

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
 Data File : VN081036.D
 Acq On : 15 Feb 2024 13:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 16 00:24:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	558275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	969027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	859781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	339090	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.576	65	326497	47.547	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.100%
35) Dibromofluoromethane	8.165	113	266739	48.010	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.020%
50) Toluene-d8	10.570	98	924005	47.157	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.320%
62) 4-Bromofluorobenzene	12.853	95	355973	53.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.118	85	384369	53.683	ug/l	99
3) Chloromethane	2.359	50	416888	48.239	ug/l	97
4) Vinyl Chloride	2.512	62	362563	48.215	ug/l	92
5) Bromomethane	2.947	94	182914	48.211	ug/l	92
6) Chloroethane	3.118	64	226547	46.858	ug/l	99
7) Trichlorofluoromethane	3.494	101	556652	52.591	ug/l	95
8) Diethyl Ether	3.953	74	211742	50.457	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	315687	50.540	ug/l	90
10) Methyl Iodide	4.588	142	297792	46.947	ug/l	97
11) Tert butyl alcohol	5.512	59	315678	256.284	ug/l	98
12) 1,1-Dichloroethene	4.336	96	303295	49.847	ug/l	94
13) Acrolein	4.177	56	305789	314.757	ug/l	100
14) Allyl chloride	5.018	41	467583	47.188	ug/l #	92
15) Acrylonitrile	5.712	53	809531	256.611	ug/l	97
16) Acetone	4.424	43	586506	218.181	ug/l	98
17) Carbon Disulfide	4.712	76	832908	47.245	ug/l #	95
18) Methyl Acetate	5.018	43	366813	51.809	ug/l	94
19) Methyl tert-butyl Ether	5.788	73	1100073	51.814	ug/l	97
20) Methylene Chloride	5.271	84	346962	49.552	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	329024	49.187	ug/l	94
22) Diisopropyl ether	6.665	45	1098831	50.699	ug/l #	95
23) Vinyl Acetate	6.600	43	4492647	257.176	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	619431	51.250	ug/l	98
25) 2-Butanone	7.477	43	1016471	232.918	ug/l	94
26) 2,2-Dichloropropane	7.488	77	574466	51.644	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	383378	49.590	ug/l	92
28) Bromochloromethane	7.812	49	231722	47.489	ug/l #	67
29) Tetrahydrofuran	7.835	42	692104	246.768	ug/l	89
30) Chloroform	7.965	83	644787	49.710	ug/l	97
31) Cyclohexane	8.259	56	542424	45.470	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	580456	50.680	ug/l	93
36) 1,1-Dichloropropene	8.371	75	482546	52.055	ug/l	97
37) Ethyl Acetate	7.553	43	443070	52.250	ug/l	99
38) Carbon Tetrachloride	8.359	117	488588	72.007	ug/l	96
39) Methylcyclohexane	9.600	83	596566	52.309	ug/l	92
40) Benzene	8.606	78	1403432	51.196	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	250970	48.754	ug/l	97
42) 1,2-Dichloroethane	8.671	62	508123	52.219	ug/l	99
43) Isopropyl Acetate	8.688	43	796069	50.107	ug/l	97
44) Trichloroethene	9.353	130	363650	44.788	ug/l	96
45) 1,2-Dichloropropane	9.618	63	358924	52.929	ug/l	95
46) Dibromomethane	9.712	93	249544	52.134	ug/l #	91
47) Bromodichloromethane	9.888	83	519700	55.399	ug/l #	98
48) Methyl methacrylate	9.676	41	379592	50.747	ug/l	93
49) 1,4-Dioxane	9.694	88	140835	1106.628	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	2257194	254.758	ug/l	96
52) Toluene	10.629	92	892424	52.116	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	593818	53.729	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	621494	53.171	ug/l	96
55) 1,1,2-Trichloroethane	11.017	97	348957	54.191	ug/l	95
56) Ethyl methacrylate	10.876	69	556556	52.786	ug/l	91
57) 1,3-Dichloropropane	11.165	76	610794	53.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1357286	259.433	ug/l #	88
59) 2-Hexanone	11.194	43	1669853	256.622	ug/l	96
60) Dibromochloromethane	11.365	129	377934	61.722	ug/l	99
61) 1,2-Dibromoethane	11.470	107	362087	53.478	ug/l	98
64) Tetrachloroethene	11.106	164	331460	37.815	ug/l	92
65) Chlorobenzene	11.894	112	940649	52.175	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	348295	56.113	ug/l	97
67) Ethyl Benzene	11.964	91	1748032	51.429	ug/l	99
68) m/p-Xylenes	12.070	106	1276870	101.871	ug/l	100
69) o-Xylene	12.400	106	623581	51.296	ug/l	99
70) Styrene	12.412	104	1047314	54.055	ug/l	99
71) Bromoform	12.576	173	222175	70.356	ug/l #	96
73) Isopropylbenzene	12.700	105	1664754	48.592	ug/l	99
74) N-amyl acetate	12.494	43	735749	46.678	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	409092	48.649	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	385019m	51.387	ug/l	
77) Bromobenzene	12.982	156	352333	50.774	ug/l	80
78) n-propylbenzene	13.035	91	1997480	51.094	ug/l	97
79) 2-Chlorotoluene	13.129	91	1141036	50.533	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1362507	51.260	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	167946	52.179	ug/l #	81
82) 4-Chlorotoluene	13.223	91	1119409	51.301	ug/l	98
83) tert-Butylbenzene	13.441	119	1154350	50.714	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1337667	52.232	ug/l	97
85) sec-Butylbenzene	13.617	105	1664776	53.312	ug/l	95
86) p-Isopropyltoluene	13.729	119	1362323	54.250	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	608554	51.571	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	602909	49.450	ug/l	98
89) n-Butylbenzene	14.058	91	1212476	52.748	ug/l	97
90) Hexachloroethane	14.335	117	175807	145.103	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	571717	49.980	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	84532	49.397	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	347632	50.728	ug/l	99
94) Hexachlorobutadiene	15.505	225	142782	50.376	ug/l	94
95) Naphthalene	15.641	128	1163155	47.709	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	339682	50.581	ug/l	99

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VSTDCCC050

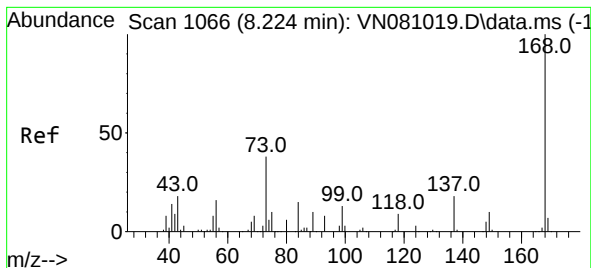
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/16/2024

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

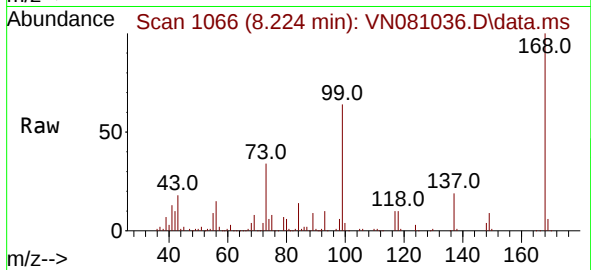
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081036.D
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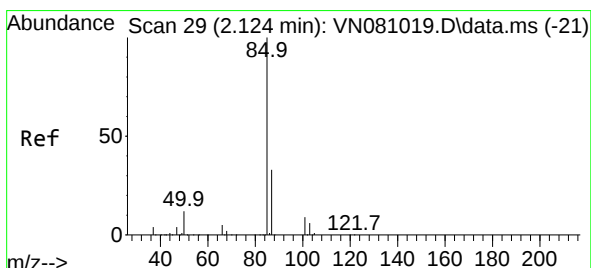
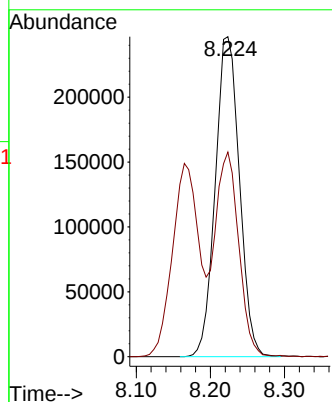
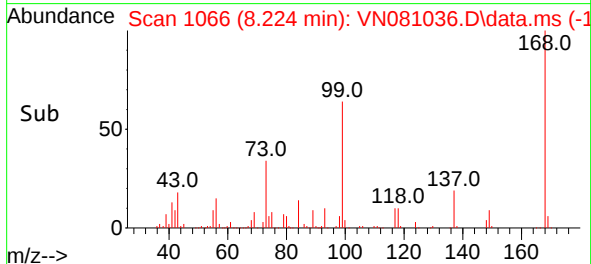
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 55827
Ion Ratio Lower Upper
168 100
99 63.5 59.9 89.9

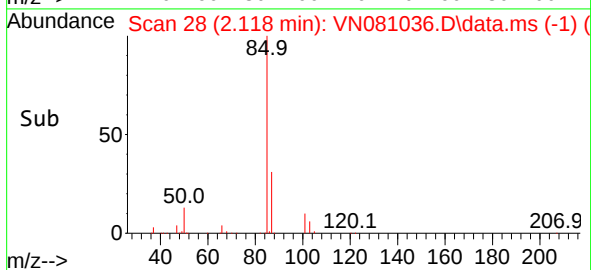
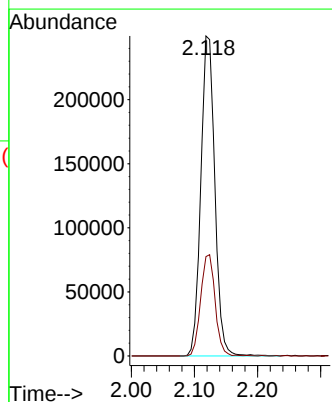
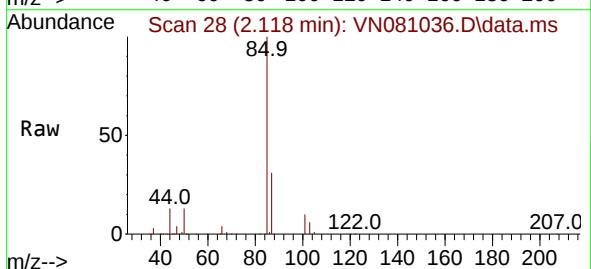
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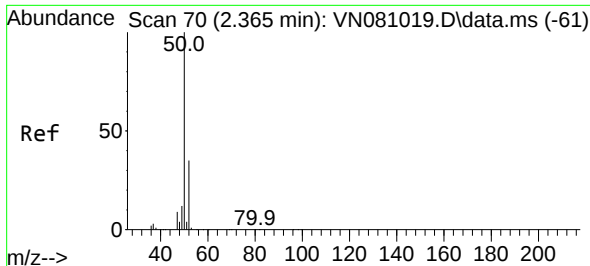
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#2
Dichlorodifluoromethane
Concen: 53.683 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Tgt Ion: 85 Resp: 384369
Ion Ratio Lower Upper
85 100
87 31.1 15.3 45.9





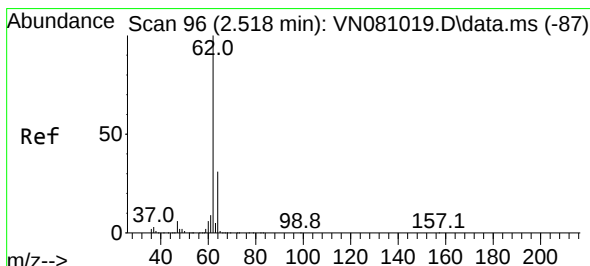
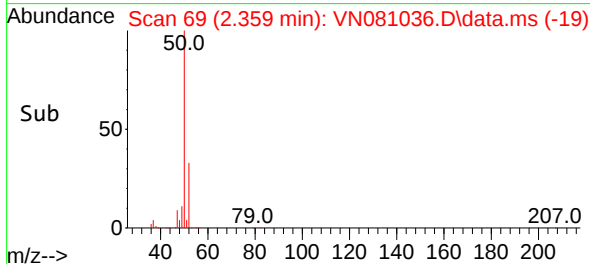
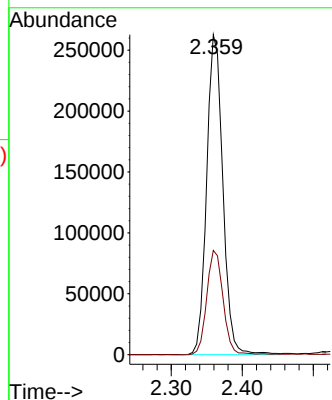
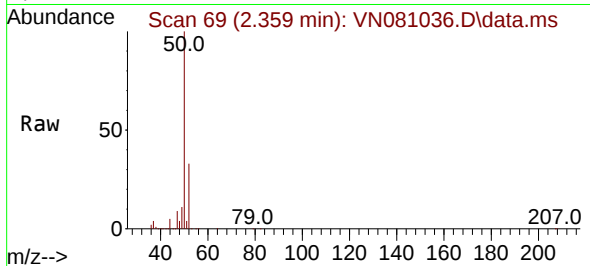
#3
Chloromethane
Concen: 48.239 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 41688
Ion Ratio Lower Upper
50 100
52 32.6 25.0 37.4

