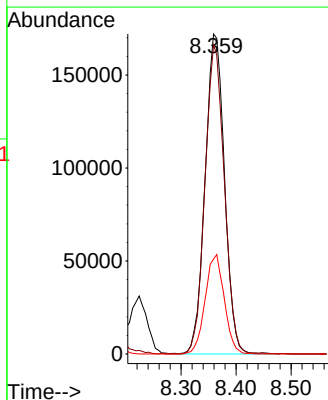
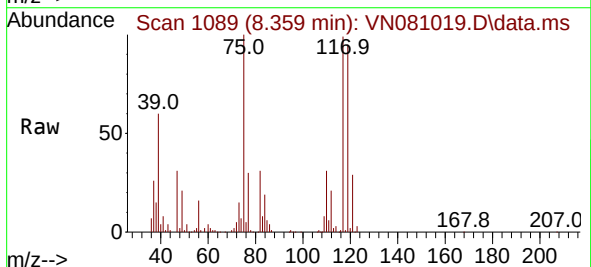
Manual Integrations
APPROVED

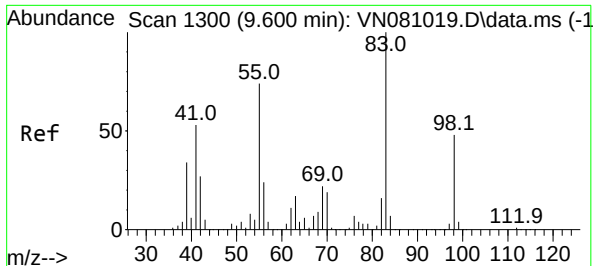
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#38
Carbon Tetrachloride
Concen: 54.153 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

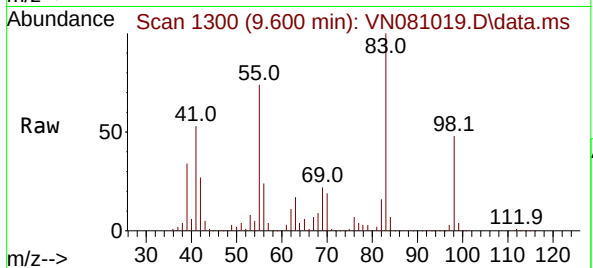
Tgt Ion:117 Resp: 422089
Ion Ratio Lower Upper
117 100
119 96.5 73.4 110.2
121 29.6 24.4 36.6





#39
Methylcyclohexane
Concen: 51.491 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

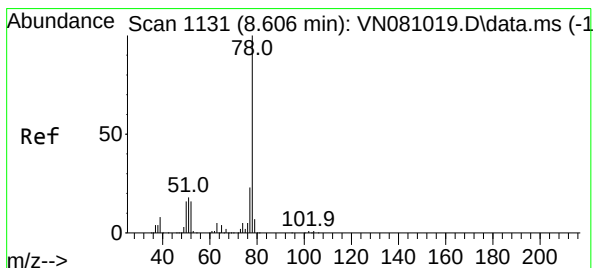
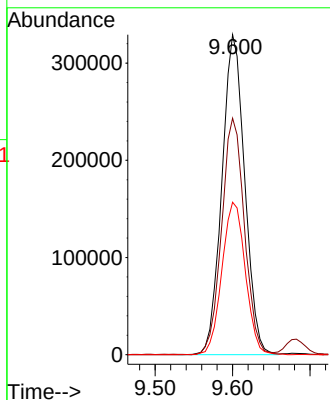
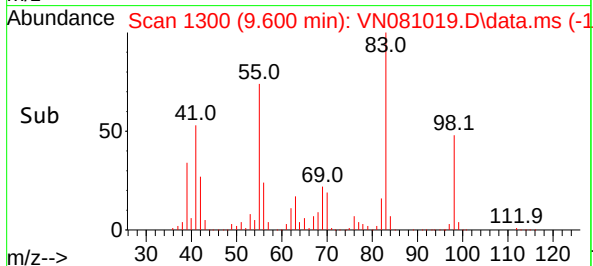
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 674572
Ion Ratio Lower Upper
83 100
55 73.8 65.7 98.5
98 47.6 33.8 50.6

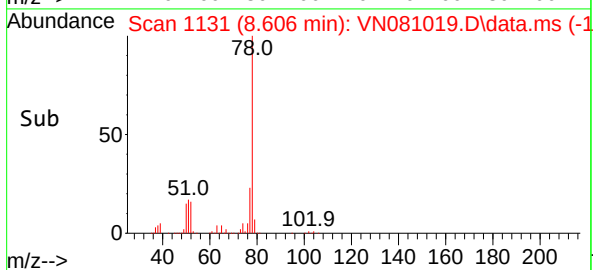
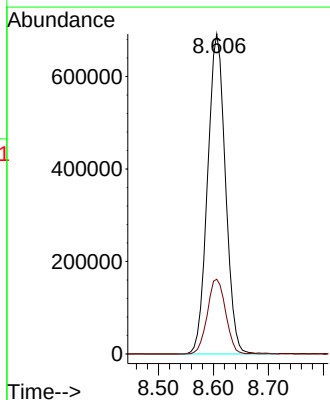
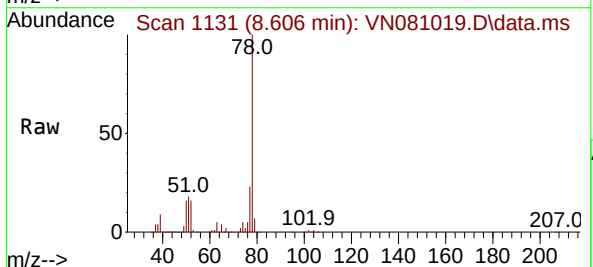
Manual Integrations
APPROVED

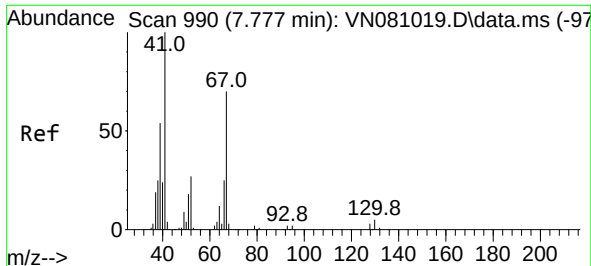
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#40
Benzene
Concen: 49.521 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

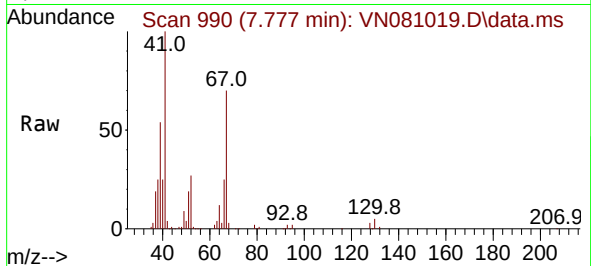
Tgt Ion: 78 Resp: 1559417
Ion Ratio Lower Upper
78 100
77 23.3 20.4 30.6





#41
Methacrylonitrile
Concen: 49.269 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

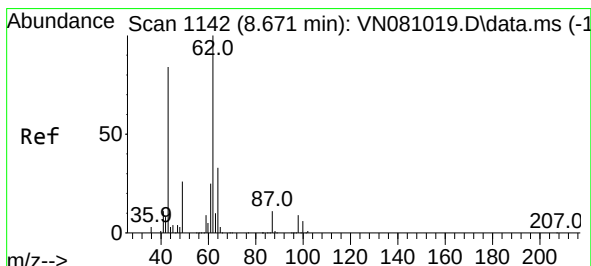
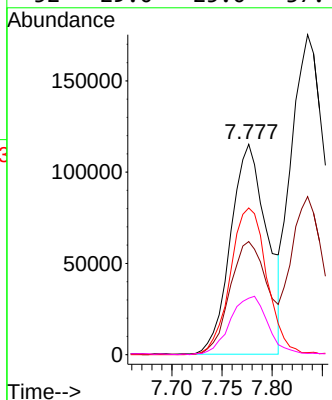
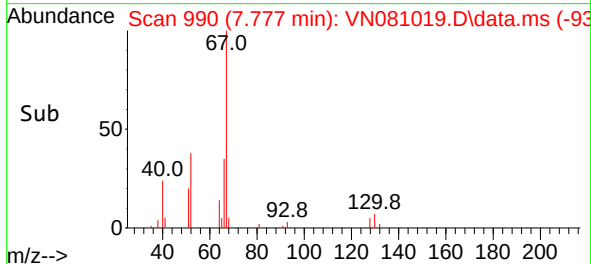
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 291330
Ion Ratio Lower Upper
41 100
39 56.0 48.4 72.6
67 70.3 56.8 85.2
52 29.0 25.0 37.4

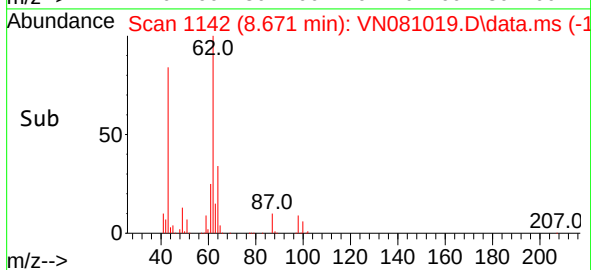
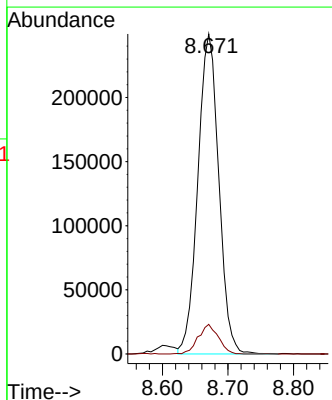
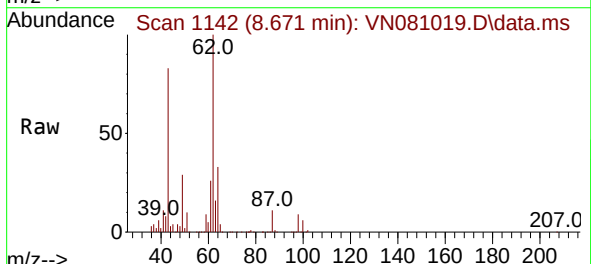
Manual Integrations
APPROVED

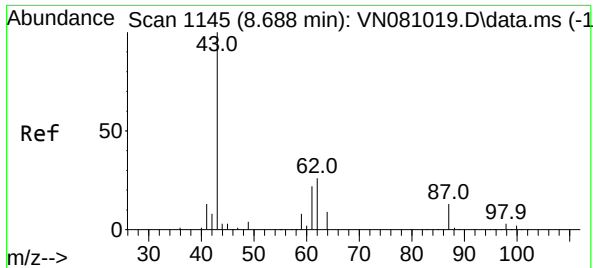
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#42
1,2-Dichloroethane
Concen: 49.620 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Tgt Ion: 62 Resp: 554639
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.0





#43

Isopropyl Acetate

Concen: 48.870 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

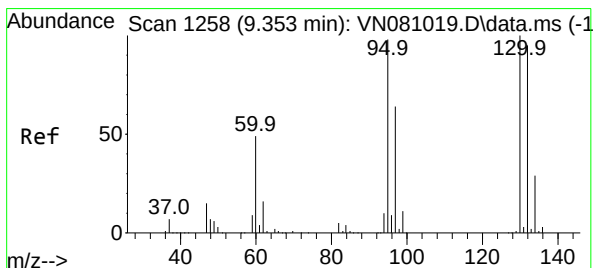
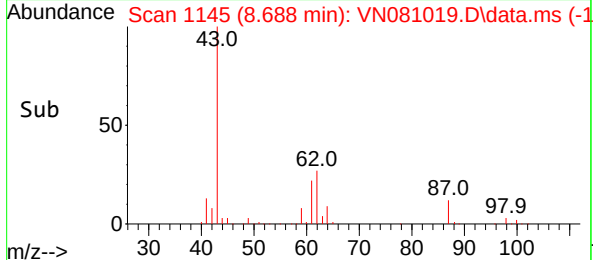
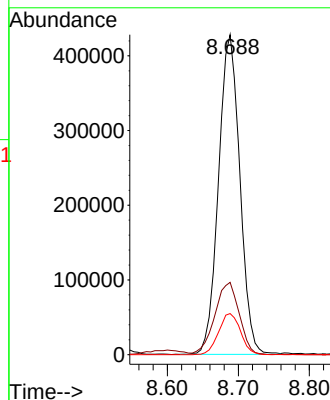
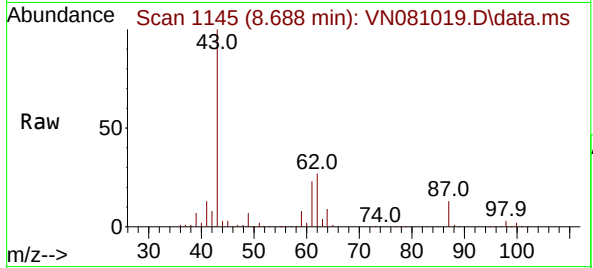
Tgt Ion: 43	Resp: 891879
Ion Ratio	Lower Upper
43	100
61	25.9 19.9 29.9
87	13.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#44

Trichloroethene

Concen: 49.090 ug/l

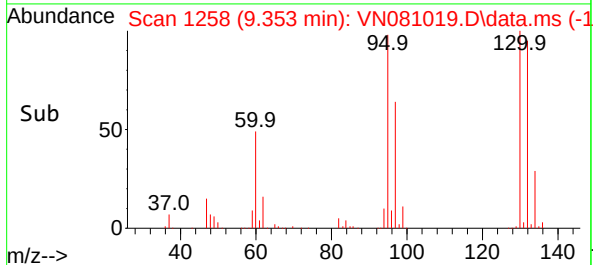
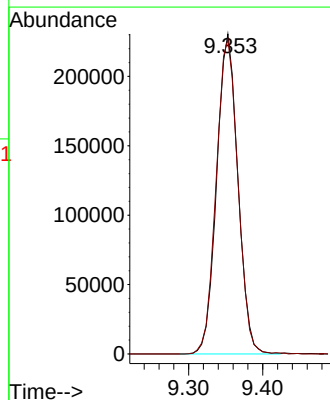
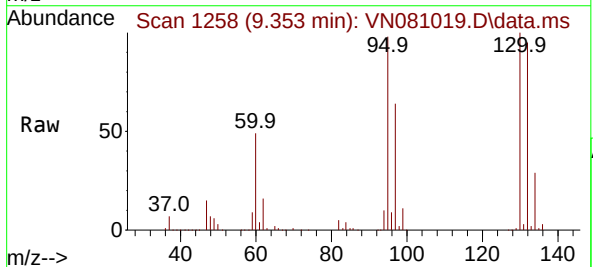
RT: 9.353 min Scan# 1258

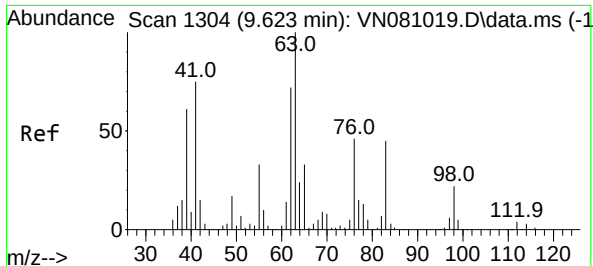
Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

Tgt Ion:130	Resp: 457856
Ion Ratio	Lower Upper
130	100
95	98.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 50.966 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 397000