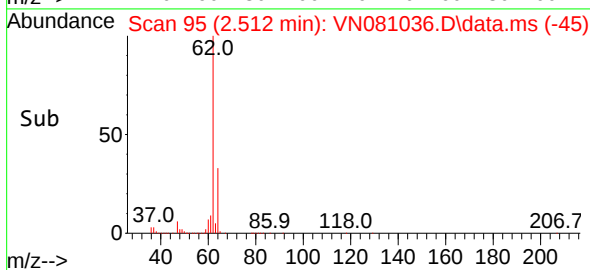
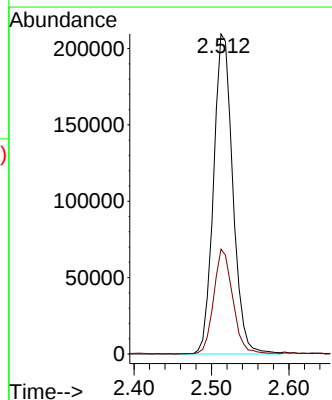
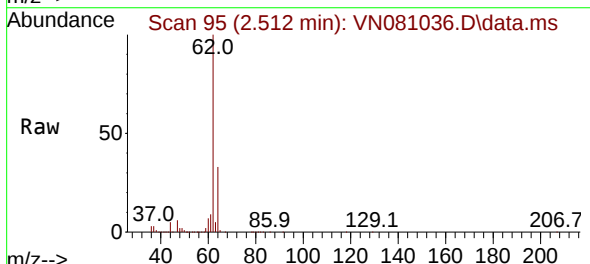
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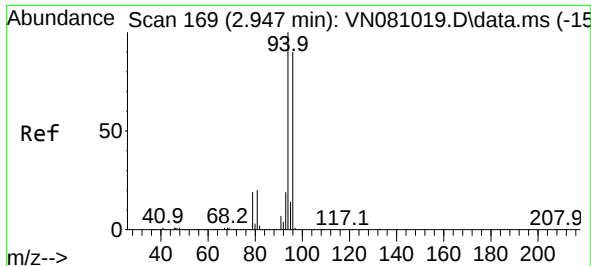
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#4
Vinyl Chloride
Concen: 48.215 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

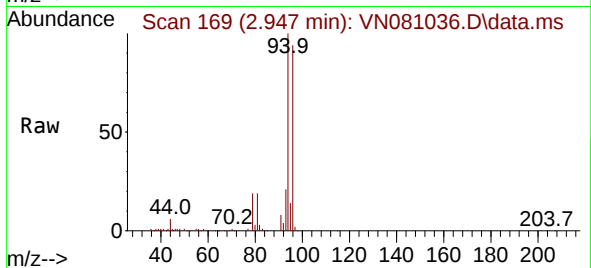
Tgt Ion: 62 Resp: 362563
Ion Ratio Lower Upper
62 100
64 32.7 22.7 34.1





#5
Bromomethane
Concen: 48.211 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

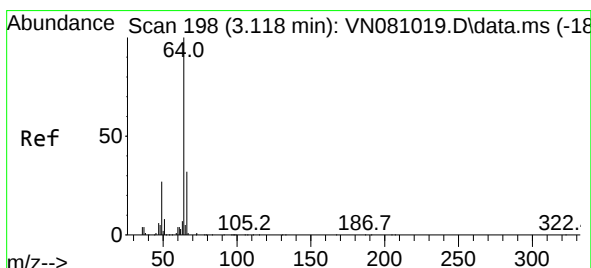
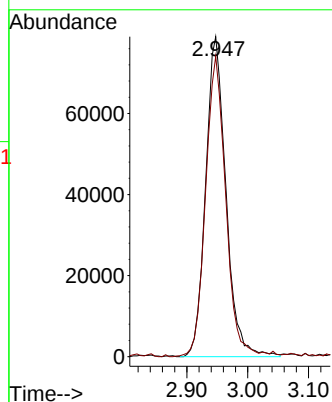
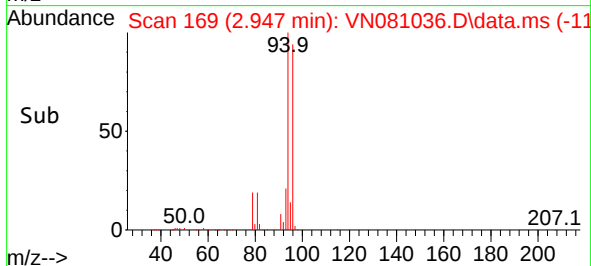
Instrument :
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Tgt Ion: 94 Resp: 182914
Ion Ratio Lower Upper
94 100
96 93.6 69.2 103.8

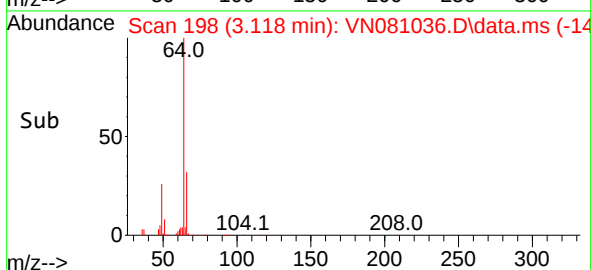
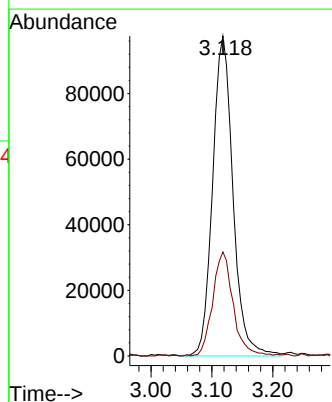
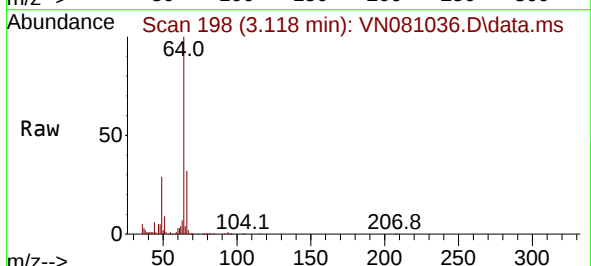
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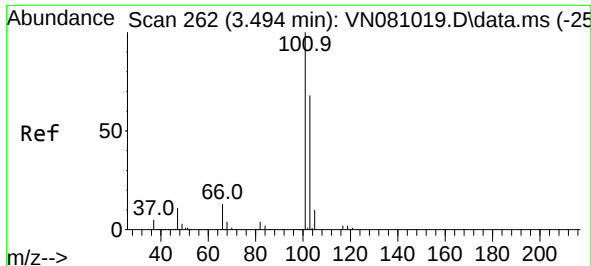
Reviewed By :John Carlone 02/16/2024
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#6
Chloroethane
Concen: 46.858 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081036.D
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Tgt Ion: 64 Resp: 226547
Ion Ratio Lower Upper
64 100
66 32.5 26.4 39.6





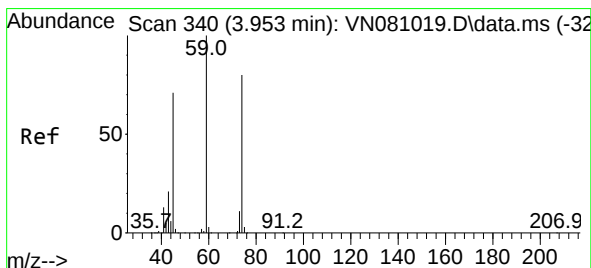
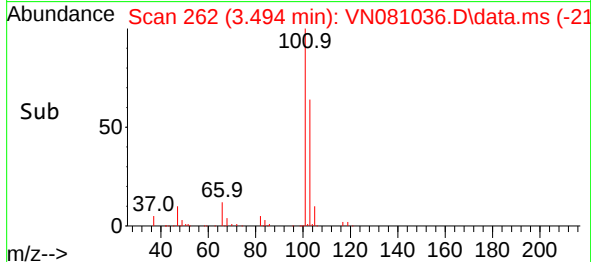
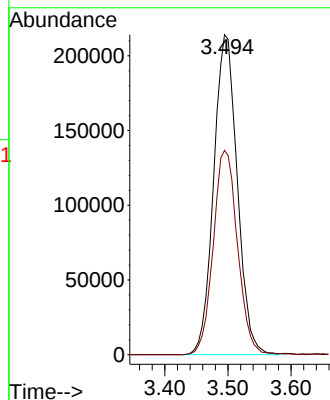
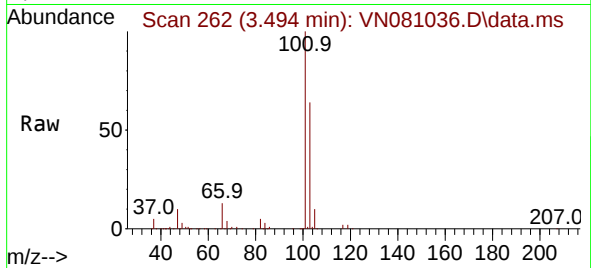
#7
 Trichlorofluoromethane
 Concen: 52.591 ug/l
 RT: 3.494 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN081036.D
 Acq: 15 Feb 2024 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 556652
 Ion Ratio Lower Upper
 101 100
 103 63.8 54.4 81.6

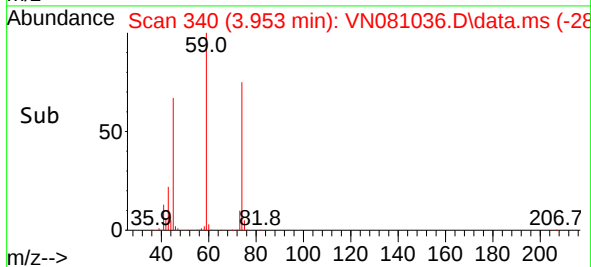
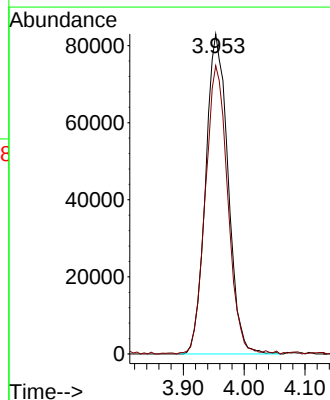
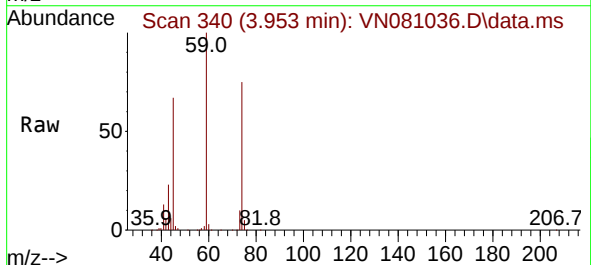
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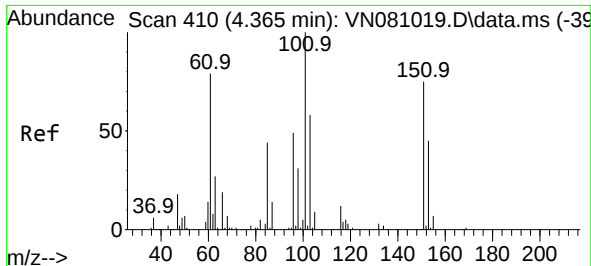
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024



#8
 Diethyl Ether
 Concen: 50.457 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
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 Acq: 15 Feb 2024 13:26