Ion Ratio Lower Upper

63 100

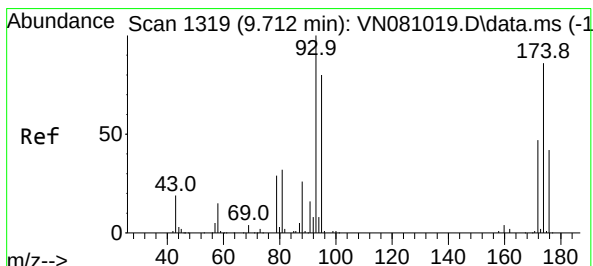
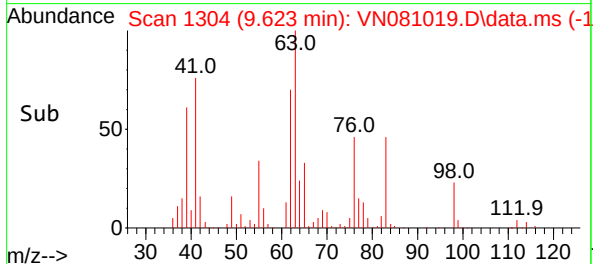
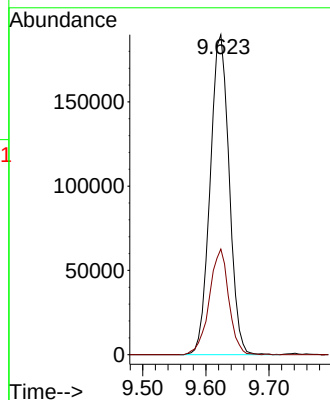
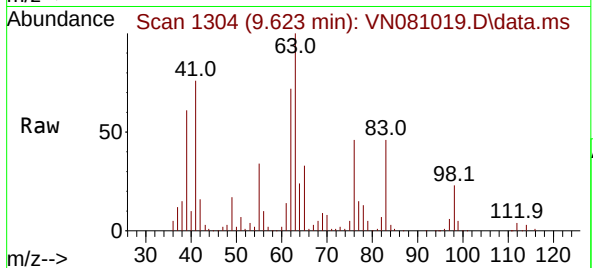
65 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#46

Dibromomethane

Concen: 49.651 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

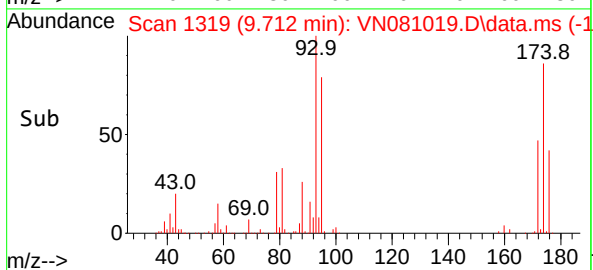
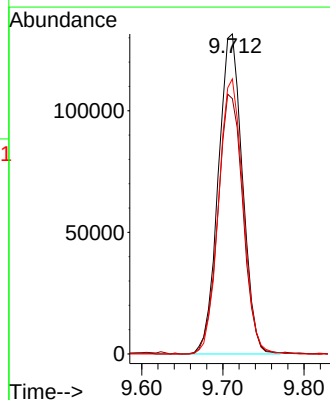
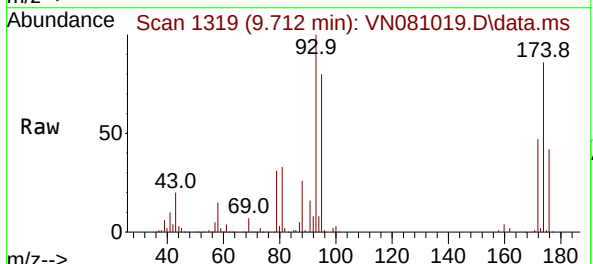
Tgt Ion: 93 Resp: 273003

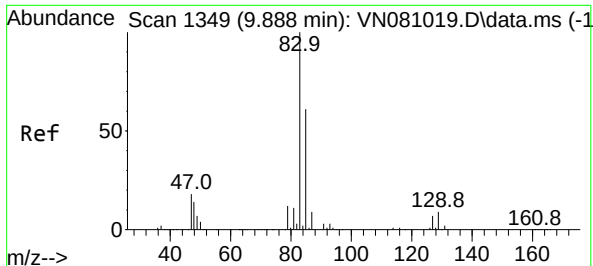
Ion Ratio Lower Upper

93 100

95 83.8 68.1 102.1

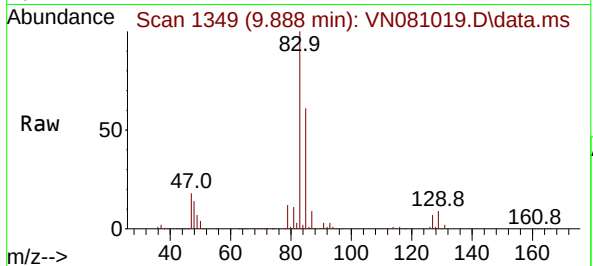
174 86.8 57.2 85.8





#47
Bromodichloromethane
Concen: 51.742 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

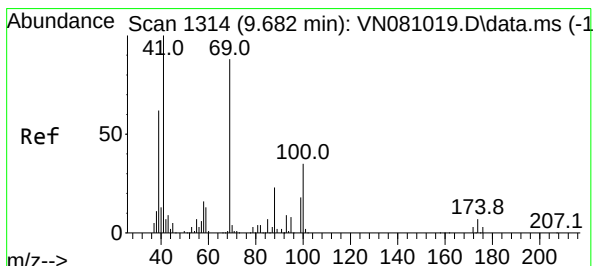
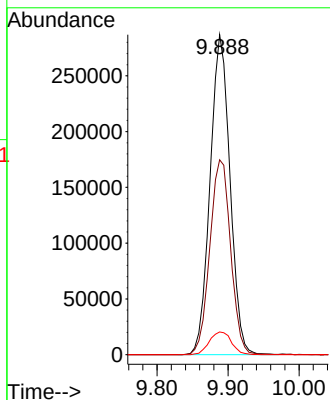
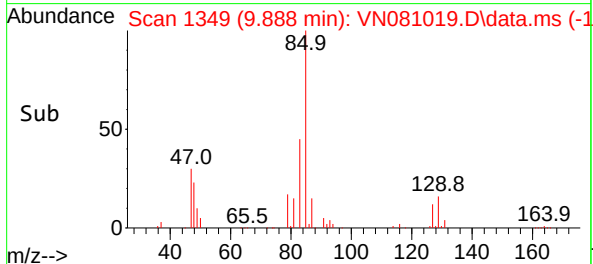
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



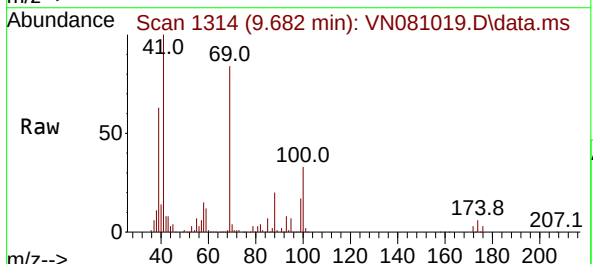
Tgt Ion: 83 Resp: 557578
Ion Ratio Lower Upper
83 100
85 60.9 52.3 78.5
127 7.1 4.6 7.0

Manual Integrations
APPROVED

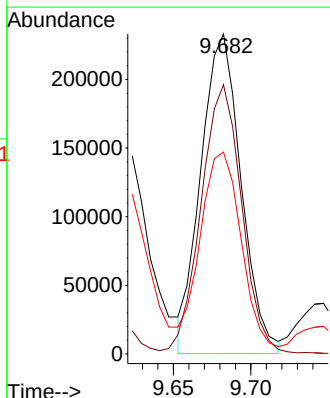
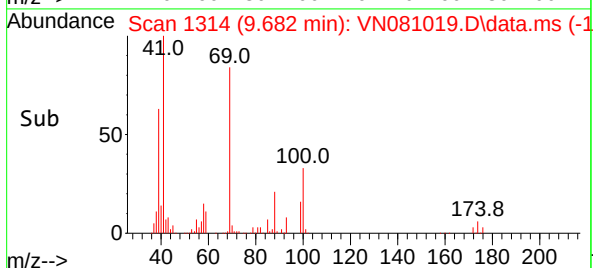
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

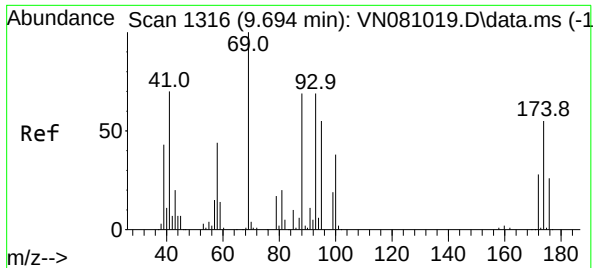


#48
Methyl methacrylate
Concen: 48.949 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14



Tgt Ion: 41 Resp: 420595
Ion Ratio Lower Upper
41 100
69 85.0 62.2 93.2
39 65.0 47.6 71.4





#49

1,4-Dioxane

Concen: 1056.263 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 154898

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1

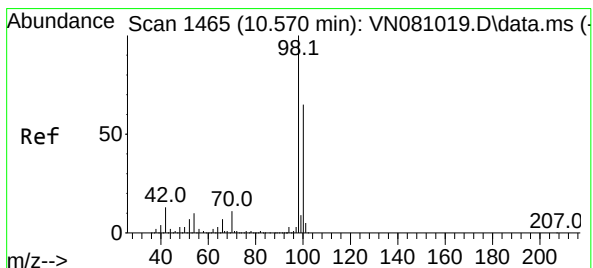
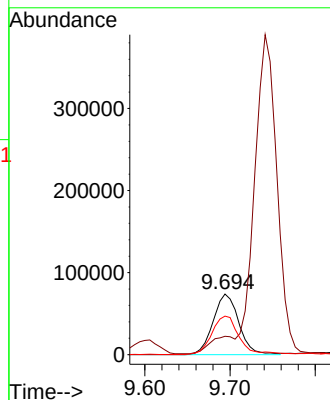
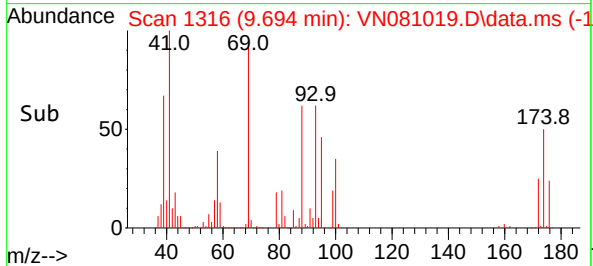
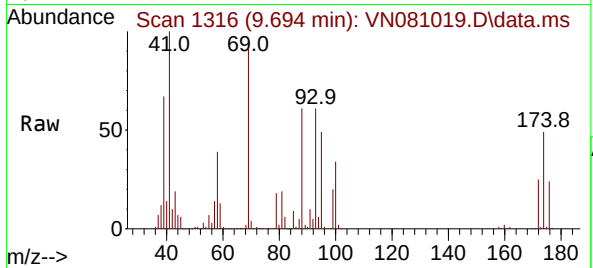
58 67.1 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#50

Toluene-d8

Concen: 49.448 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081019.D

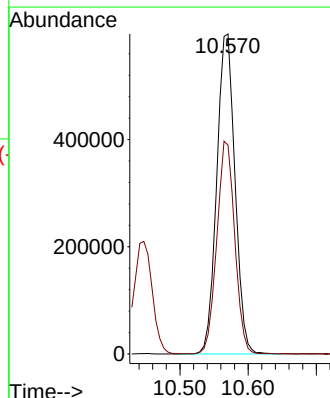
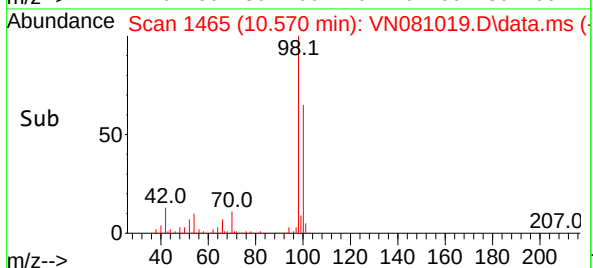
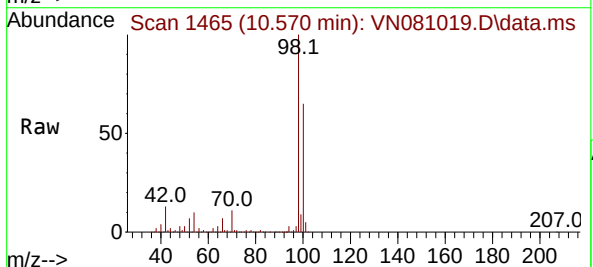
Acq: 14 Feb 2024 12:14

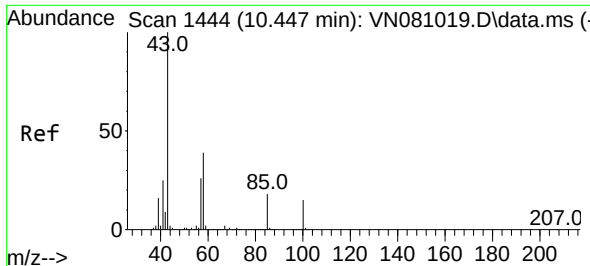
Tgt Ion: 98 Resp: 1112995

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0





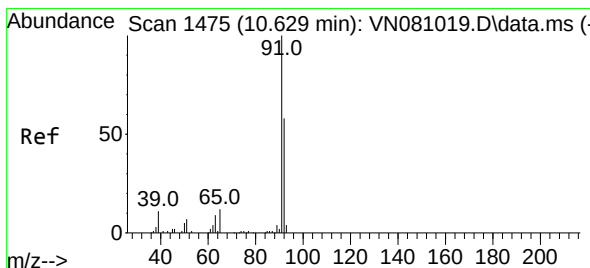
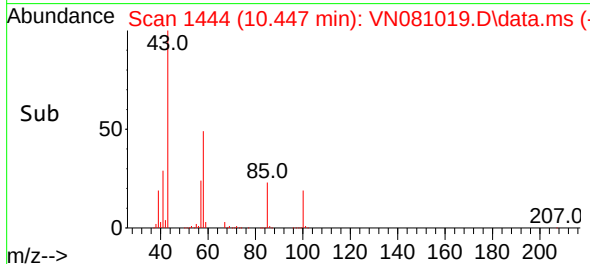
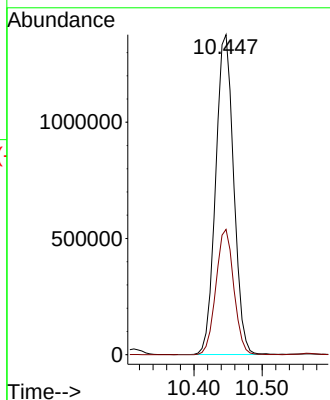
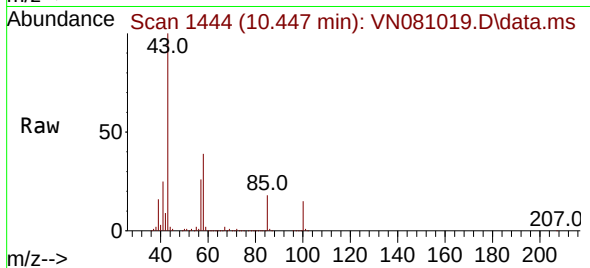
#51
4-Methyl-2-Pentanone
Concen: 248.953 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 2533800
Ion Ratio Lower Upper
43 100
58 38.9 29.4 44.0

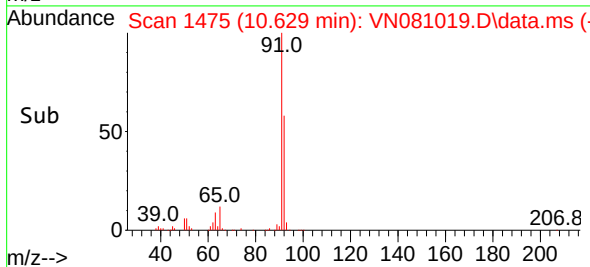
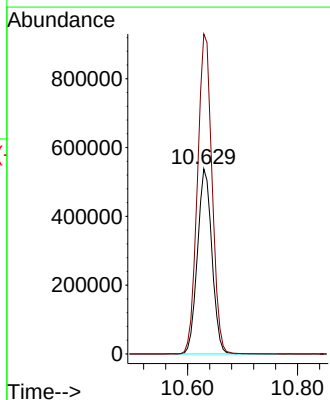
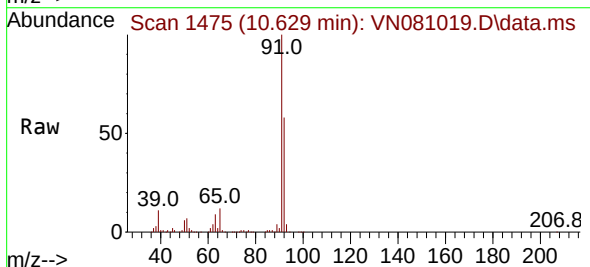
Manual Integrations
APPROVED

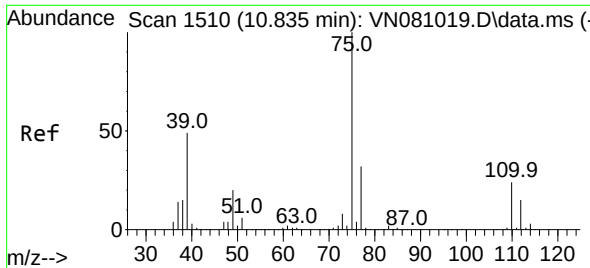
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#52
Toluene
Concen: 49.975 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

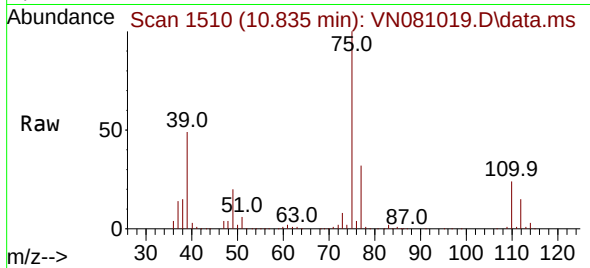
Tgt Ion: 92 Resp: 983036
Ion Ratio Lower Upper
92 100
91 174.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 51.073 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

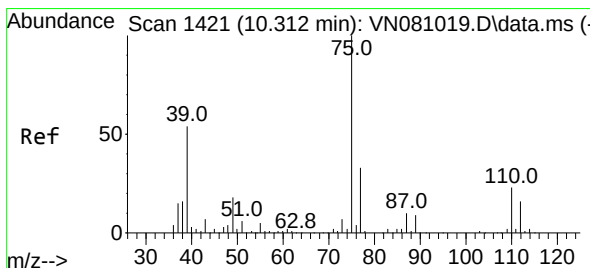
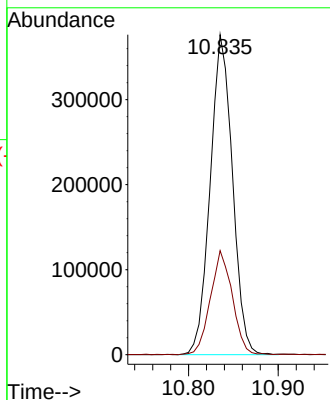
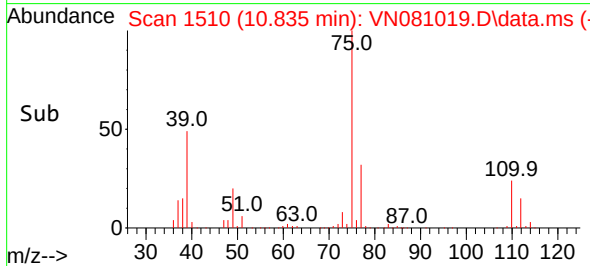
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



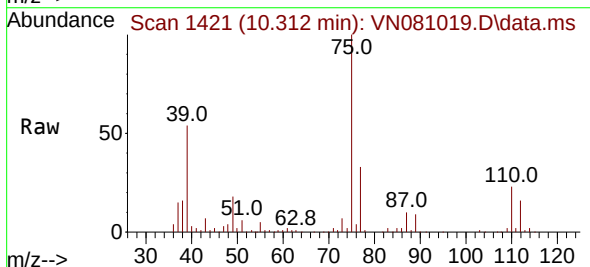
Tgt Ion: 75 Resp: 64841
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3

Manual Integrations
APPROVED

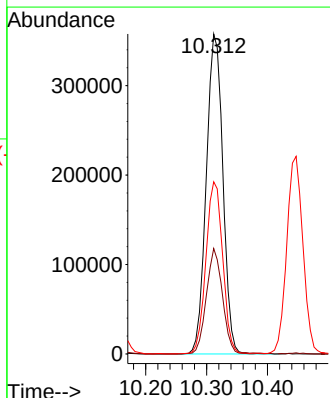
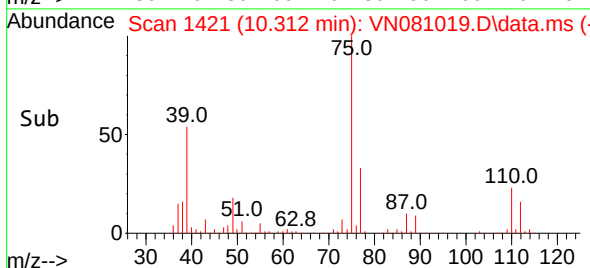
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

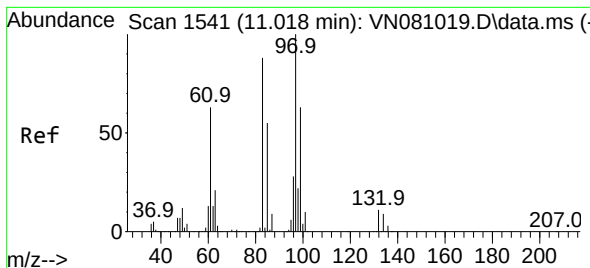


#54
cis-1,3-Dichloropropene
Concen: 50.545 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14



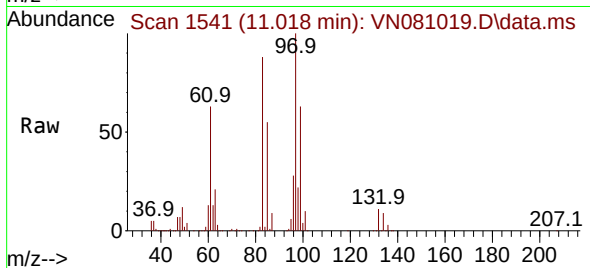
Tgt Ion: 75 Resp: 678656
Ion Ratio Lower Upper
75 100
77 33.0 23.3 34.9
39 53.7 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 50.614 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

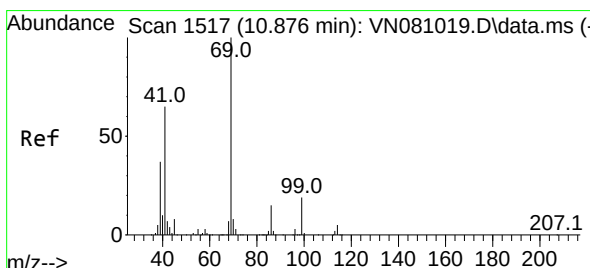
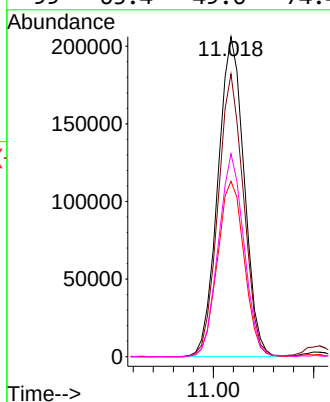
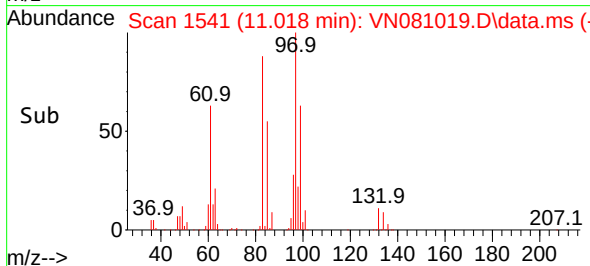
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



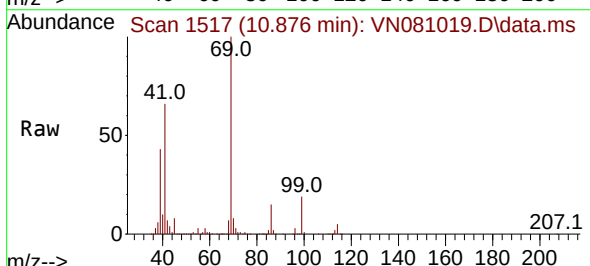
Tgt Ion: 97 Resp: 37439
Ion Ratio Lower Upper
97 100
83 88.3 72.9 109.3
85 54.8 50.2 75.2
99 63.4 49.6 74.4

Manual Integrations
APPROVED

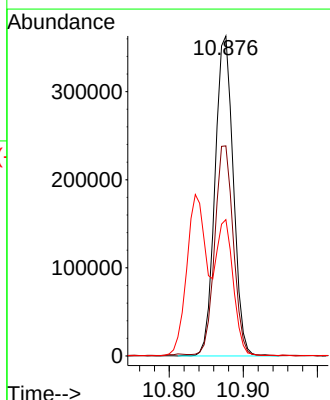
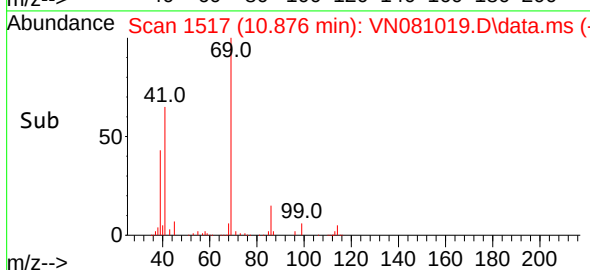
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

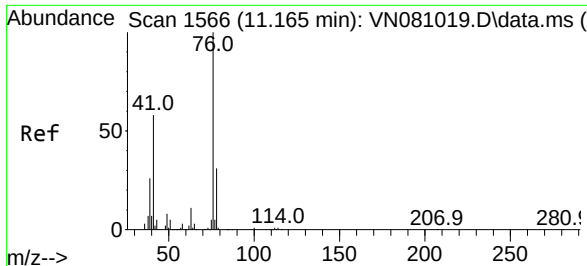


#56
Ethyl methacrylate
Concen: 51.360 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14



Tgt Ion: 69 Resp: 622059
Ion Ratio Lower Upper
69 100
41 66.6 61.0 91.6
39 37.5 31.8 47.6





#57

1,3-Dichloropropane

Concen: 50.830 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 67168

Ion Ratio Lower Upper

76 100

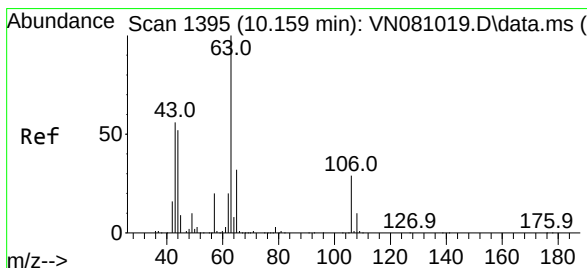
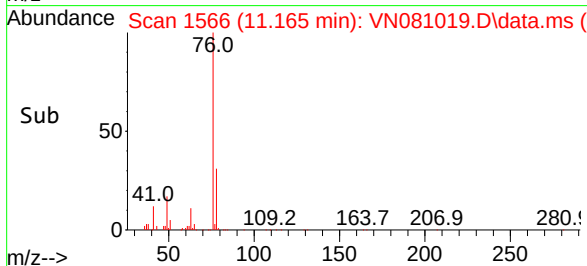
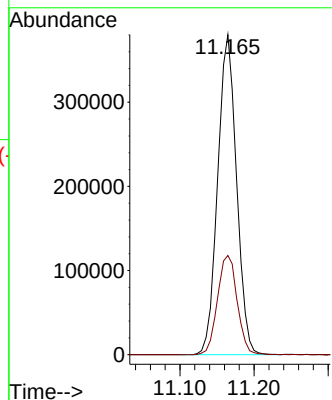
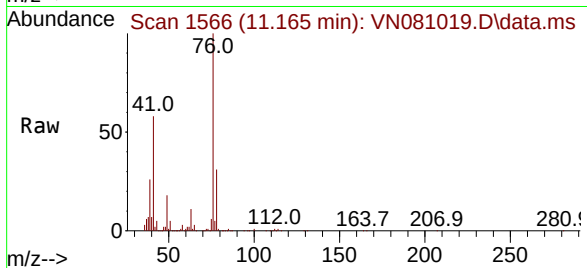
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 253.575 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081019.D

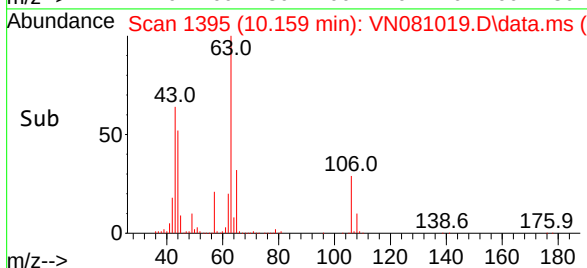
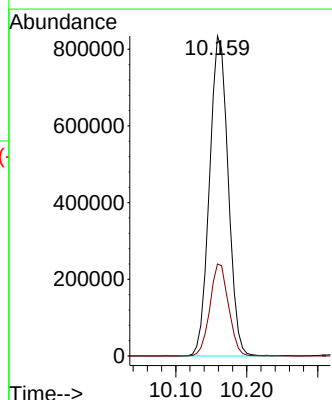
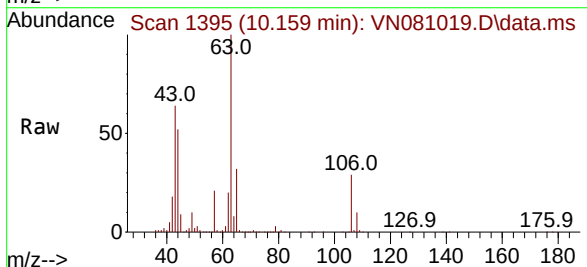
Acq: 14 Feb 2024 12:14

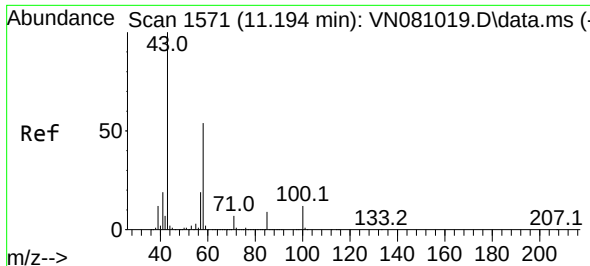
Tgt Ion: 63 Resp: 1523930

Ion Ratio Lower Upper

63 100

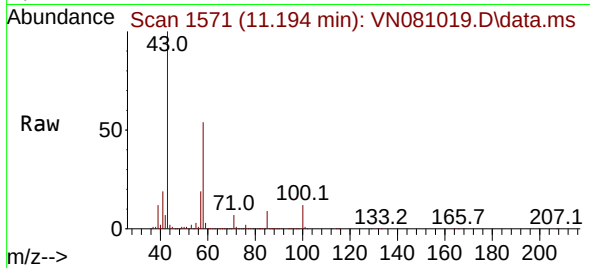
106 28.6 18.6 28.0#





#59
2-Hexanone
Concen: 249.429 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

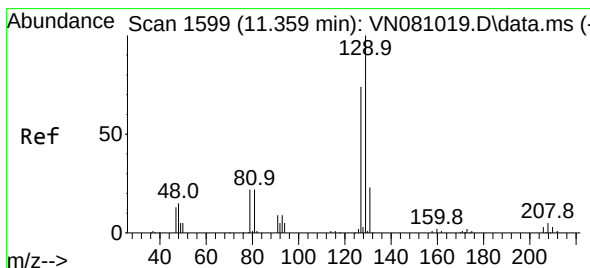
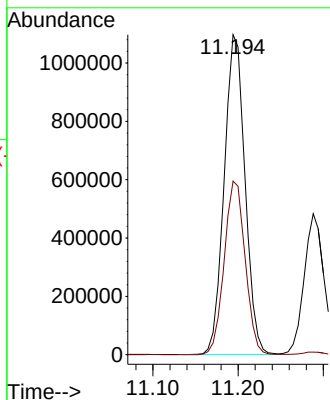
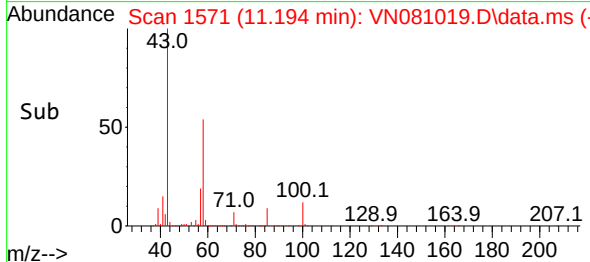
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 186442
Ion Ratio Lower Upper
43 100
58 54.5 25.9 77.8