Tgt Ion: 74 Resp: 211742
 Ion Ratio Lower Upper
 74 100
 45 90.3 53.3 159.9





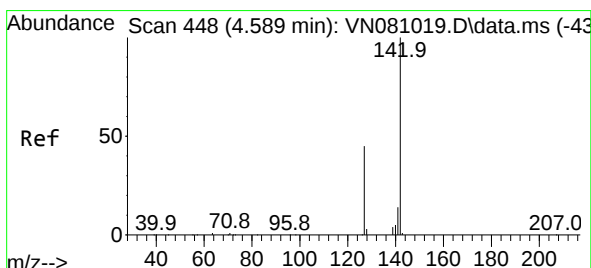
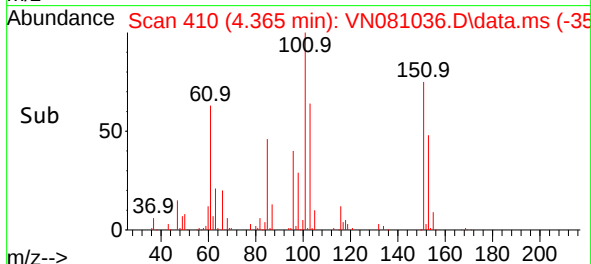
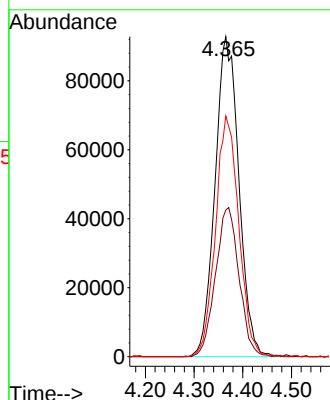
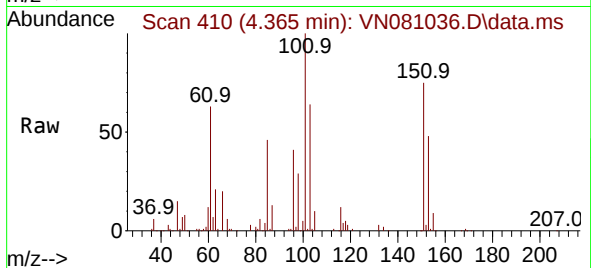
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.540 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 31568
Ion Ratio Lower Upper
101 100
85 46.0 38.1 57.1
151 73.5 49.1 73.7

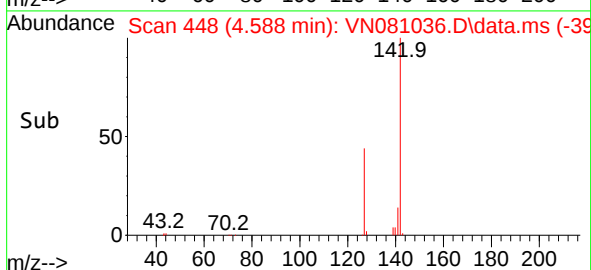
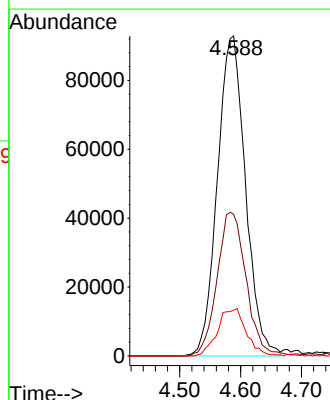
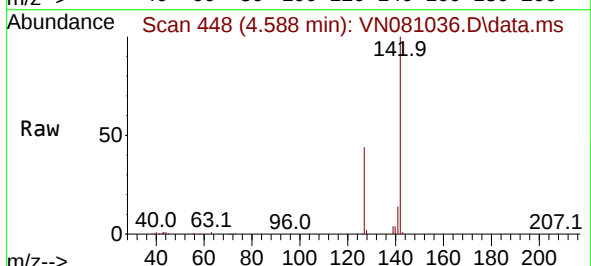
Manual Integrations
APPROVED

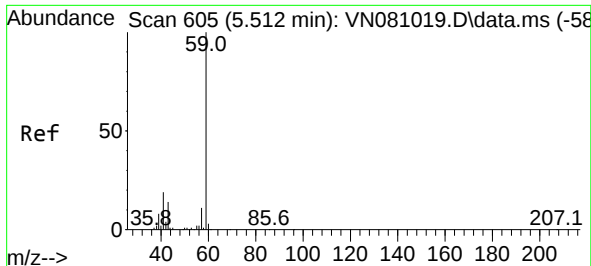
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#10
Methyl Iodide
Concen: 46.947 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

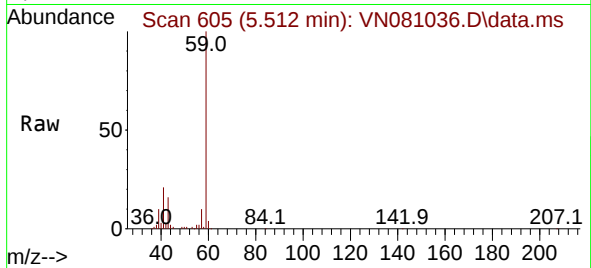
Tgt Ion:142 Resp: 297792
Ion Ratio Lower Upper
142 100
127 44.3 37.0 55.4
141 14.3 12.5 18.7





#11
Tert butyl alcohol
Concen: 256.284 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

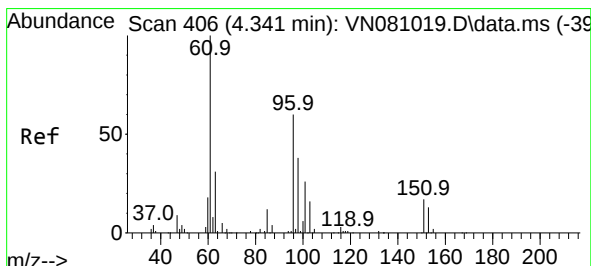
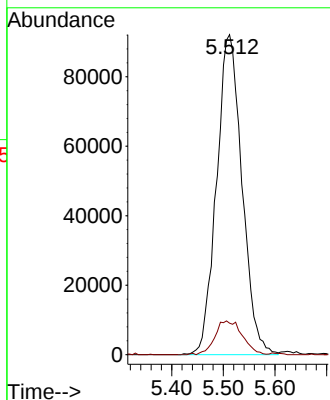
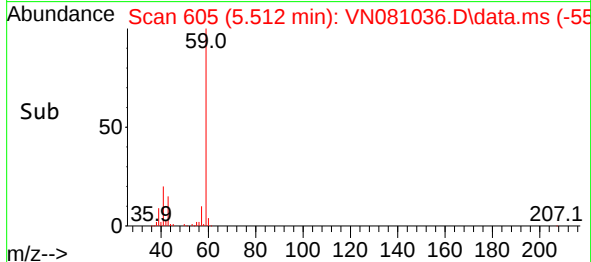
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



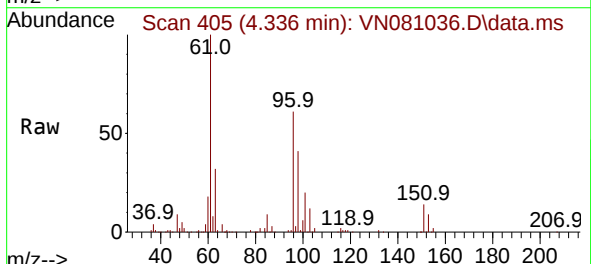
Tgt Ion: 59 Resp: 315678
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8

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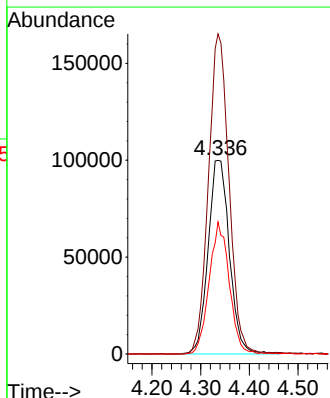
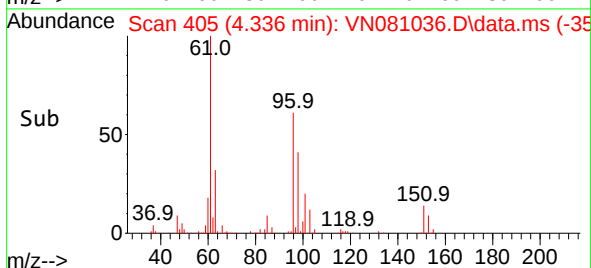
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

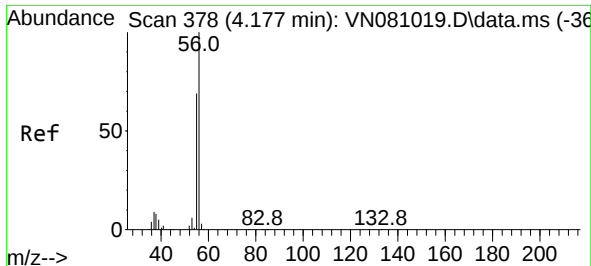


#12
1,1-Dichloroethene
Concen: 49.847 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26



Tgt Ion: 96 Resp: 303295
Ion Ratio Lower Upper
96 100
61 165.3 138.2 207.4
98 68.1 49.2 73.8





#13

Acrolein

Concen: 314.757 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 305789

Ion Ratio Lower Upper

56 100

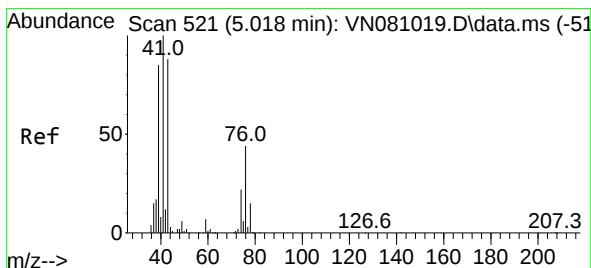
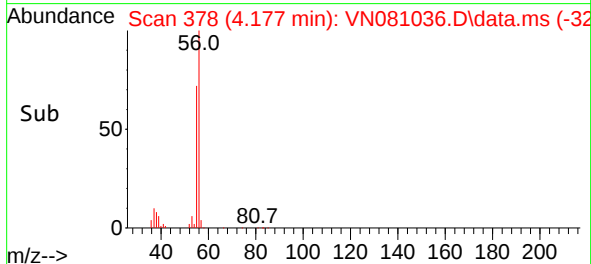
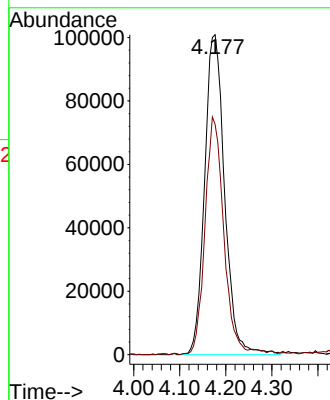
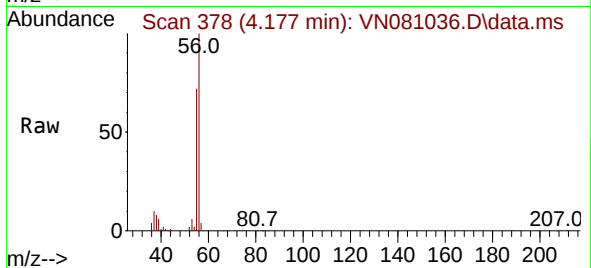
55 68.7 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#14

Allyl chloride

Concen: 47.188 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

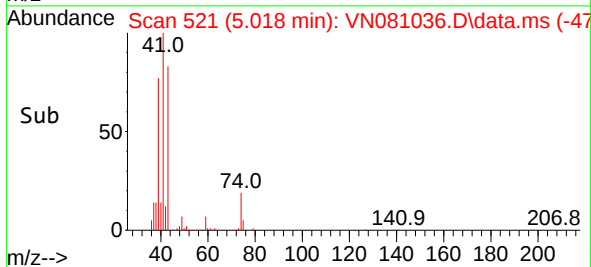
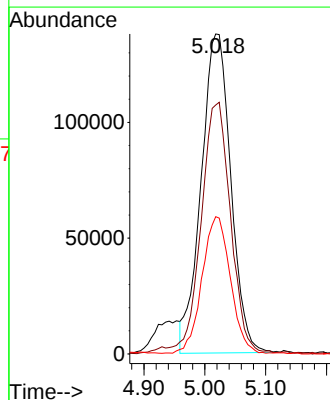
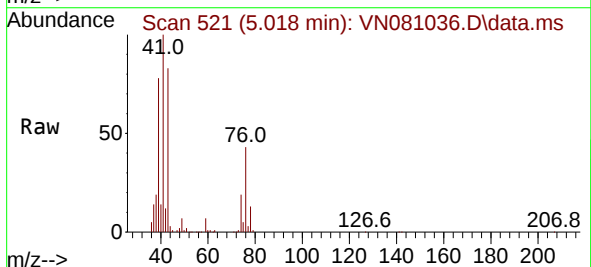
Tgt Ion: 41 Resp: 467583

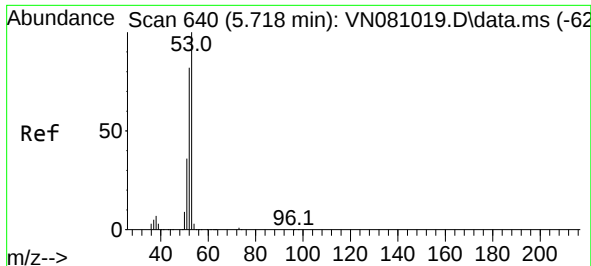
Ion Ratio Lower Upper

41 100

39 76.8 57.7 86.5

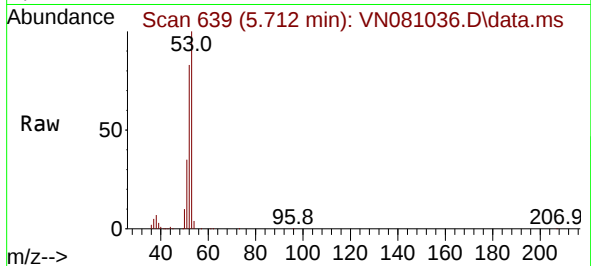
76 40.7 26.8 40.2#





#15
Acrylonitrile
Concen: 256.611 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

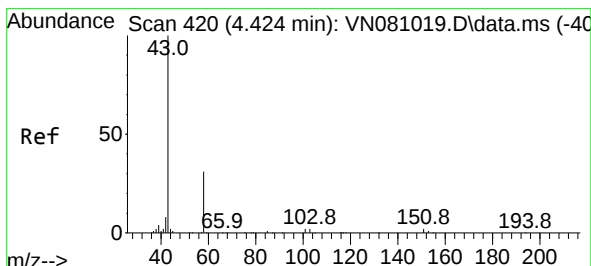
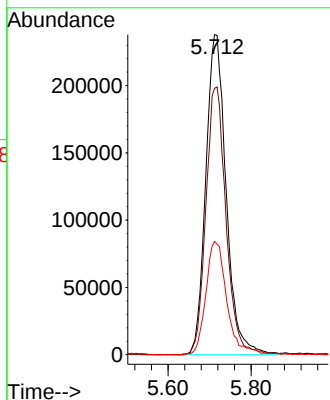
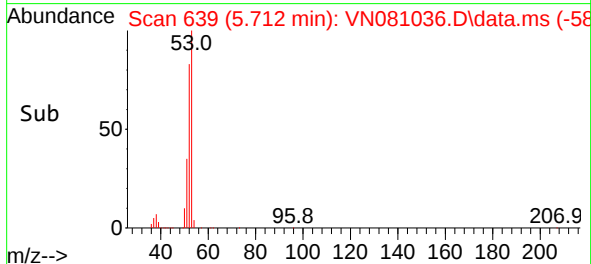
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 80953
Ion Ratio Lower Upper
53 100
52 82.8 64.8 97.2
51 36.5 26.9 40.3

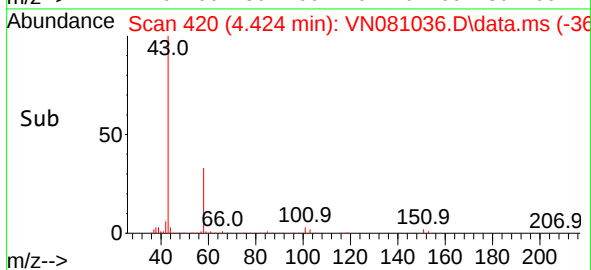
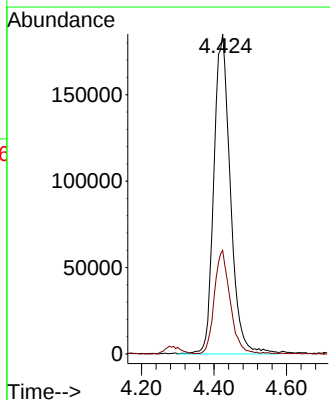
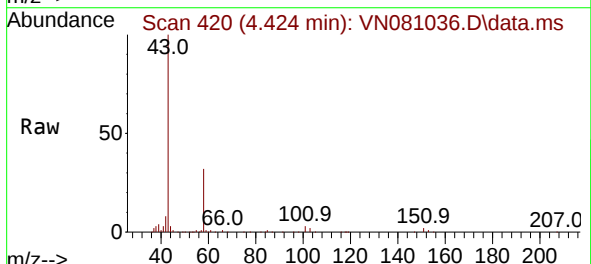
Manual Integrations
APPROVED

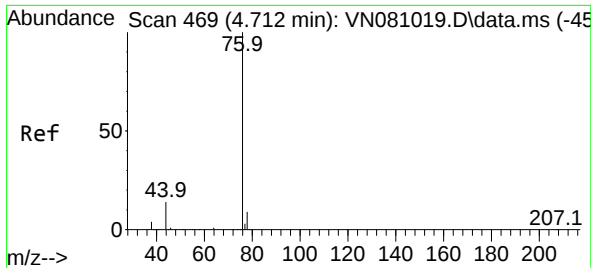
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#16
Acetone
Concen: 218.181 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

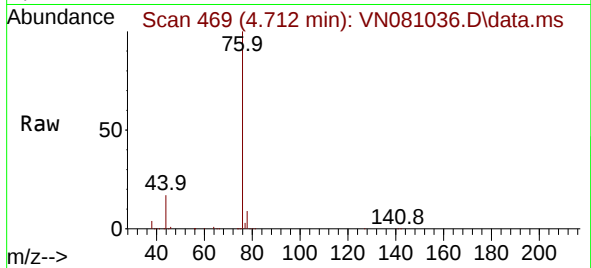
Tgt Ion: 43 Resp: 586506
Ion Ratio Lower Upper
43 100
58 32.1 24.8 37.2





#17
Carbon Disulfide
Concen: 47.245 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

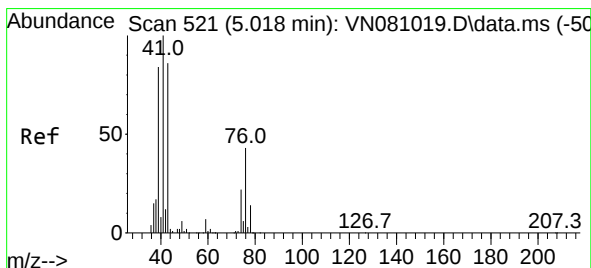
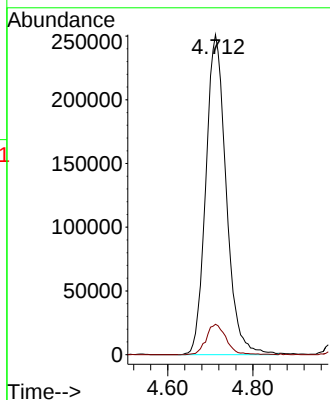
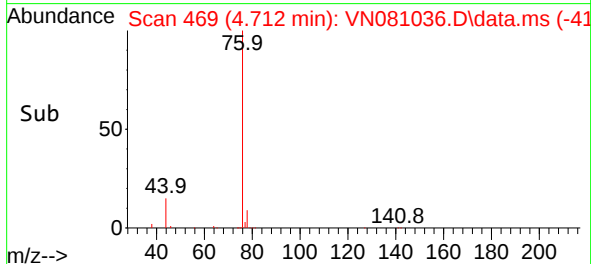
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



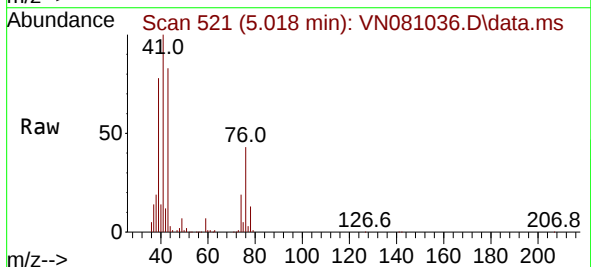
Tgt Ion: 76 Resp: 832908
Ion Ratio Lower Upper
76 100
78 9.5 6.3 9.5

Manual Integrations
APPROVED

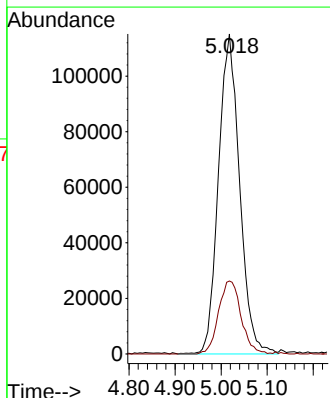
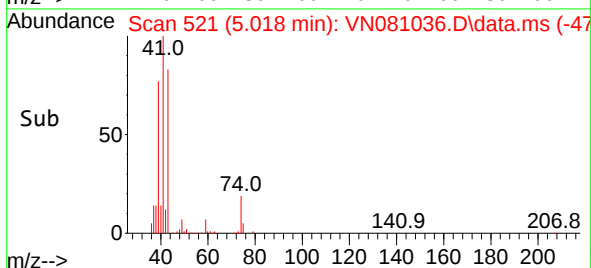
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

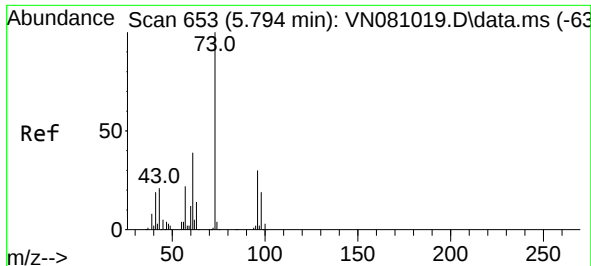


#18
Methyl Acetate
Concen: 51.809 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26



Tgt Ion: 43 Resp: 366813
Ion Ratio Lower Upper
43 100
74 24.2 17.3 25.9





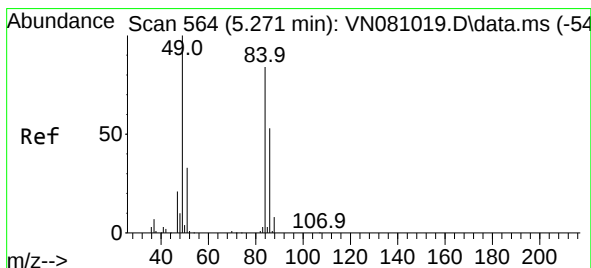
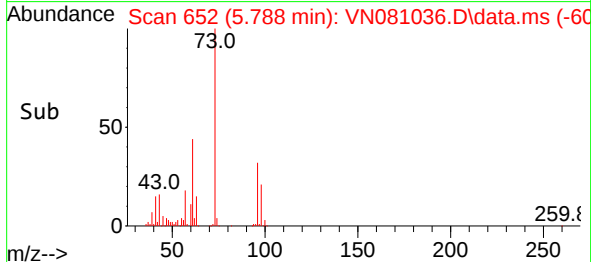
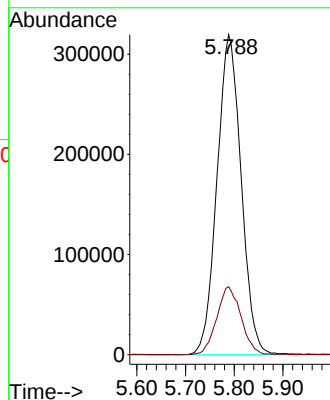
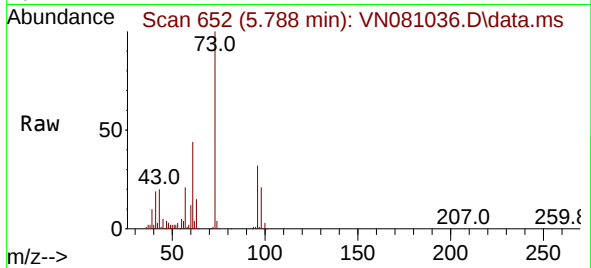
#19
Methyl tert-butyl Ether
Concen: 51.814 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 110007
Ion Ratio Lower Upper
73 100
57 21.3 18.2 27.4