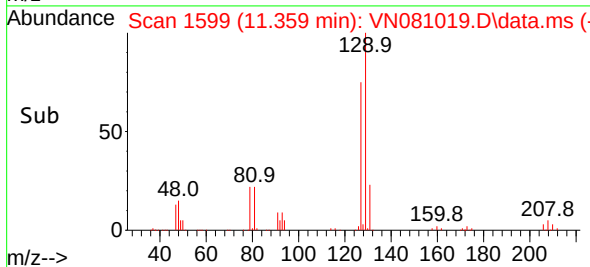
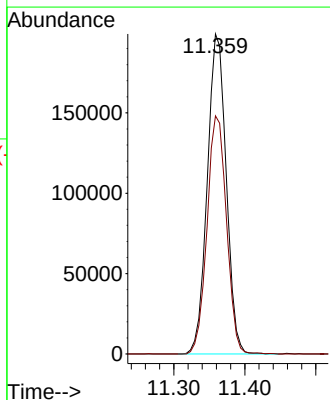
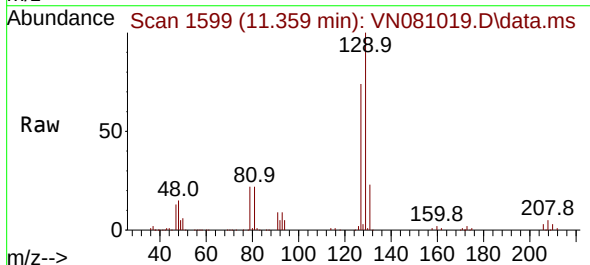
Manual Integrations
APPROVED

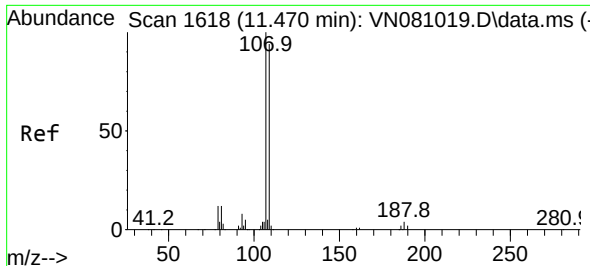
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#60
Dibromochloromethane
Concen: 52.377 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

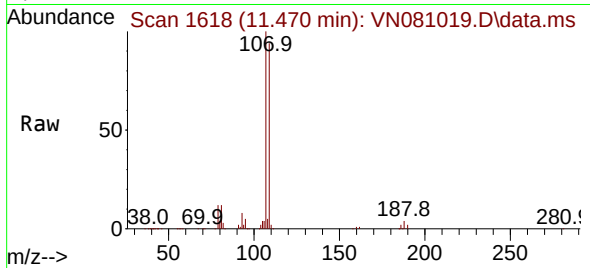
Tgt Ion:129 Resp: 368410
Ion Ratio Lower Upper
129 100
127 76.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 50.089 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

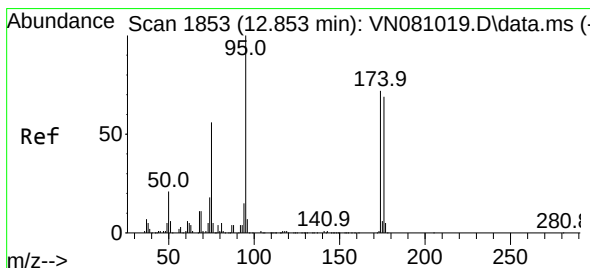
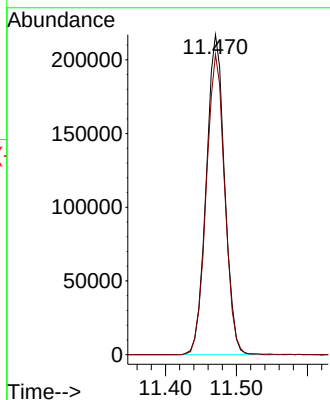
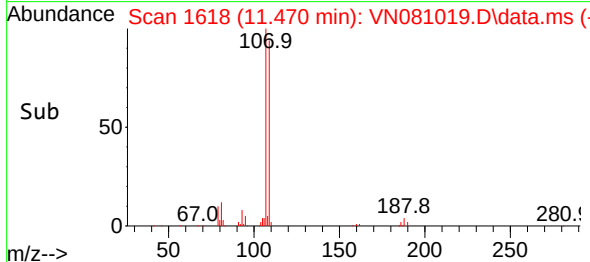
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 38958
Ion Ratio Lower Upper
107 100
109 94.4 73.4 110.2

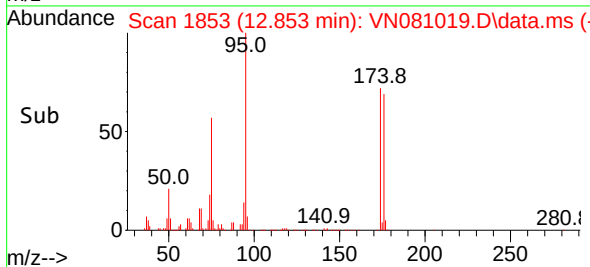
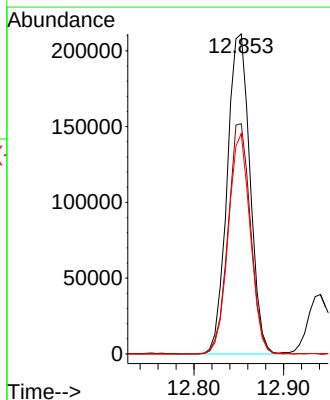
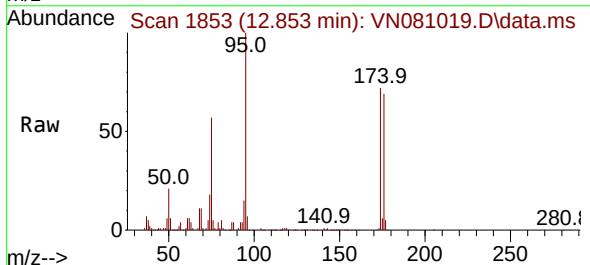
Manual Integrations
APPROVED

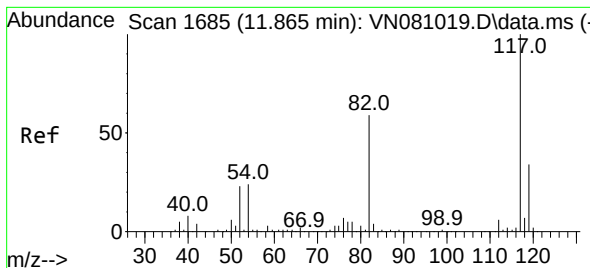
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#62
4-Bromofluorobenzene
Concen: 48.722 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Tgt Ion: 95 Resp: 372975
Ion Ratio Lower Upper
95 100
174 70.6 0.0 120.4
176 66.2 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:117 Resp: 955110

Ion Ratio Lower Upper

117 100

82 58.6 52.7 79.1

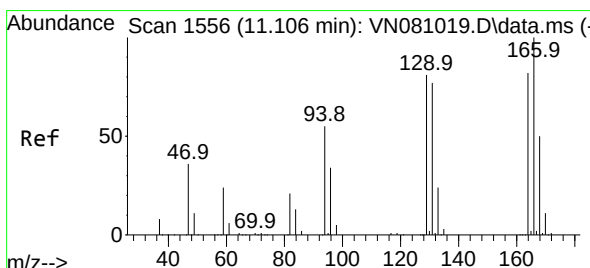
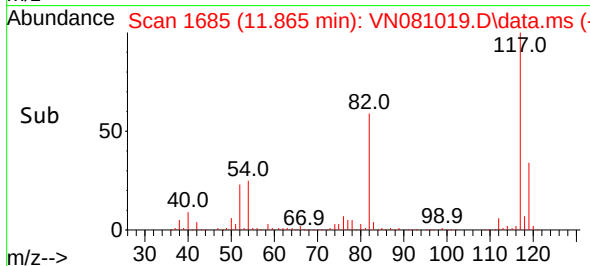
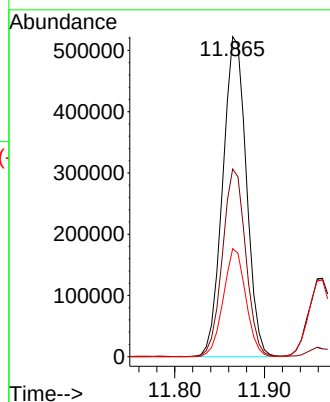
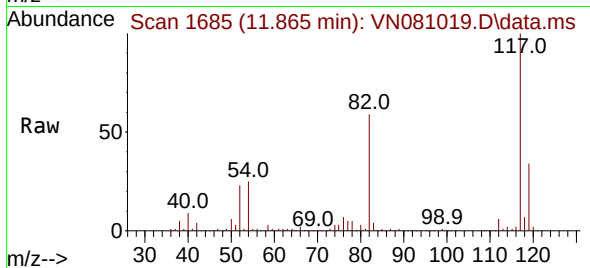
119 33.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#64

Tetrachloroethene

Concen: 50.444 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

Tgt Ion:164 Resp: 491179

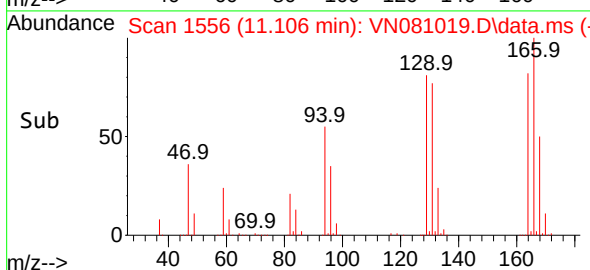
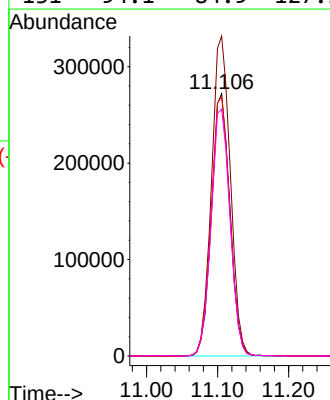
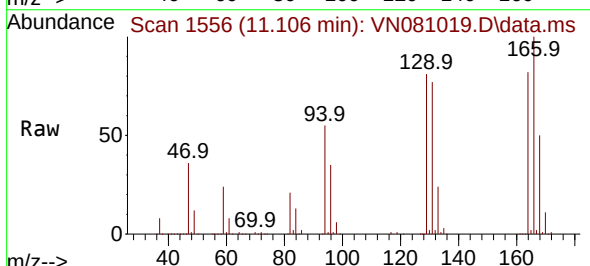
Ion Ratio Lower Upper

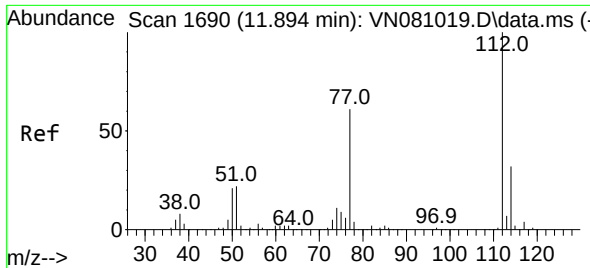
164 100

166 122.0 105.8 158.6

129 98.9 89.6 134.4

131 94.1 84.9 127.3





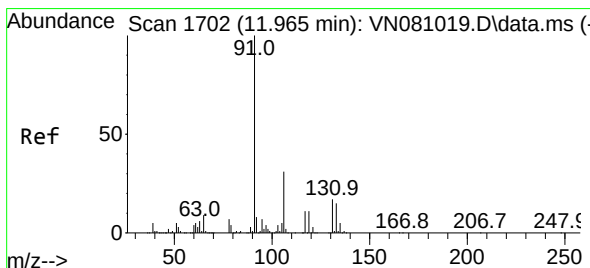
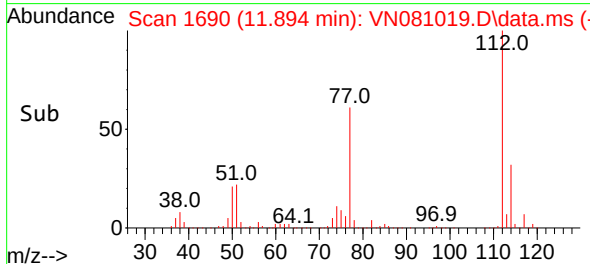
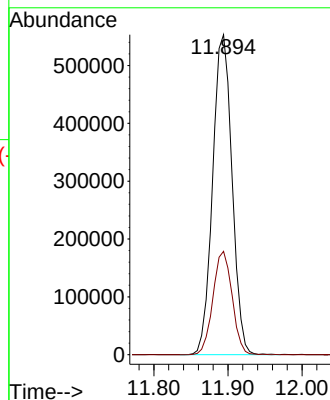
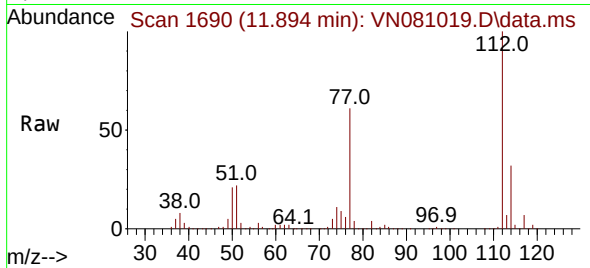
#65
Chlorobenzene
Concen: 50.085 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 1003099
Ion Ratio Lower Upper
112 100
114 32.3 23.7 35.5

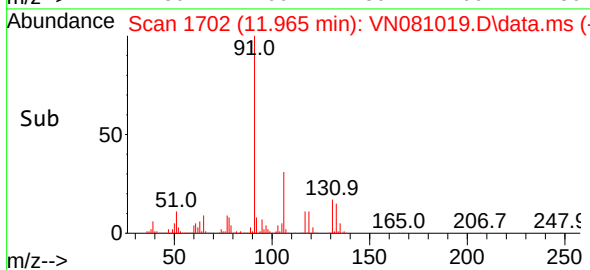
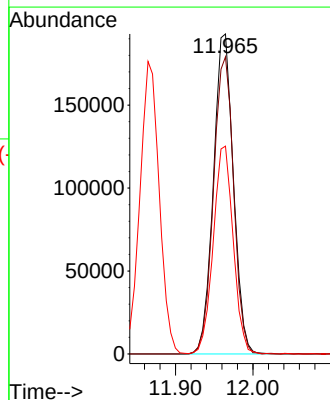
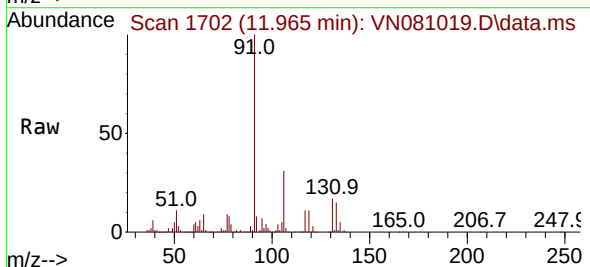
Manual Integrations
APPROVED

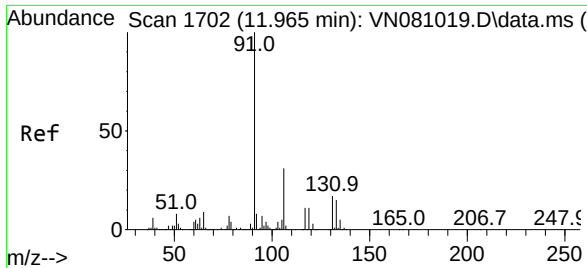
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.236 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

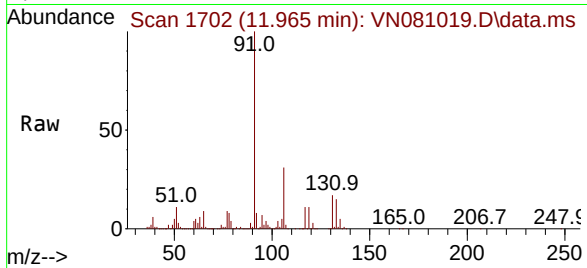
Tgt Ion:131 Resp: 346390
Ion Ratio Lower Upper
131 100
133 93.5 46.8 140.3
119 64.7 34.6 103.9





#67
Ethyl Benzene
Concen: 51.173 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

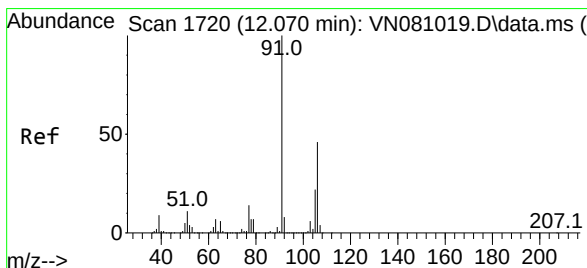
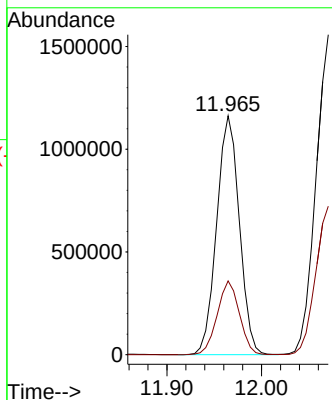
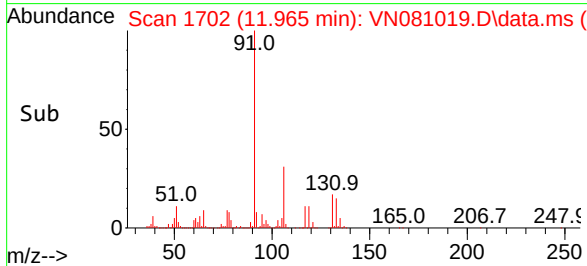
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



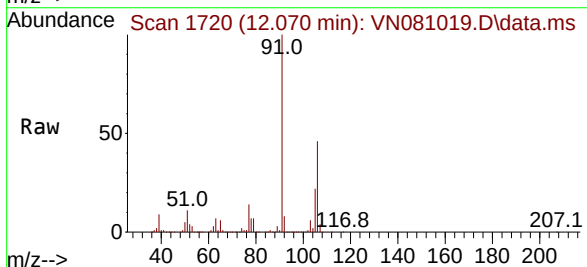
Tgt Ion: 91 Resp: 193218
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.6

Manual Integrations
APPROVED

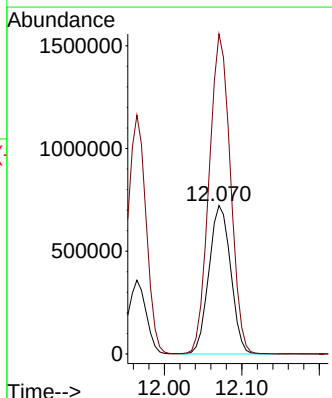
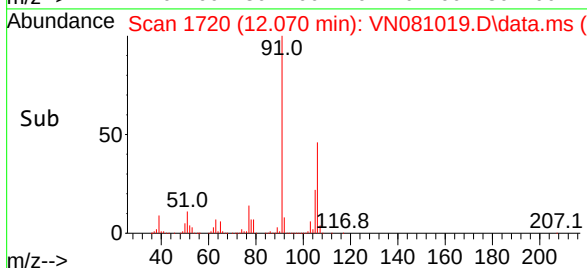
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

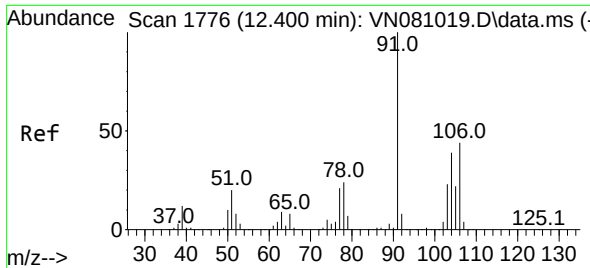


#68
m/p-Xylenes
Concen: 101.285 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14



Tgt Ion:106 Resp: 1410290
Ion Ratio Lower Upper
106 100
91 211.2 169.0 253.6





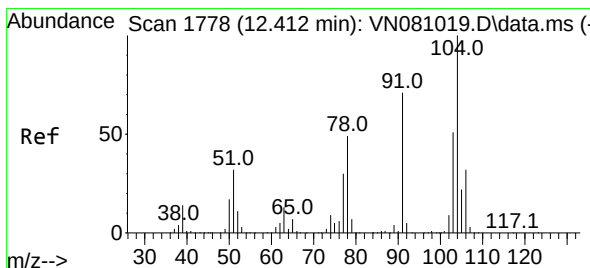
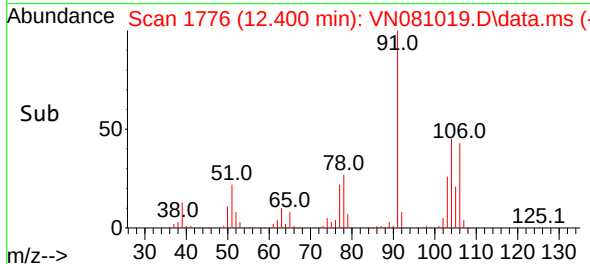
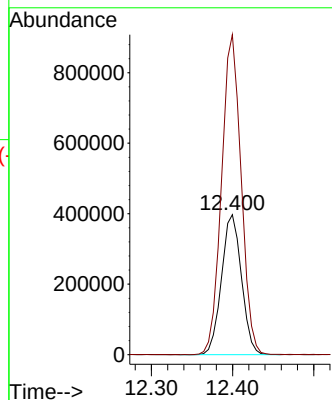
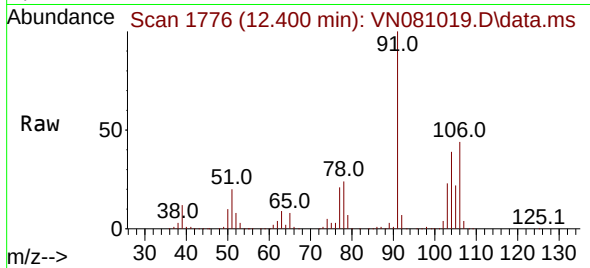
#69
o-Xylene
Concen: 50.282 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 679030
Ion Ratio Lower Upper
106 100
91 224.4 112.1 336.3

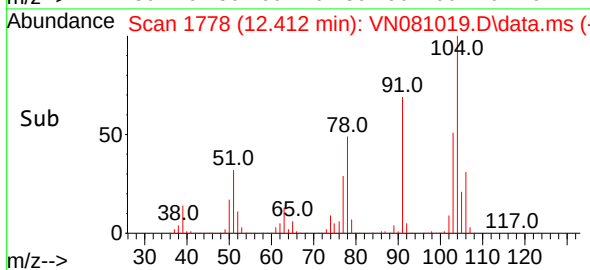
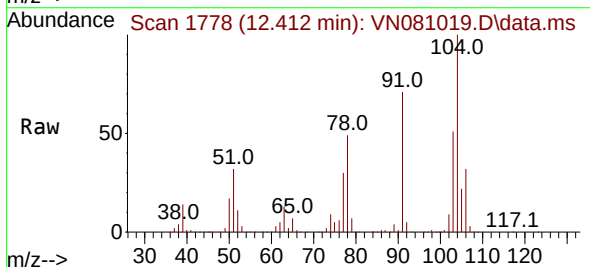
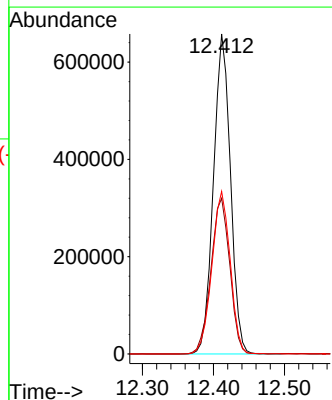
Manual Integrations
APPROVED

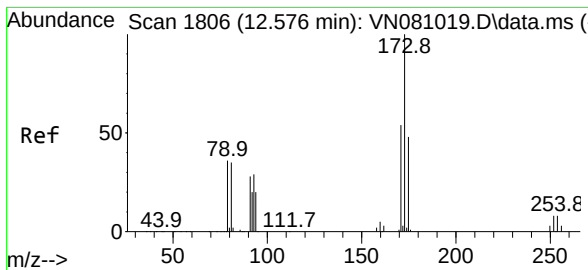
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#70
Styrene
Concen: 50.739 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

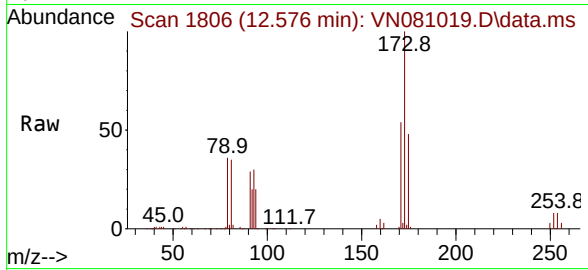
Tgt Ion:104 Resp: 1092068
Ion Ratio Lower Upper
104 100
78 54.0 43.8 65.8
103 54.8 44.2 66.2





#71
Bromoform
Concen: 52.693 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

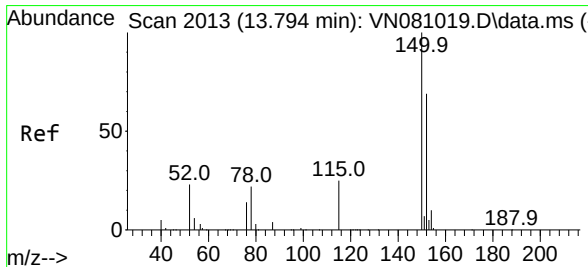
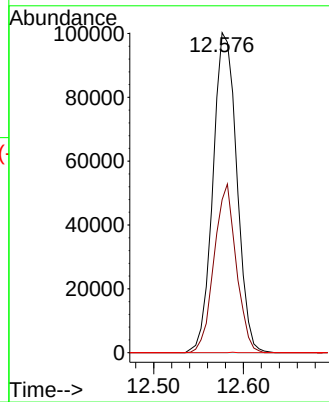
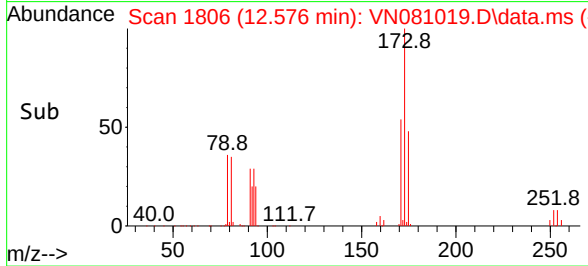
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



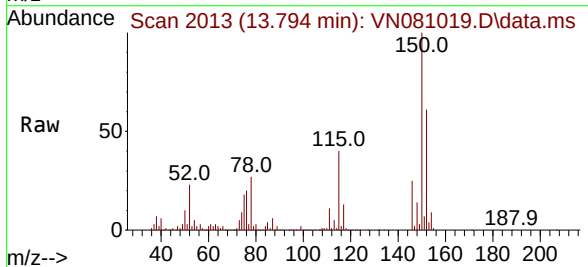
Tgt Ion:173 Resp: 184849
Ion Ratio Lower Upper
173 100
175 49.0 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

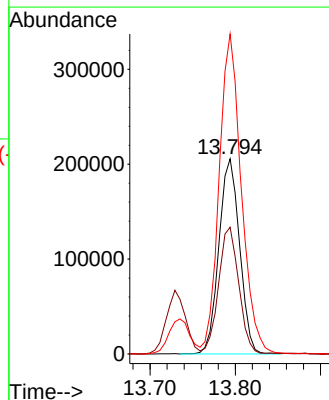
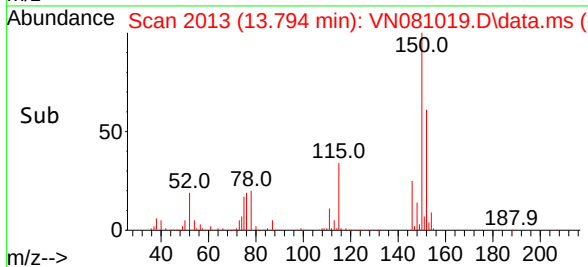
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

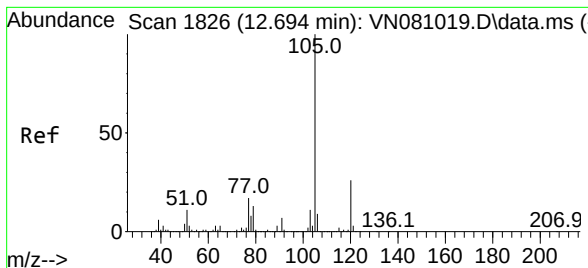


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14



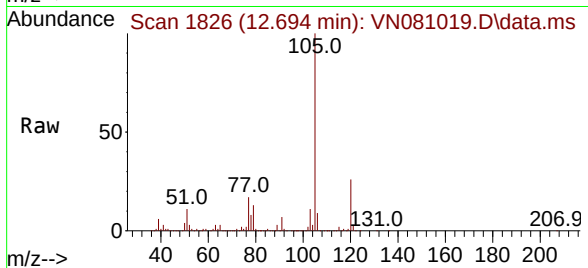
Tgt Ion:152 Resp: 347305
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 174.8 0.0 339.8





#73
Isopropylbenzene
Concen: 50.625 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

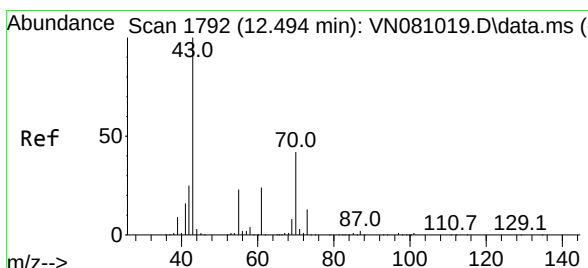
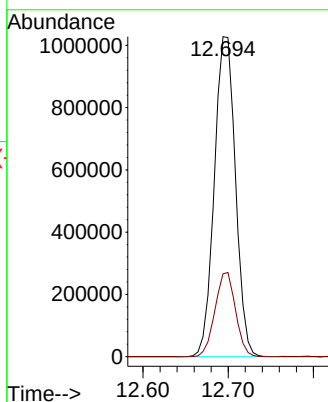
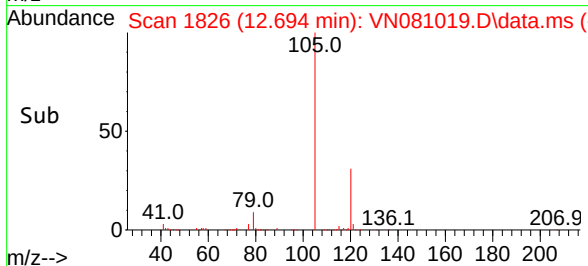
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 1776450
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.6

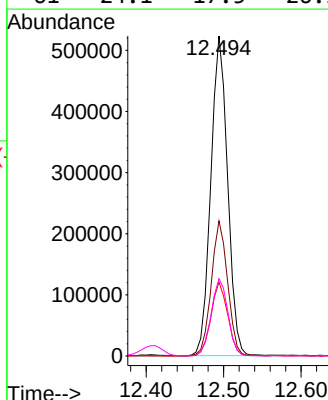
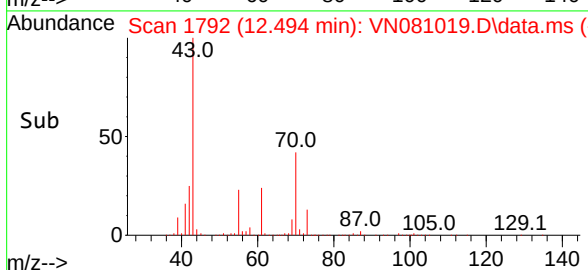
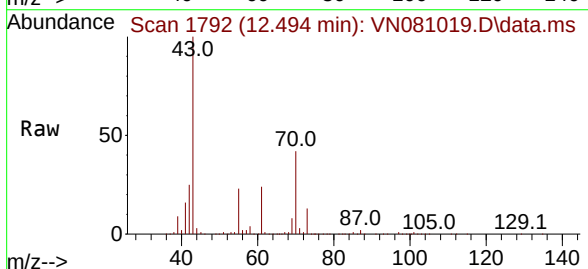
Manual Integrations
APPROVED