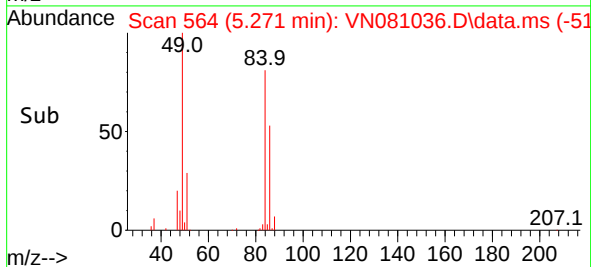
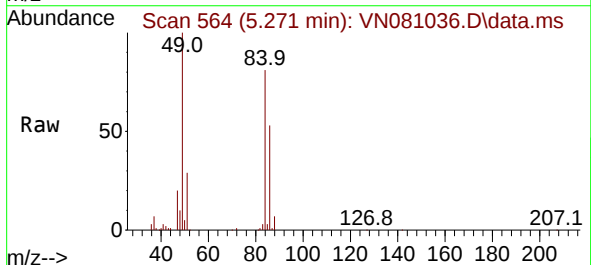
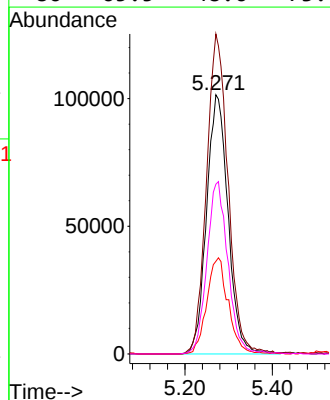
Manual Integrations
APPROVED

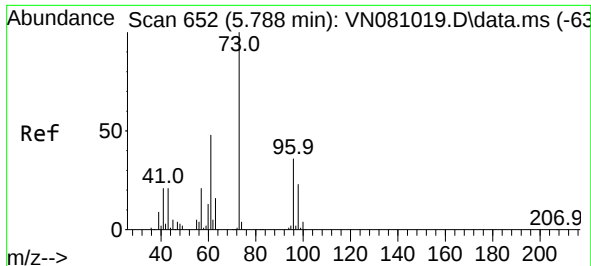
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#20
Methylene Chloride
Concen: 49.552 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

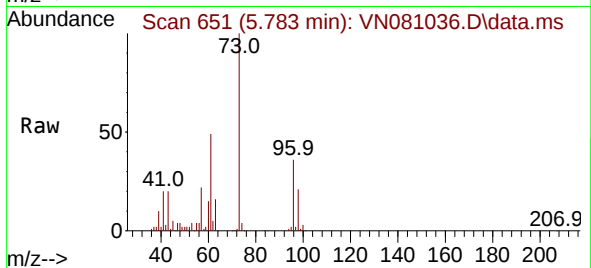
Tgt Ion: 84 Resp: 346962
Ion Ratio Lower Upper
84 100
49 123.5 108.1 162.1
51 35.8 32.9 49.3
86 65.5 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 49.187 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

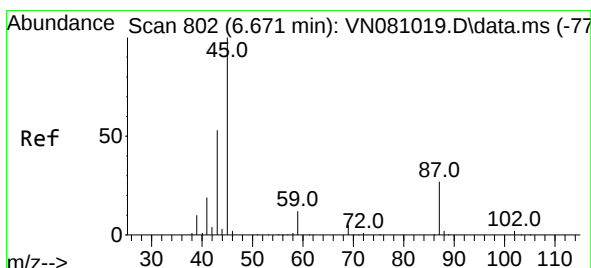
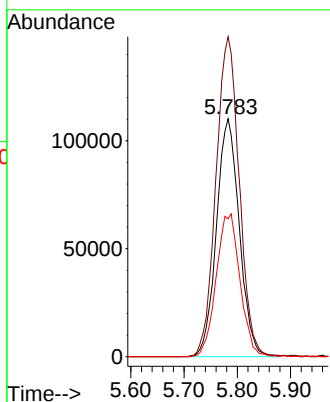
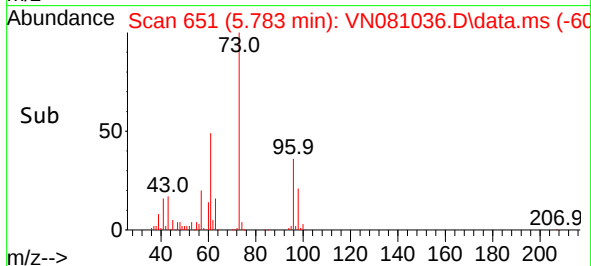
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 329024
Ion Ratio Lower Upper
96 100
61 134.5 112.8 169.2
98 58.0 51.0 76.4

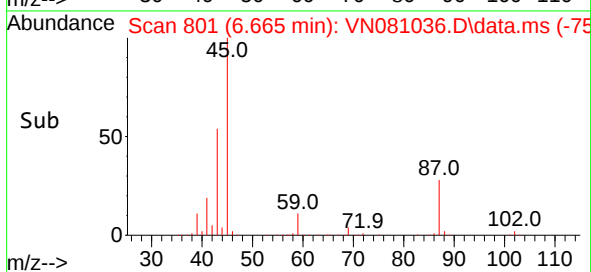
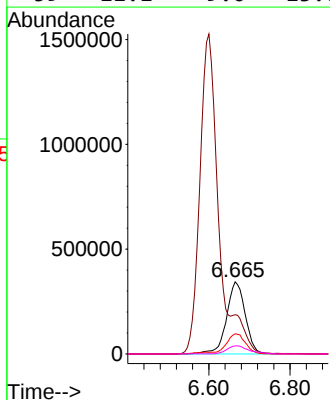
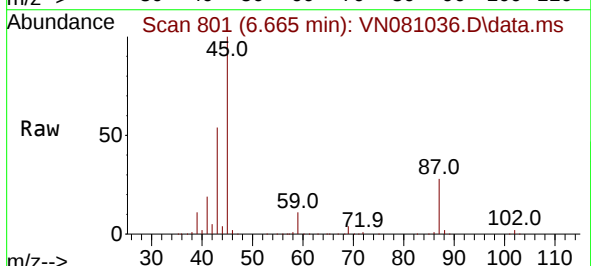
Manual Integrations
APPROVED

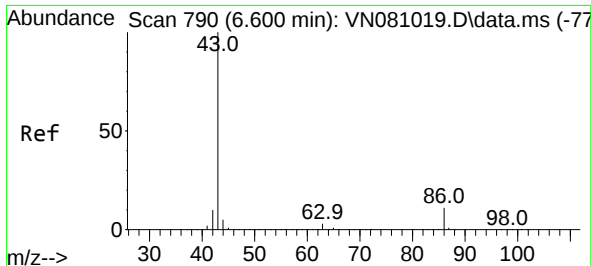
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#22
Diisopropyl ether
Concen: 50.699 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Tgt Ion: 45 Resp: 1098831
Ion Ratio Lower Upper
45 100
43 54.4 41.8 62.8
87 27.9 18.1 27.1#
59 11.1 9.0 13.6





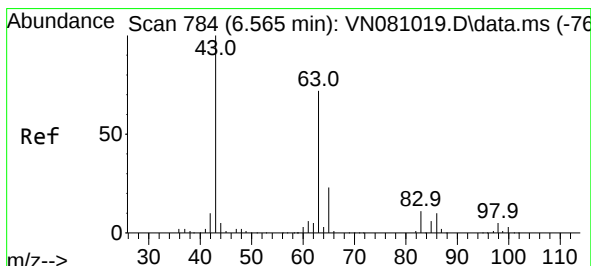
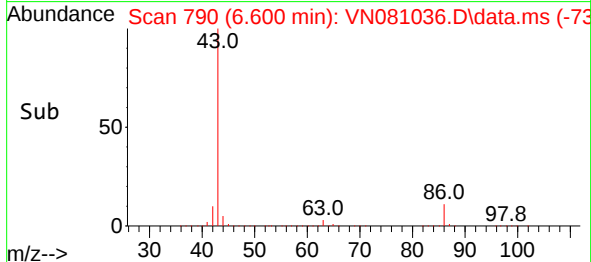
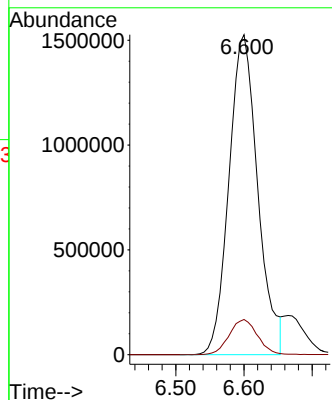
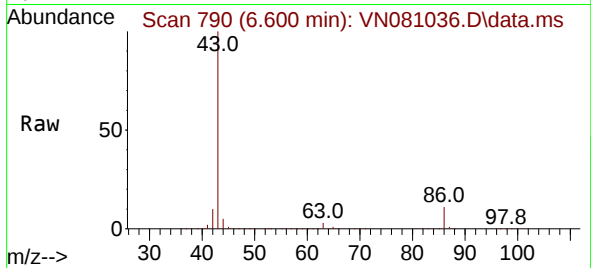
#23
 Vinyl Acetate
 Concen: 257.176 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081036.D
 Acq: 15 Feb 2024 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 449264
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7

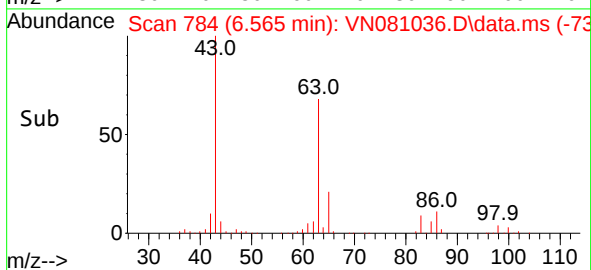
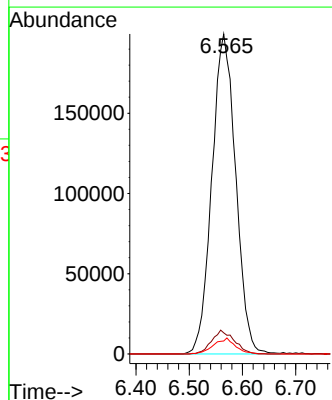
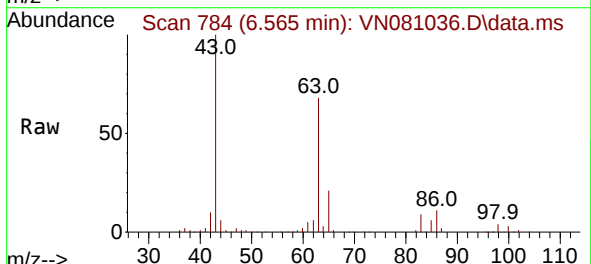
Manual Integrations
 APPROVED

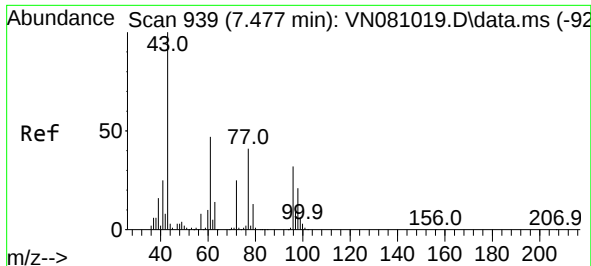
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024



#24
 1,1-Dichloroethane
 Concen: 51.250 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN081036.D
 Acq: 15 Feb 2024 13:26

Tgt Ion: 63 Resp: 619431
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.6
 100 4.0 1.9 5.7





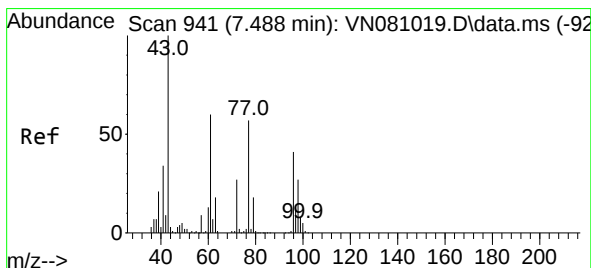
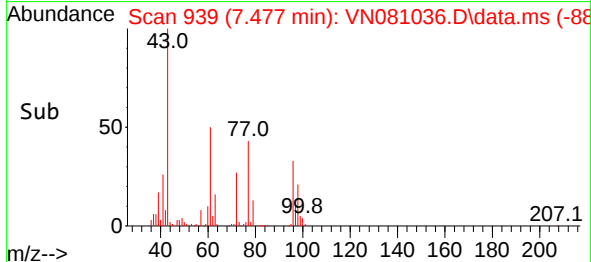
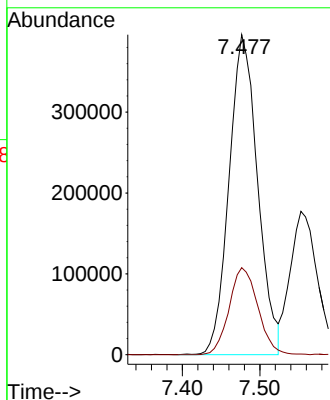
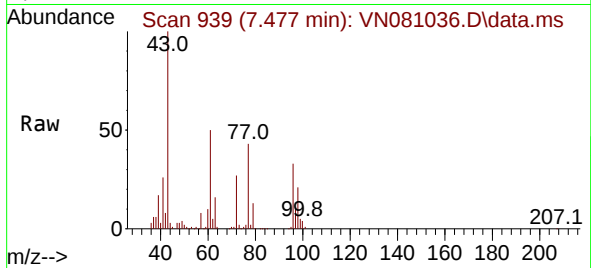
#25
2-Butanone
Concen: 232.918 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 101647
Ion Ratio Lower Upper
43 100
72 27.2 19.5 29.3

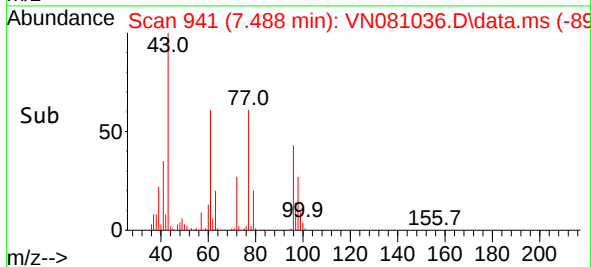
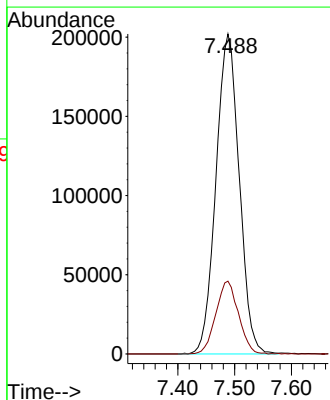
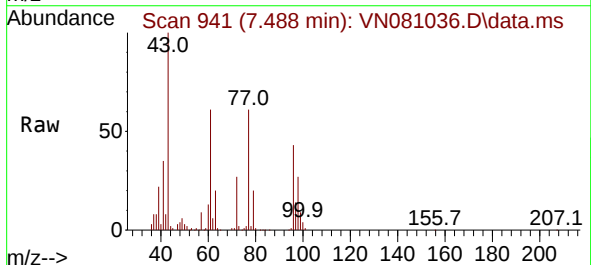
Manual Integrations
APPROVED

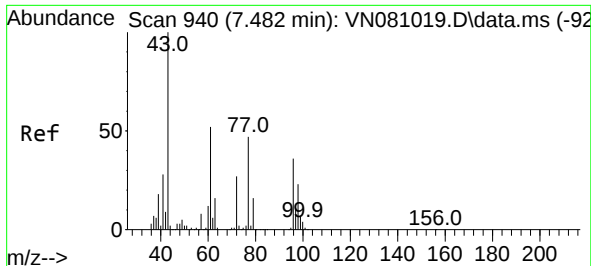
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#26
2,2-Dichloropropane
Concen: 51.644 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

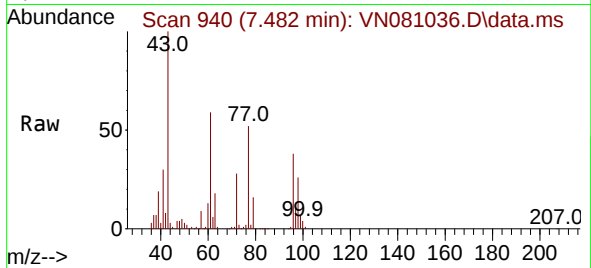
Tgt Ion: 77 Resp: 574466
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 49.590 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

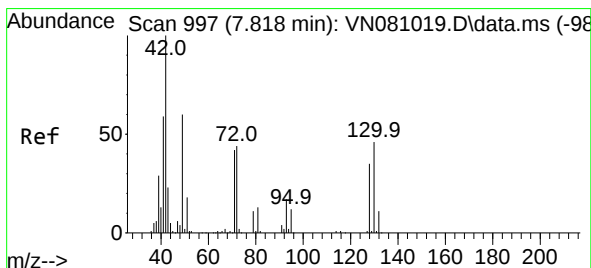
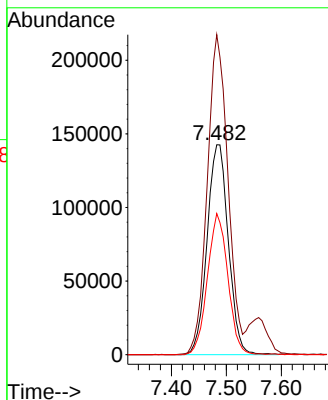
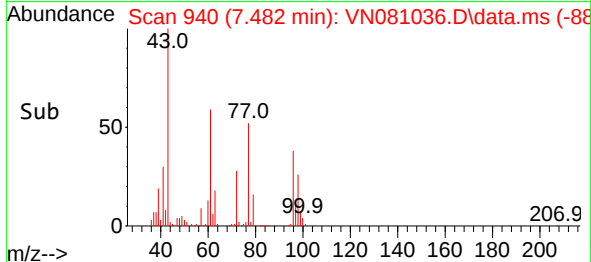
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 383378
Ion Ratio Lower Upper
96 100
61 147.8 0.0 325.4
98 64.6 0.0 130.4

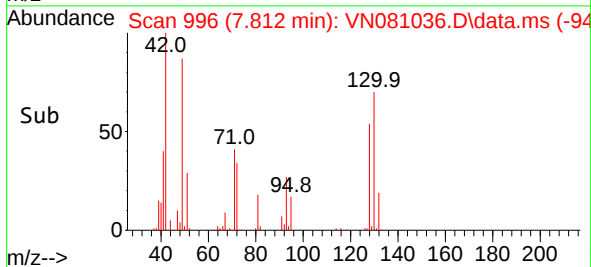
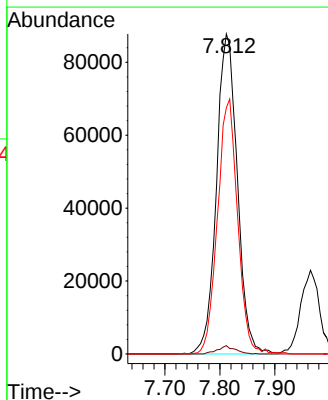
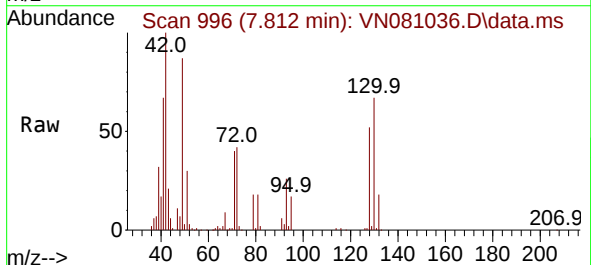
Manual Integrations
APPROVED

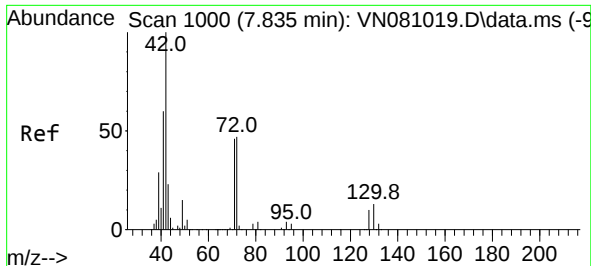
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#28
Bromochloromethane
Concen: 47.489 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Tgt Ion: 49 Resp: 231722
Ion Ratio Lower Upper
49 100
129 2.2 0.0 1.6#
130 76.7 42.3 63.5#





#29

Tetrahydrofuran

Concen: 246.768 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

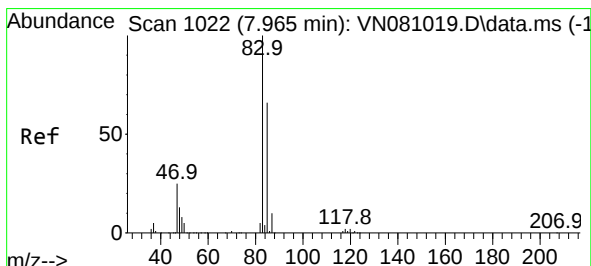
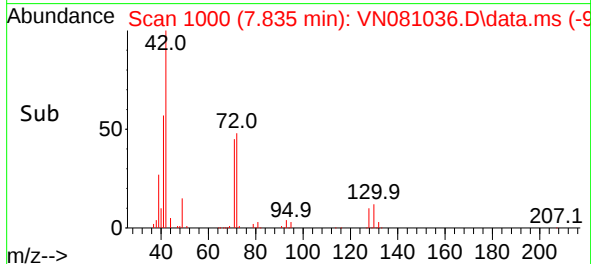
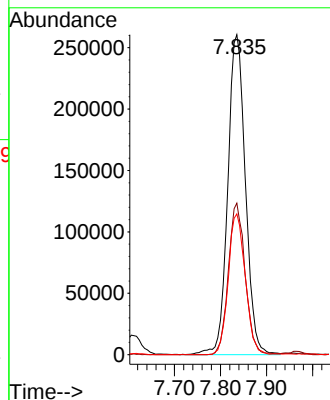
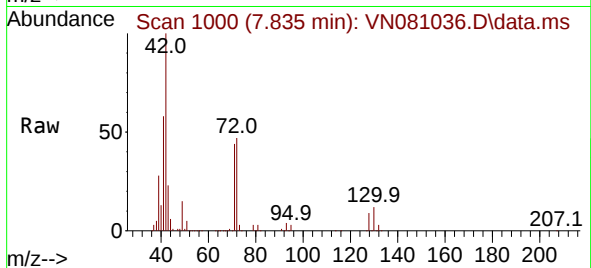
Tgt Ion:	42	Resp:	692104
Ion	Ratio	Lower	Upper
42	100		
72	44.9	31.1	46.7
71	42.4	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#30

Chloroform

Concen: 49.710 ug/l

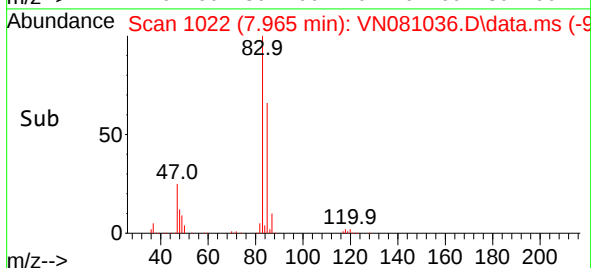
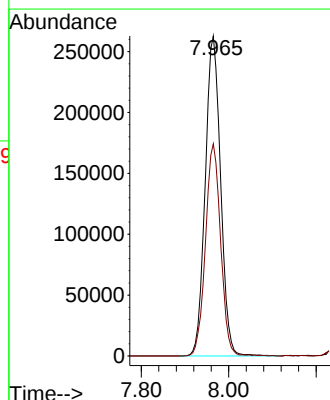
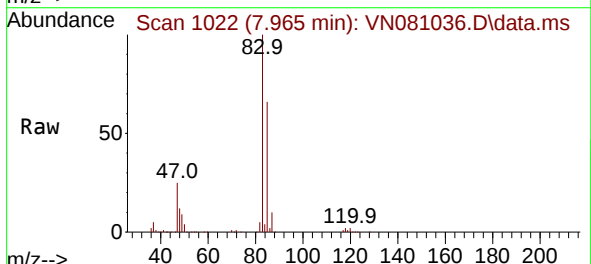
RT: 7.965 min Scan# 1022