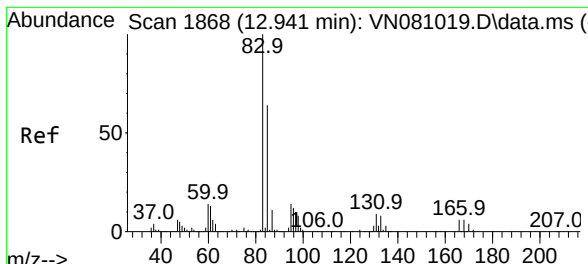
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#74
N-ethyl acetate
Concen: 48.742 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Tgt Ion: 43 Resp: 786884
Ion Ratio Lower Upper
43 100
70 41.1 30.1 45.1
55 22.9 17.0 25.4
61 24.1 17.5 26.3



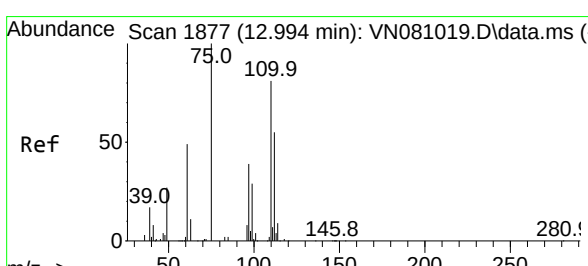
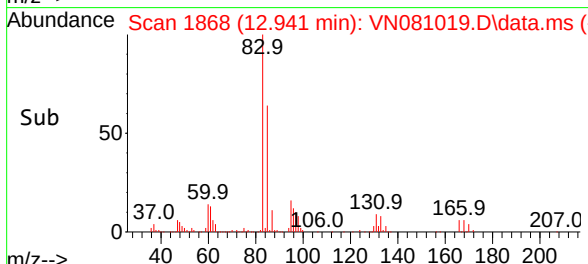
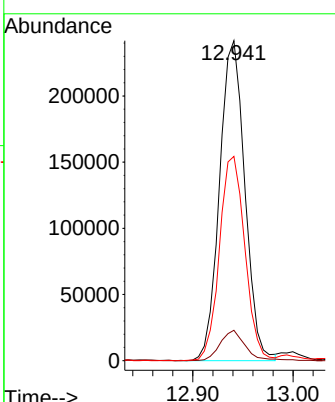
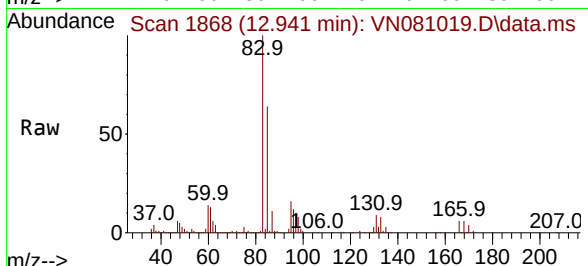


#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.219 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN081019.D
 Acq: 14 Feb 2024 12:14

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050

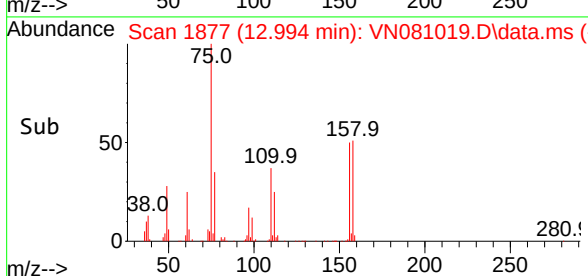
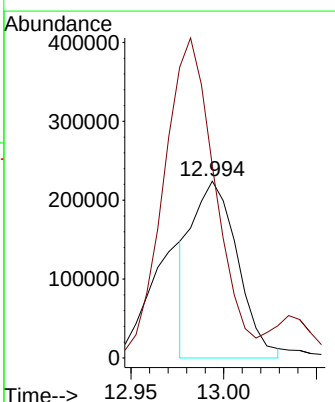
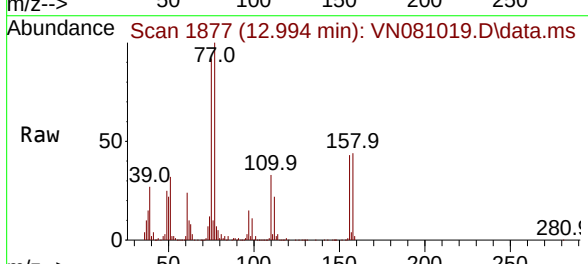
Tgt Ion:	83	Resp:	423909
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.1	12.3
85	64.2	32.1	96.3

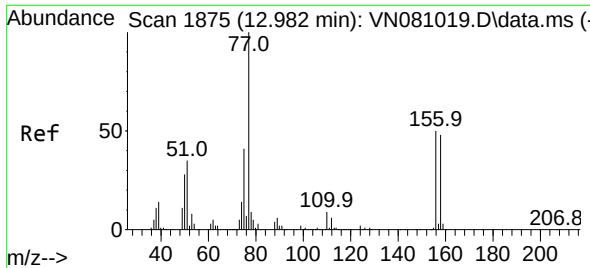
Manual Integrations
APPROVED
 Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#76
 1,2,3-Trichloropropane
 Concen: 50.650 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN081019.D
 Acq: 14 Feb 2024 12:14

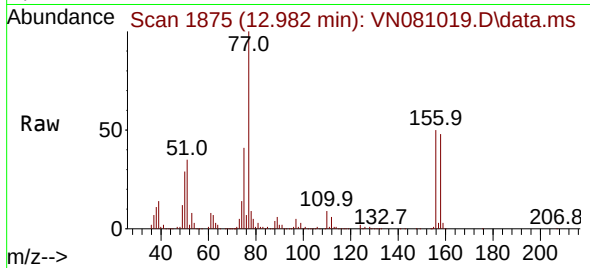
Tgt Ion:	75	Resp:	382134
Ion Ratio	Lower	Upper	
75	100		
77	205.9	91.0	272.8





#77
Bromobenzene
Concen: 48.631 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

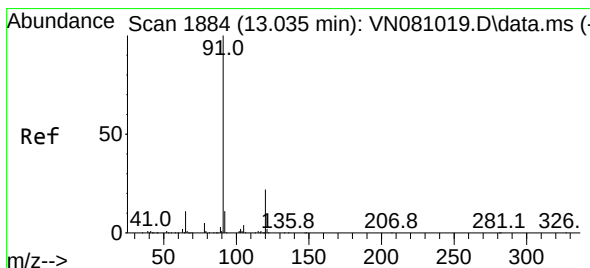
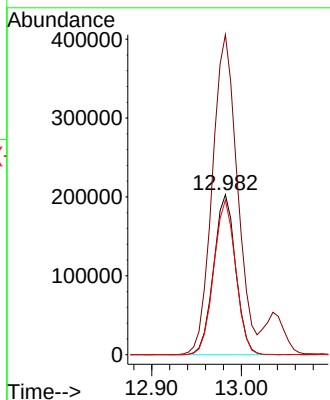
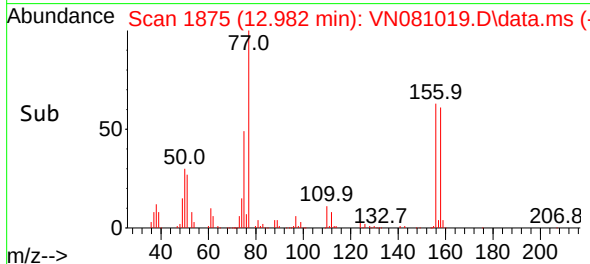
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



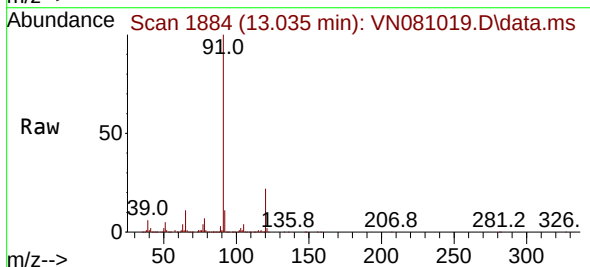
Tgt Ion:156 Resp: 345638
Ion Ratio Lower Upper
156 100
77 227.6 138.1 414.3
158 96.2 46.5 139.5

Manual Integrations
APPROVED

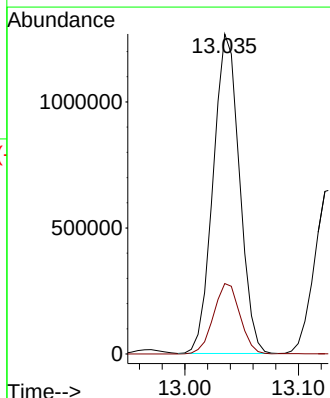
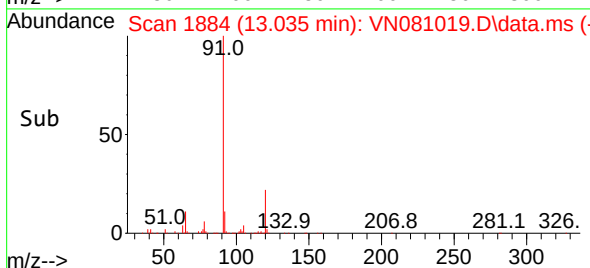
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

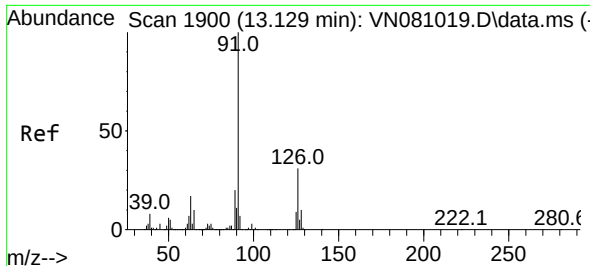


#78
n-propylbenzene
Concen: 50.915 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14



Tgt Ion: 91 Resp: 2038704
Ion Ratio Lower Upper
91 100
120 22.2 10.3 30.9





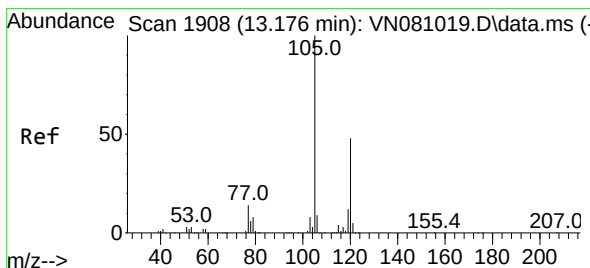
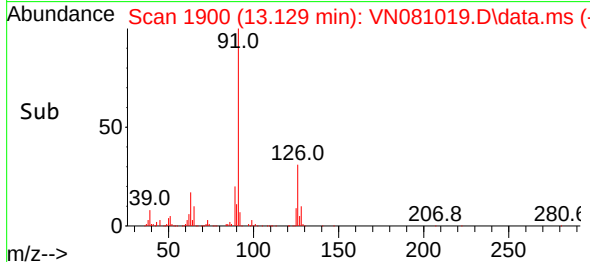
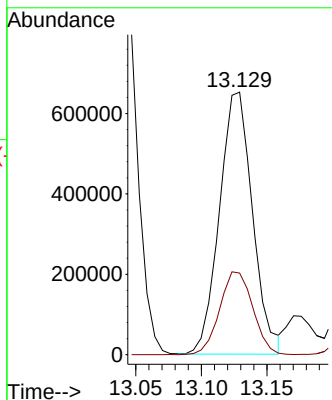
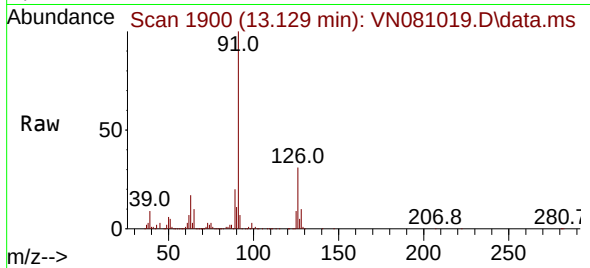
#79
2-Chlorotoluene
Concen: 49.535 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 1145590
Ion Ratio Lower Upper
91 100
126 31.7 14.8 44.4

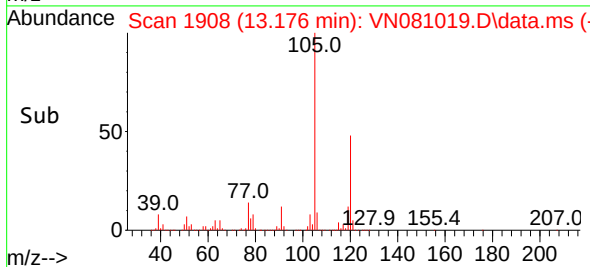
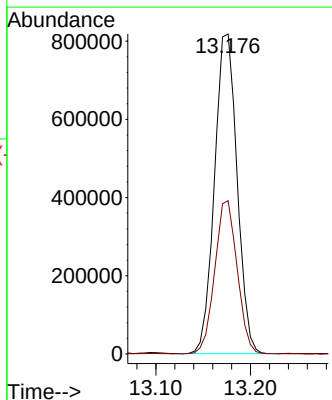
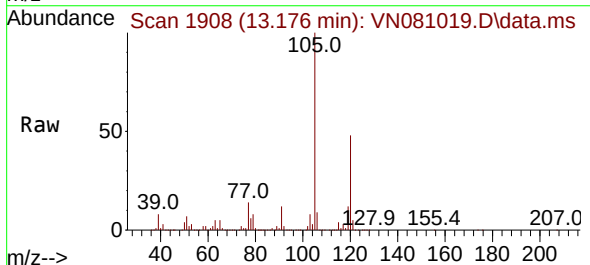
Manual Integrations
APPROVED

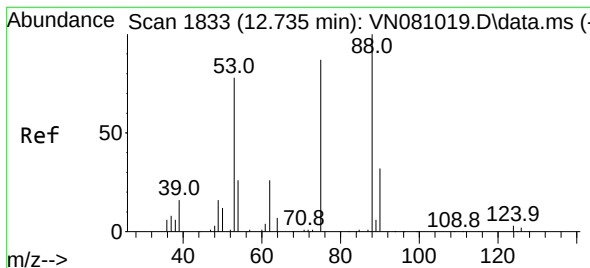
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.780 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

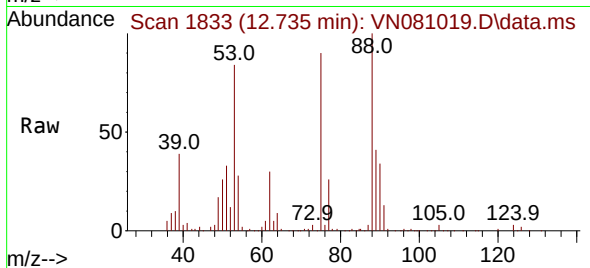
Tgt Ion:105 Resp: 1355237
Ion Ratio Lower Upper
105 100
120 47.5 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.969 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