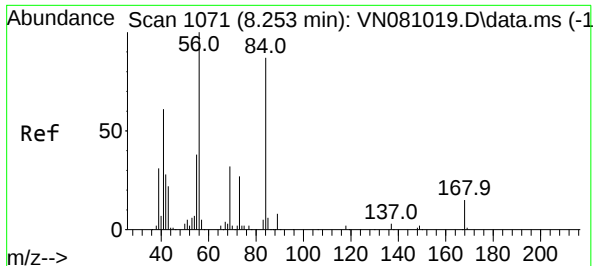
Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

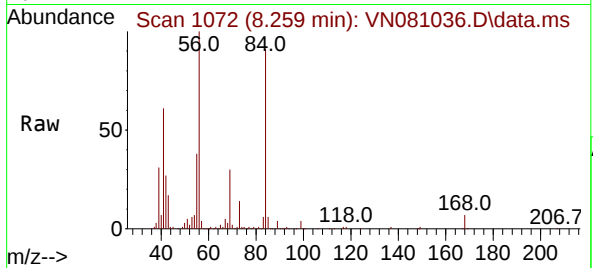
Tgt Ion:	83	Resp:	644787
Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.0	76.6





#31
Cyclohexane
Concen: 45.470 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

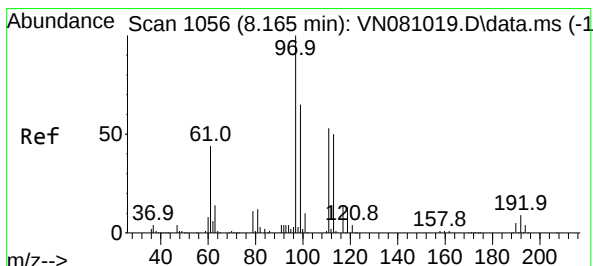
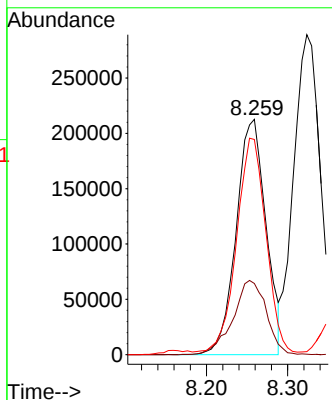
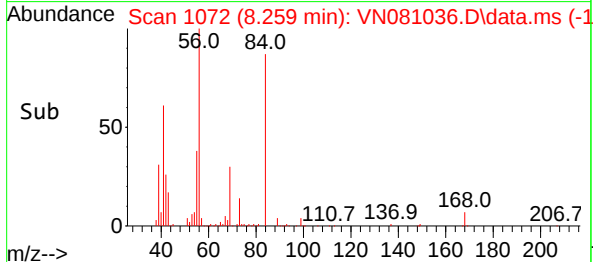
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



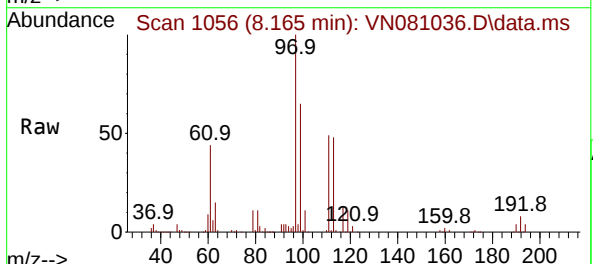
Tgt Ion: 56 Resp: 542424
Ion Ratio Lower Upper
56 100
69 30.3 20.1 30.1
84 89.8 56.9 85.3

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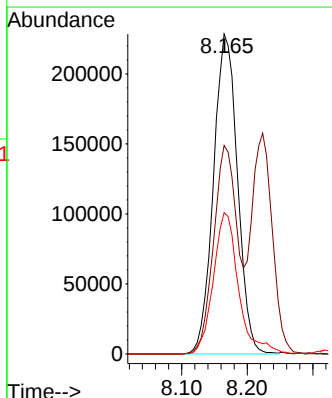
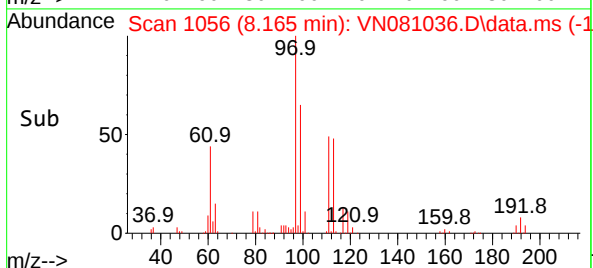
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

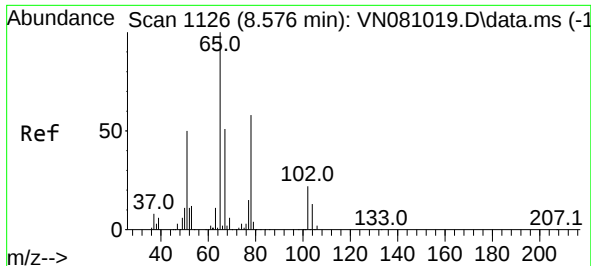


#32
1,1,1-Trichloroethane
Concen: 50.680 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26



Tgt Ion: 97 Resp: 580456
Ion Ratio Lower Upper
97 100
99 63.9 53.4 80.0
61 46.4 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 47.547 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 32649

Ion Ratio Lower Upper

65 100

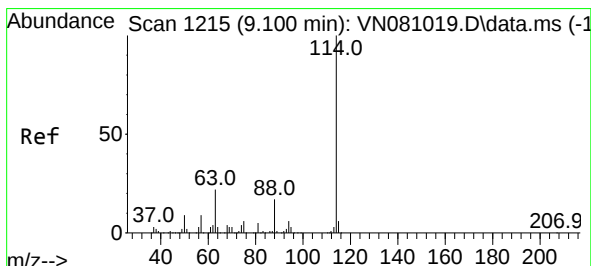
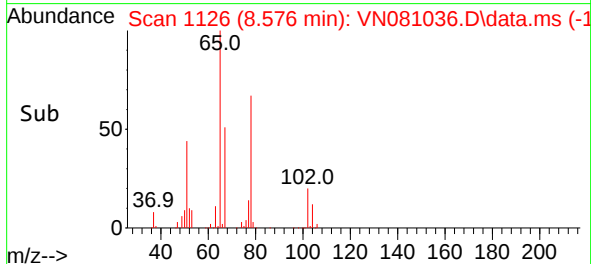
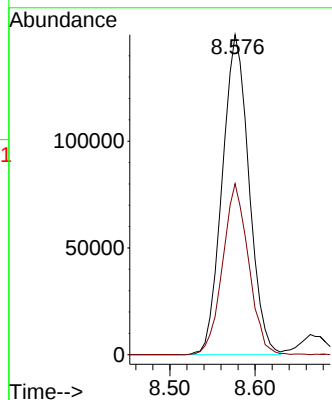
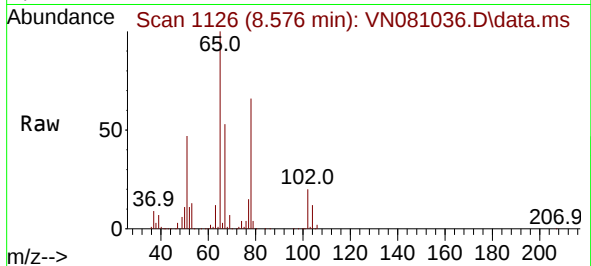
67 51.9 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

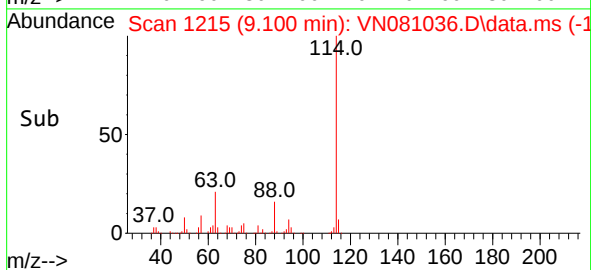
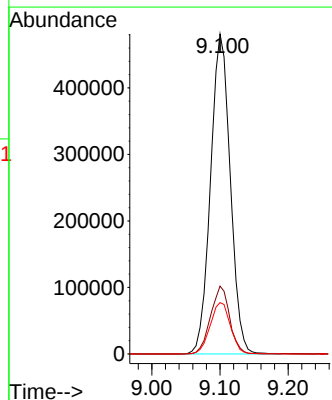
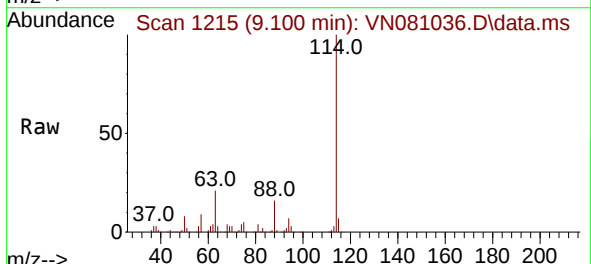
Tgt Ion:114 Resp: 969027

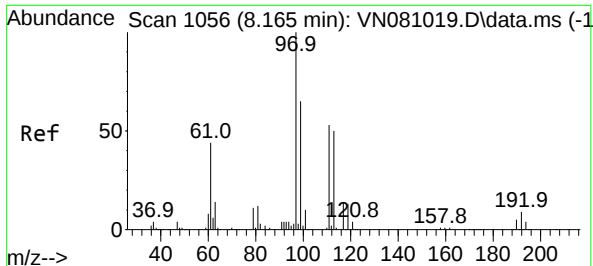
Ion Ratio Lower Upper

114 100

63 21.2 0.0 48.0

88 16.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.010 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 266739

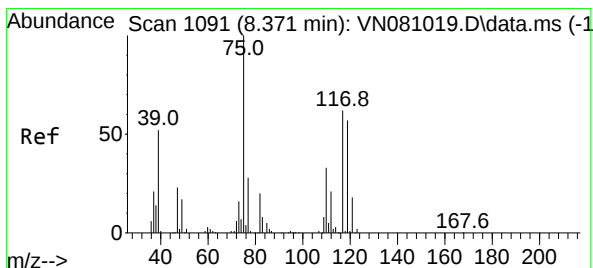
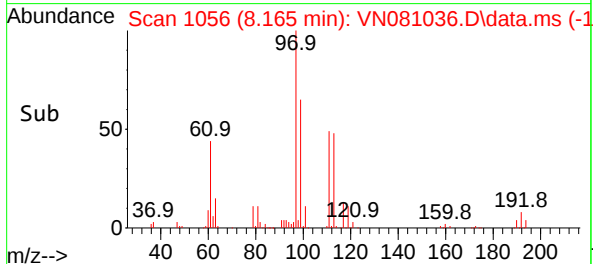
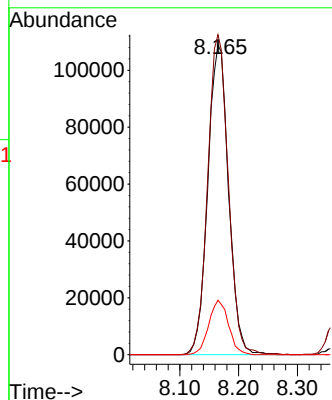
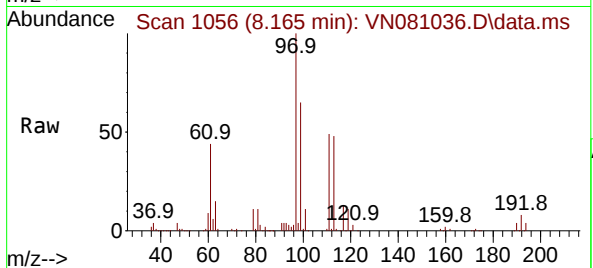
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	16.8	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#36