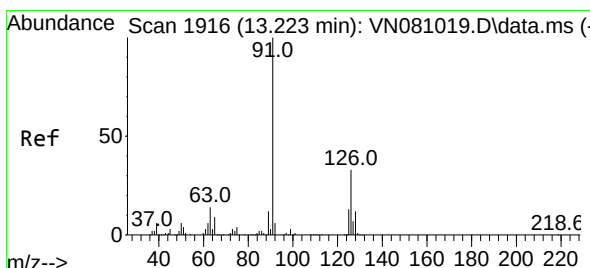
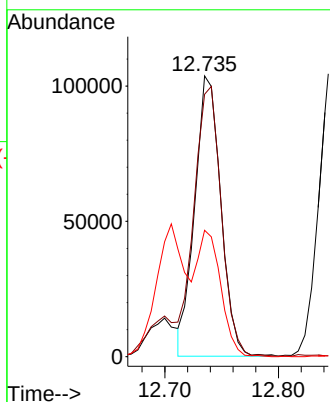
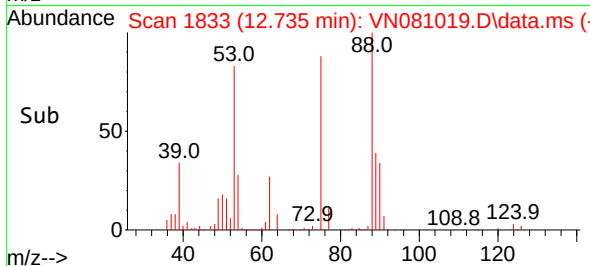
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 164730
Ion Ratio Lower Upper
75 100
53 117.8 71.4 107.2
89 40.5 33.4 50.0

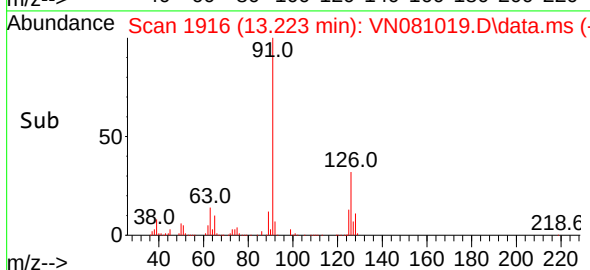
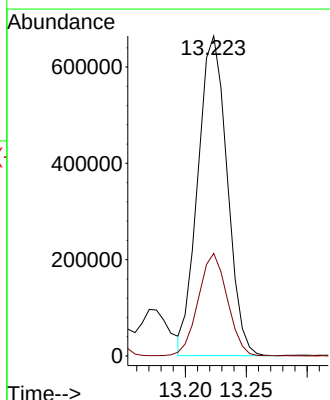
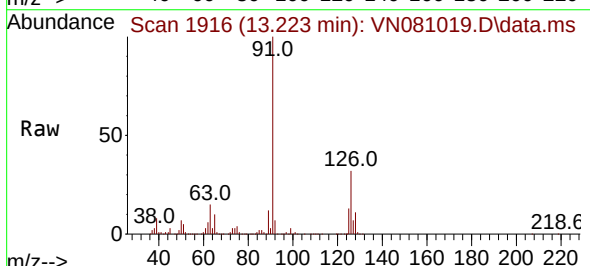
Manual Integrations
APPROVED

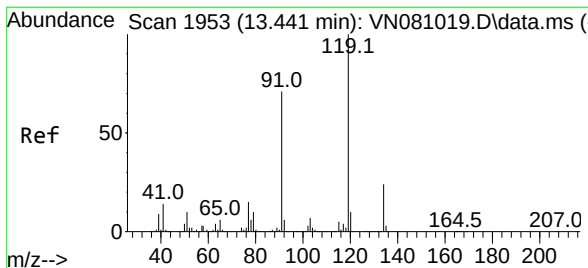
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#82
4-Chlorotoluene
Concen: 49.613 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

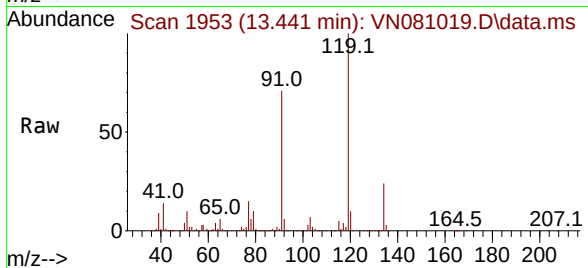
Tgt Ion: 91 Resp: 1108806
Ion Ratio Lower Upper
91 100
126 31.9 15.3 45.9





#83
tert-Butylbenzene
Concen: 49.441 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

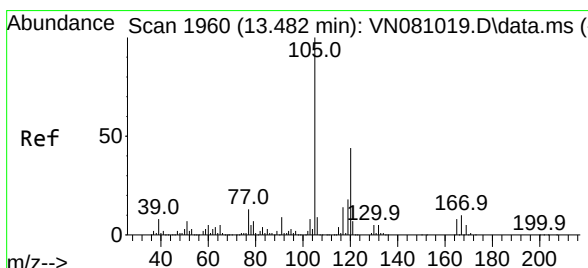
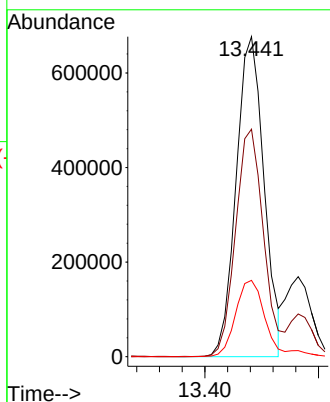
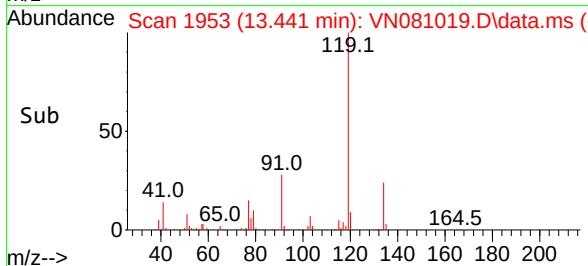
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



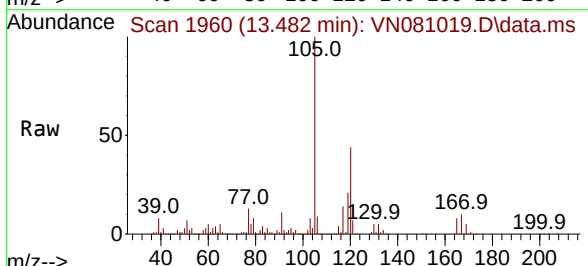
Tgt Ion:119 Resp: 1152634
Ion Ratio Lower Upper
119 100
91 72.1 36.8 110.4
134 25.8 12.4 37.4

Manual Integrations
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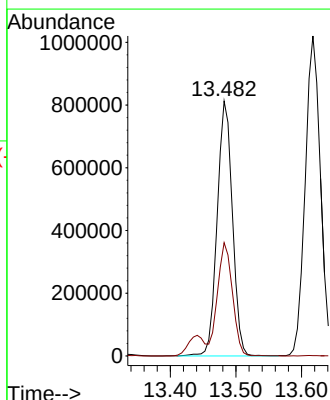
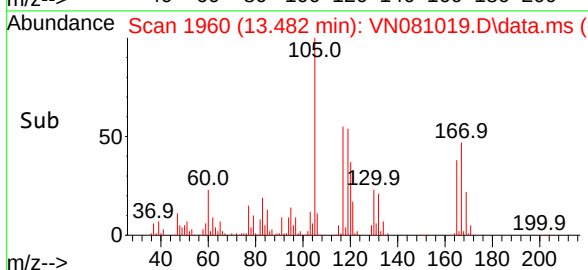
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

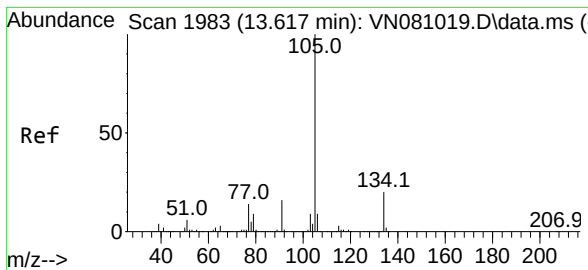


#84
1,2,4-Trimethylbenzene
Concen: 49.827 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14



Tgt Ion:105 Resp: 1306992
Ion Ratio Lower Upper
105 100
120 43.2 20.9 62.7





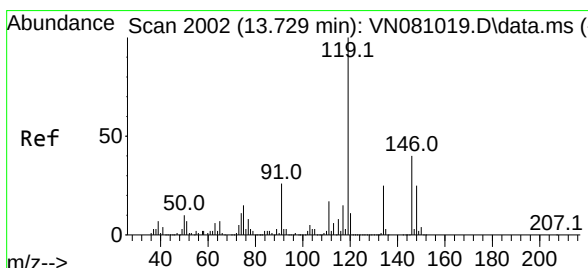
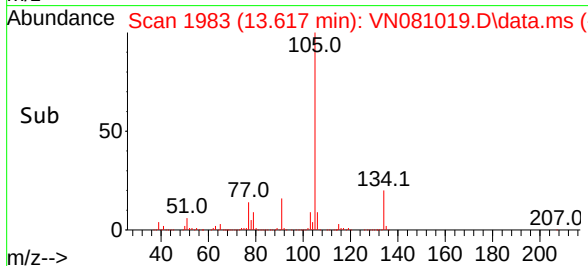
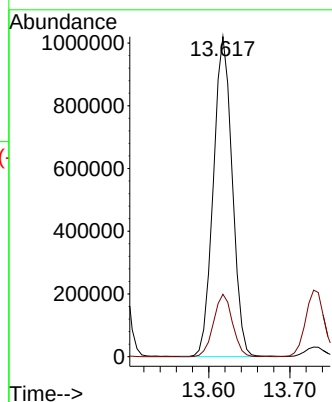
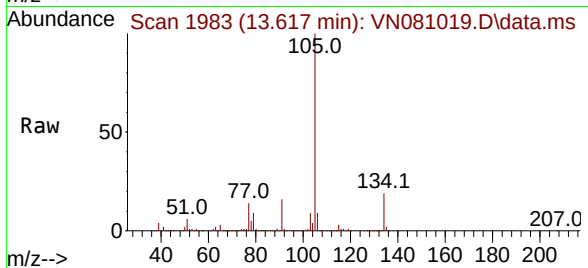
#85
 sec-Butylbenzene
 Concen: 51.511 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081019.D
 Acq: 14 Feb 2024 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 164750
 Ion Ratio Lower Upper
 105 100
 134 19.6 8.6 25.8

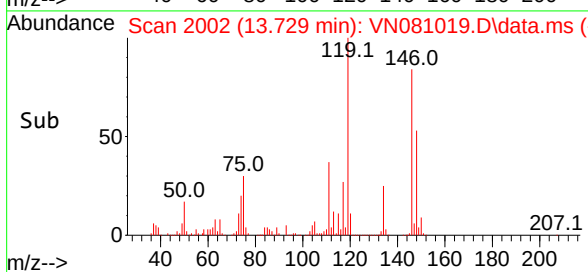
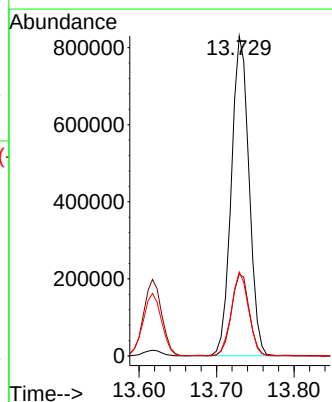
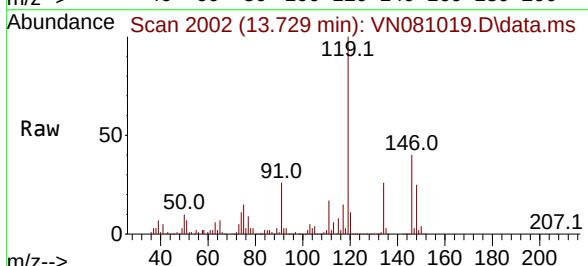
Manual Integrations
 APPROVED

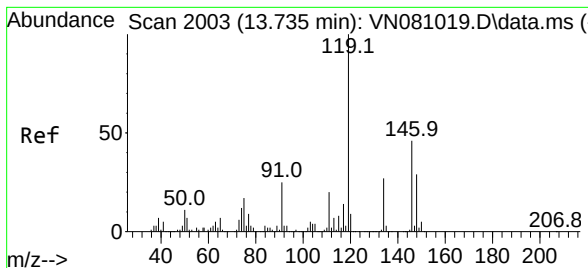
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#86
 p-Isopropyltoluene
 Concen: 51.227 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081019.D
 Acq: 14 Feb 2024 12:14

Tgt Ion:119 Resp: 1317560
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.4 37.2
 91 25.9 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 49.850 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 602492

Ion Ratio Lower Upper

146 100

111 43.0 23.9 71.7

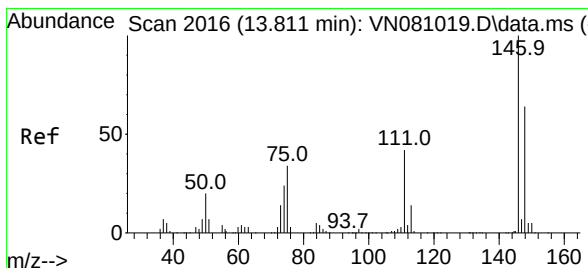
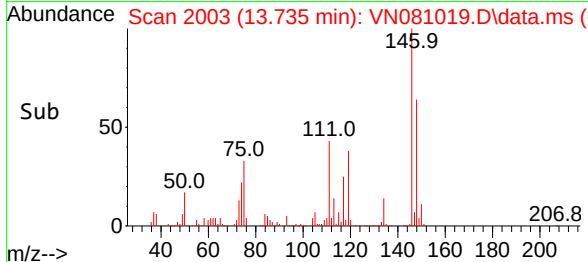
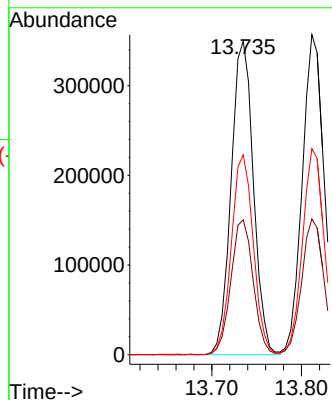
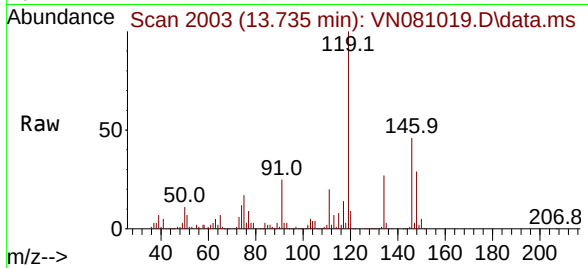
148 62.9 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#88

1,4-Dichlorobenzene

Concen: 48.326 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

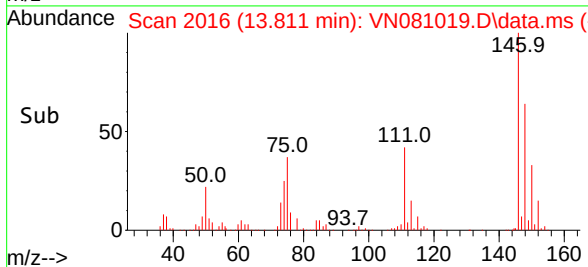
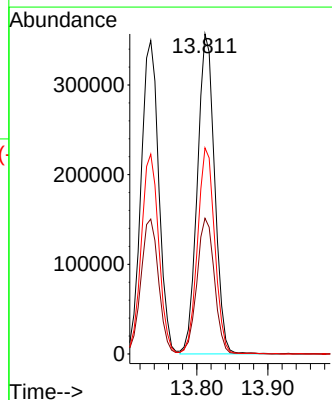
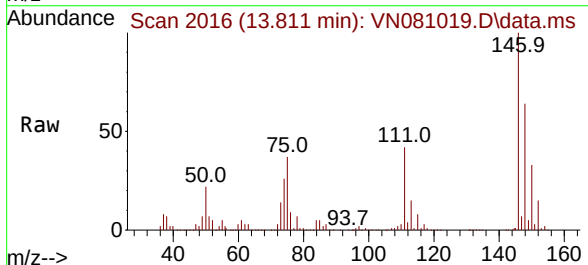
Tgt Ion:146 Resp: 603482

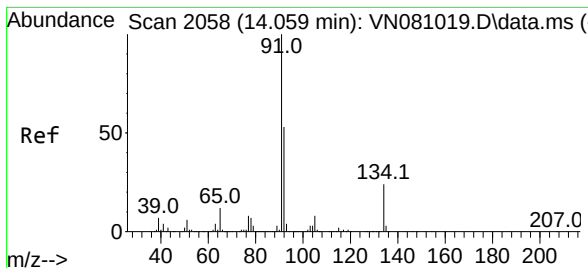
Ion Ratio Lower Upper

146 100

111 42.5 22.6 67.7

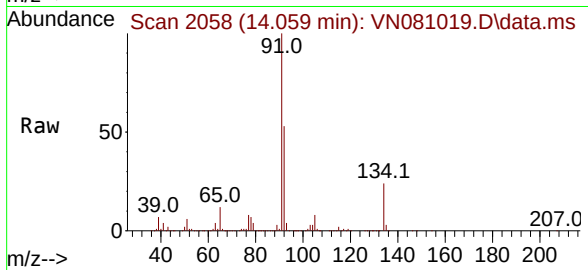
148 63.6 31.9 95.5





#89
n-Butylbenzene
Concen: 49.669 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

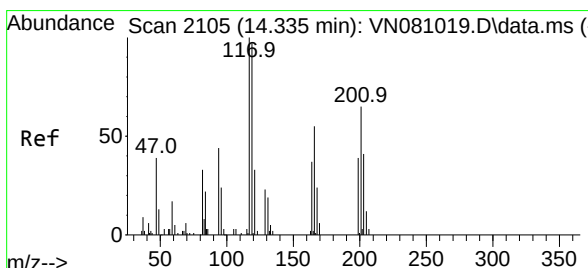
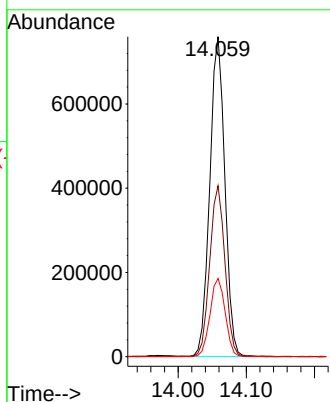
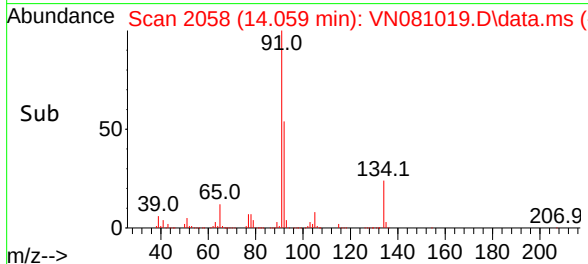
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 1169378
Ion Ratio Lower Upper
91 100
92 53.9 26.7 80.1
134 24.7 10.8 32.4

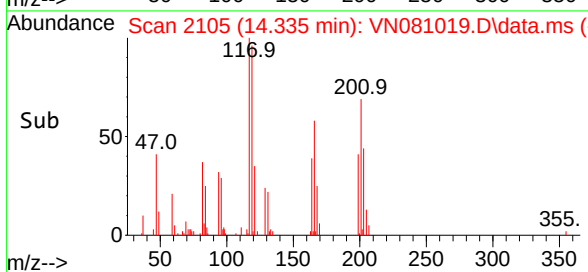
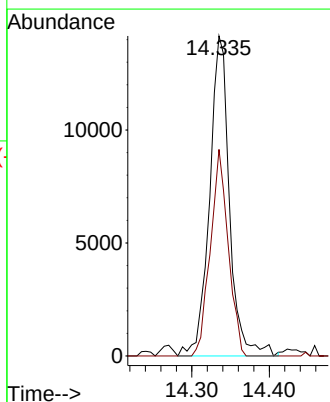
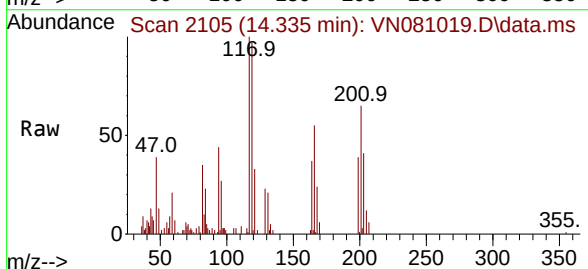
Manual Integrations
APPROVED

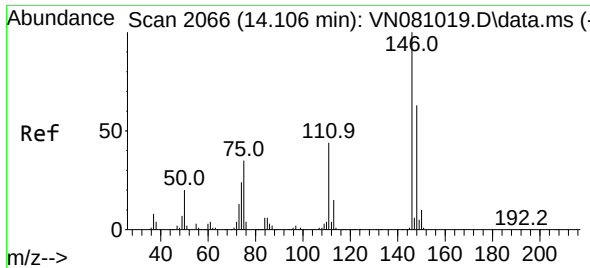
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#90
Hexachloroethane
Concen: 49.622 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Tgt Ion:117 Resp: 25338
Ion Ratio Lower Upper
117 100
201 57.7 30.0 90.0





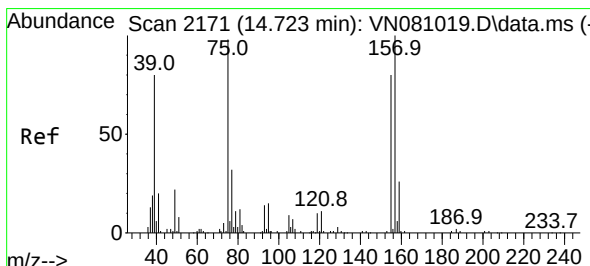
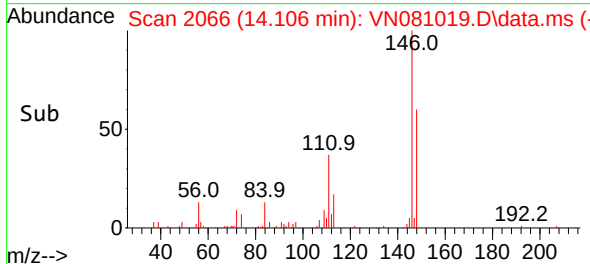
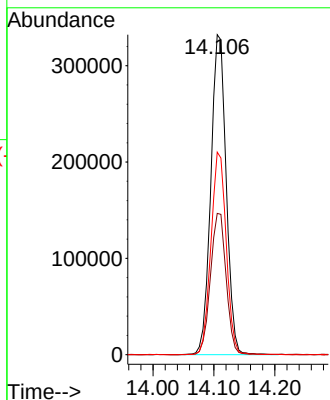
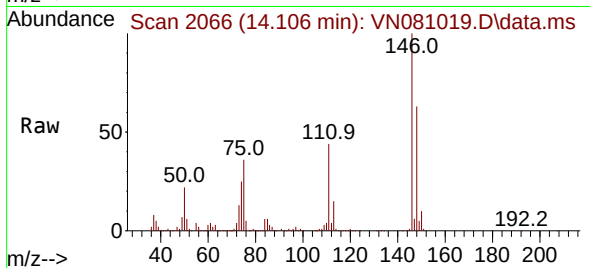
#91
1,2-Dichlorobenzene
Concen: 49.699 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 582280
Ion Ratio Lower Upper
146 100
111 45.1 23.9 71.8
148 62.8 31.4 94.0

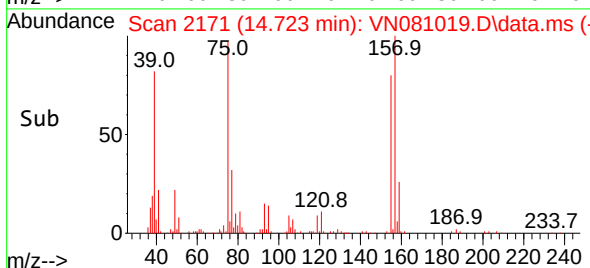
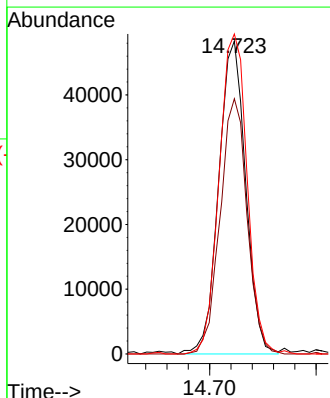
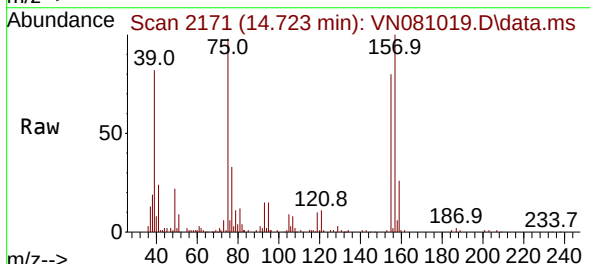
Manual Integrations
APPROVED

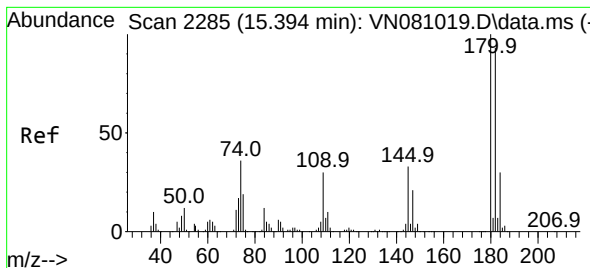
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.321 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Tgt Ion: 75 Resp: 84784
Ion Ratio Lower Upper
75 100
155 81.8 31.8 95.4
157 105.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 52.005 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN081019.D

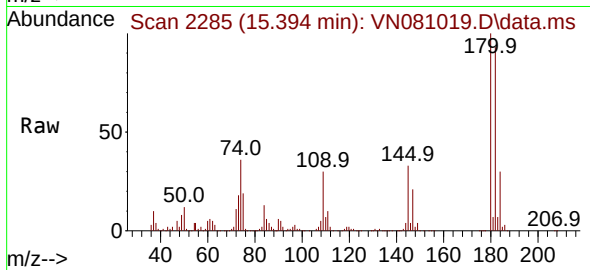
Acq: 14 Feb 2024 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



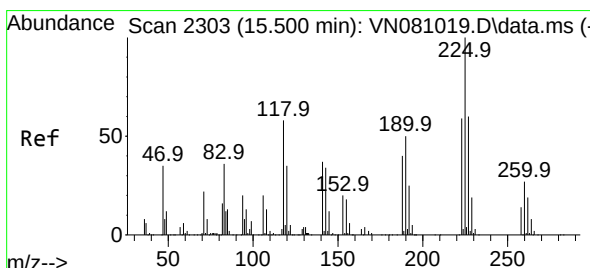
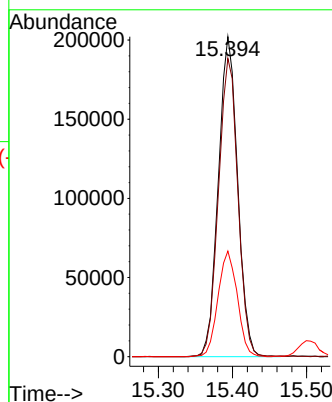
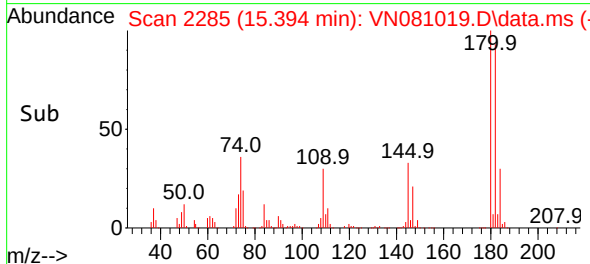
Tgt Ion:	180	Resp:	36502
Ion Ratio	Lower	Upper	
180	100		
182	93.9	46.6	139.7
145	33.0	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#94

Hexachlorobutadiene

Concen: 51.916 ug/l

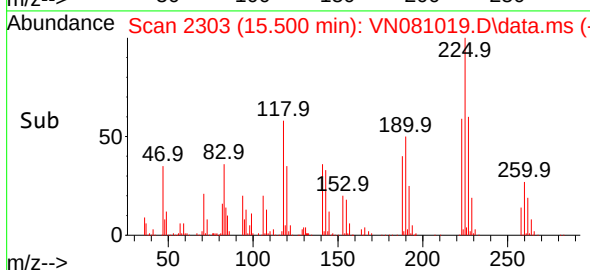
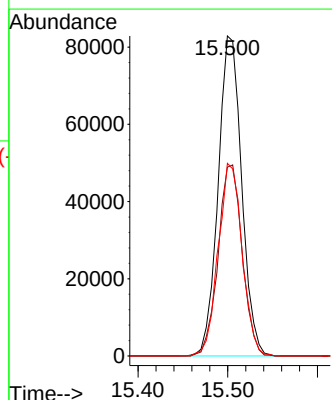
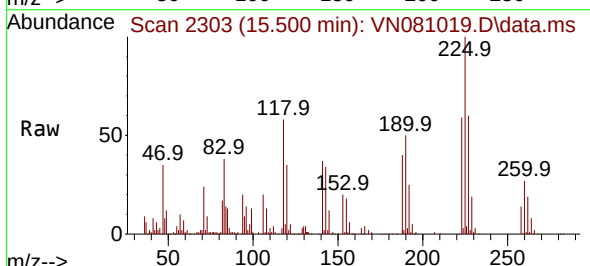
RT: 15.500 min Scan# 2303

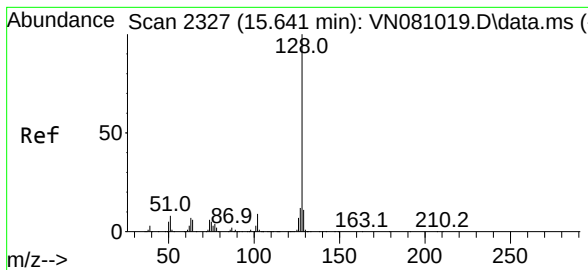
Delta R.T. -0.000 min

Lab File: VN081019.D

Acq: 14 Feb 2024 12:14

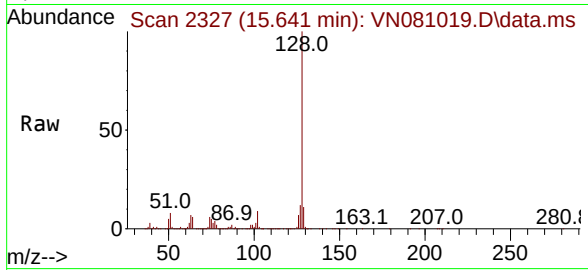
Tgt Ion:	225	Resp:	150710
Ion Ratio	Lower	Upper	
225	100		
223	61.0	33.3	99.8
227	61.2	33.1	99.2





#95
Naphthalene
Concen: 50.707 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

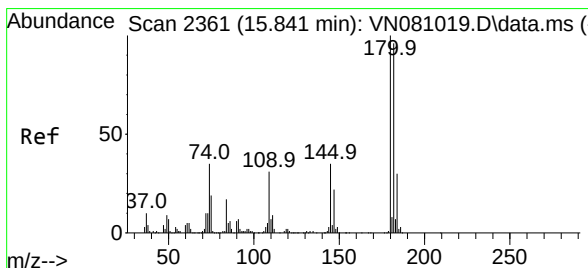
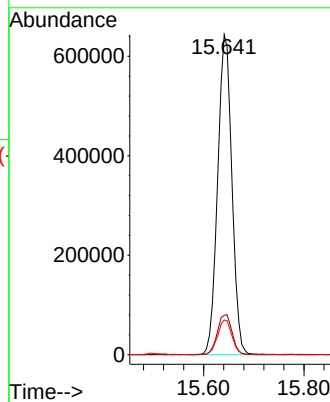
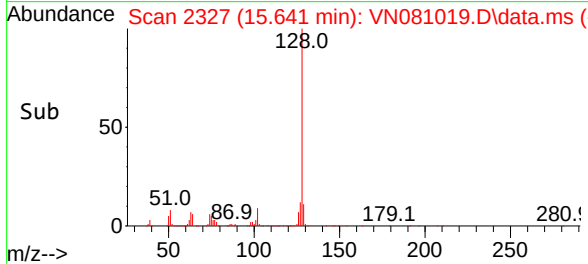
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 126620
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.909 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081019.D
Acq: 14 Feb 2024 12:14

Tgt Ion:180 Resp: 357046
Ion Ratio Lower Upper
180 100
182 95.3 46.5 139.3
145 35.7 17.8 53.4