1,1-Dichloropropene

Concen: 52.055 ug/l

RT: 8.371 min Scan# 1091

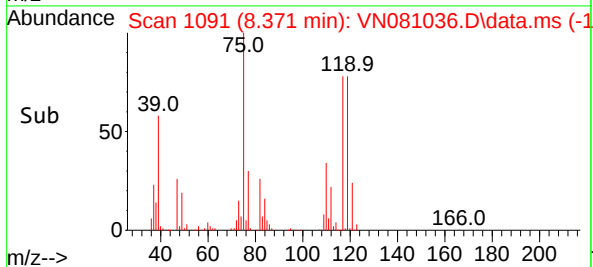
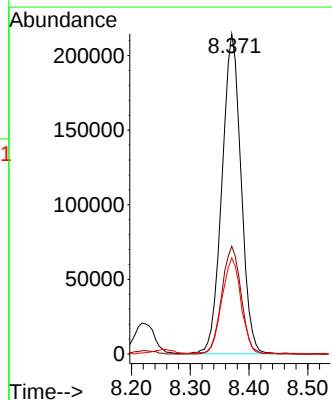
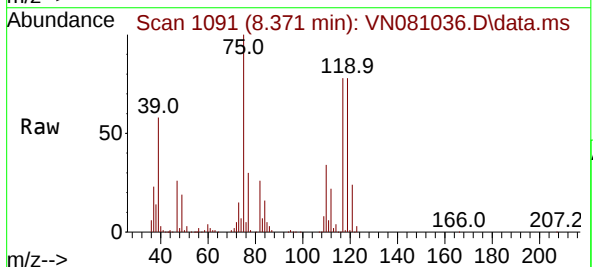
Delta R.T. -0.000 min

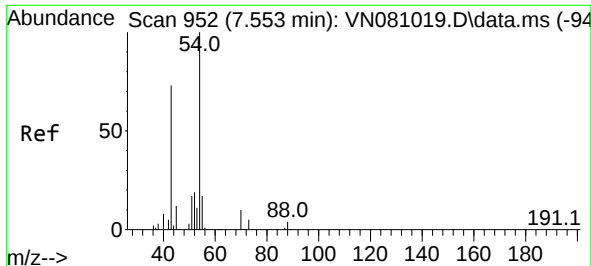
Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Tgt Ion: 75 Resp: 482546

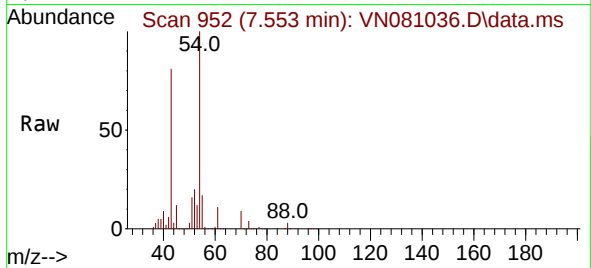
Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.0	48.0
77	30.6	25.8	38.6





#37
Ethyl Acetate
Concen: 52.250 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

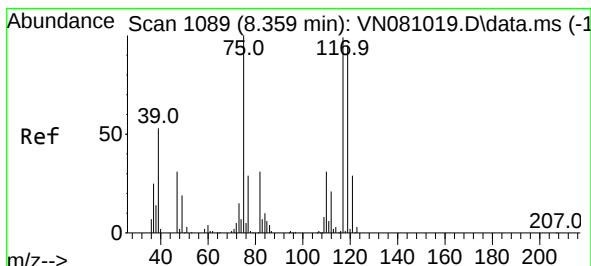
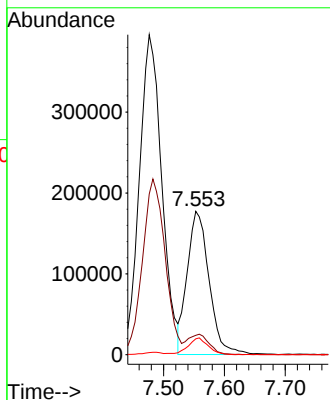
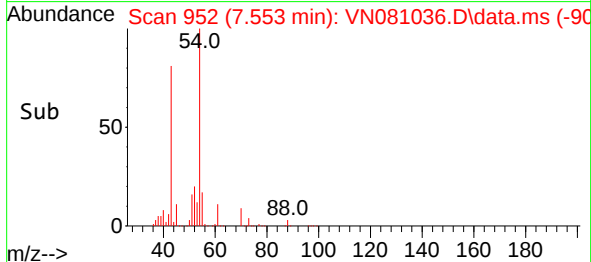
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 443070
Ion Ratio Lower Upper
43 100
61 12.8 10.6 15.8
70 10.6 8.0 12.0

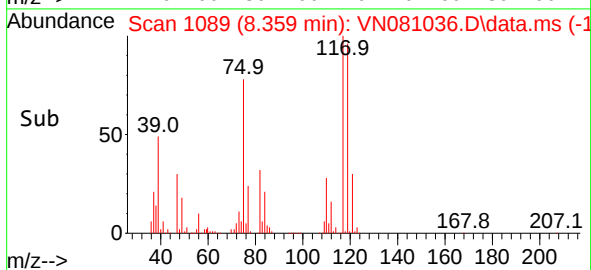
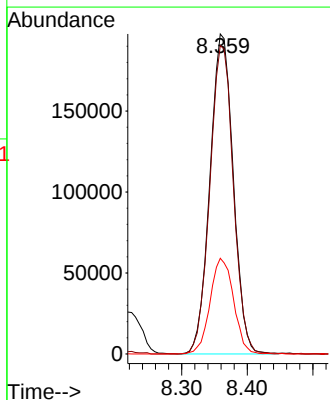
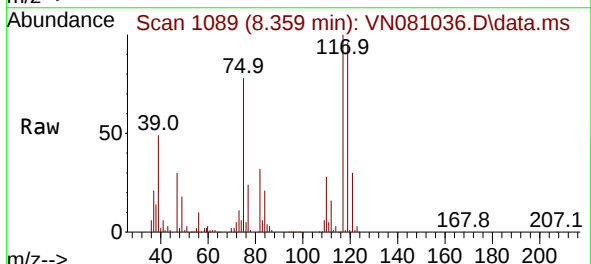
Manual Integrations
APPROVED

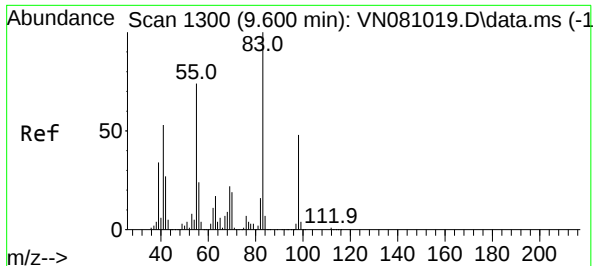
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#38
Carbon Tetrachloride
Concen: 72.007 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Tgt Ion:117 Resp: 488588
Ion Ratio Lower Upper
117 100
119 96.3 73.4 110.2
121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 52.309 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 59656

Ion Ratio Lower Upper

83 100

55 75.5 65.7 98.5

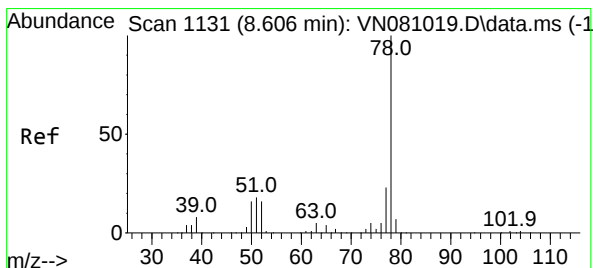
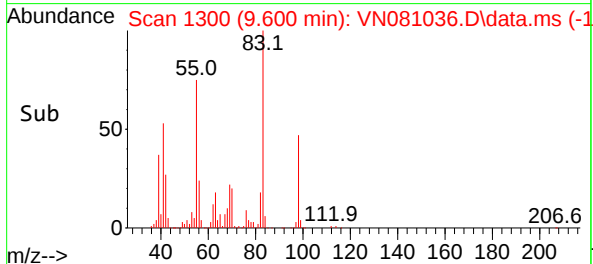
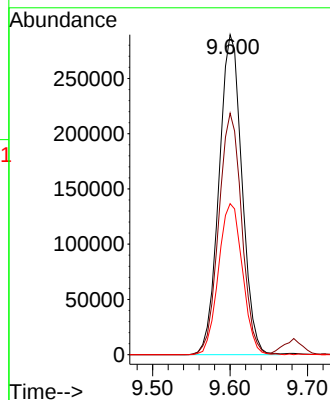
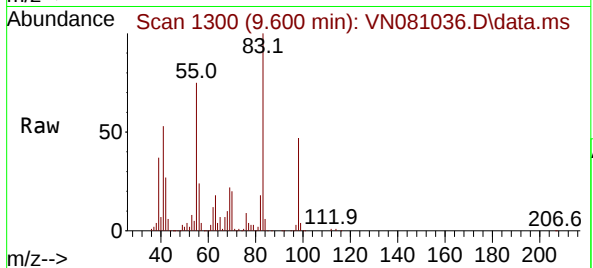
98 47.2 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#40

Benzene

Concen: 51.196 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081036.D

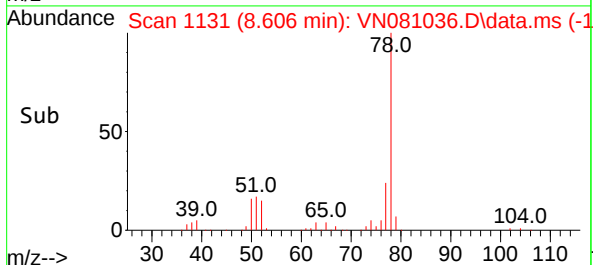
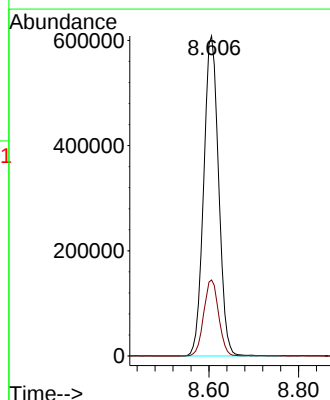
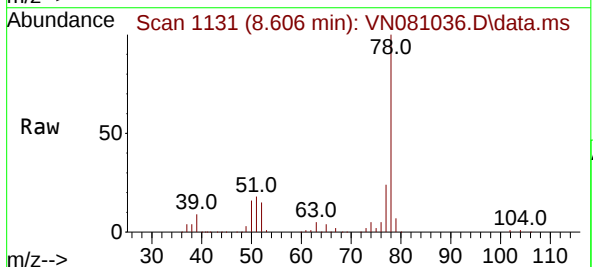
Acq: 15 Feb 2024 13:26

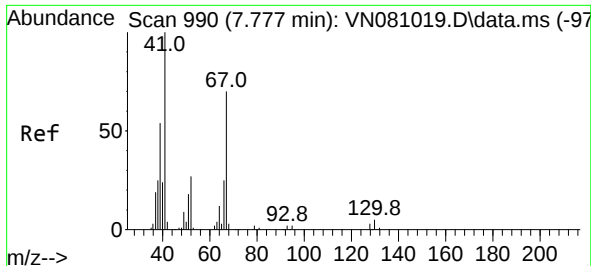
Tgt Ion: 78 Resp: 1403432

Ion Ratio Lower Upper

78 100

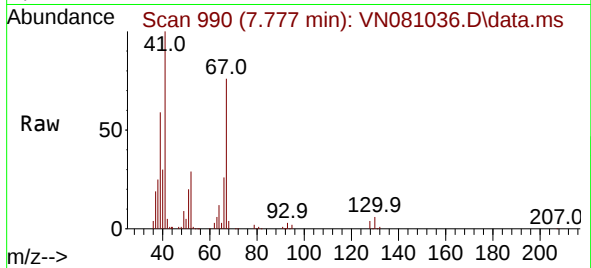
77 23.8 20.4 30.6





#41
Methacrylonitrile
Concen: 48.754 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

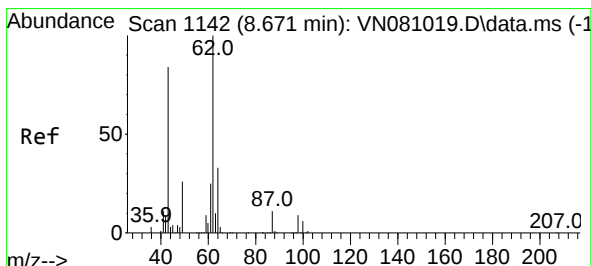
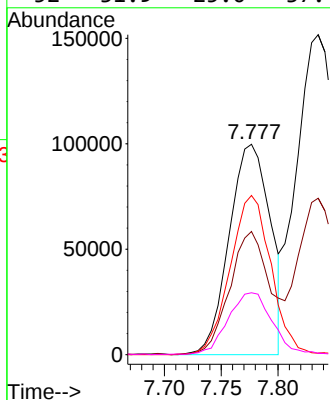
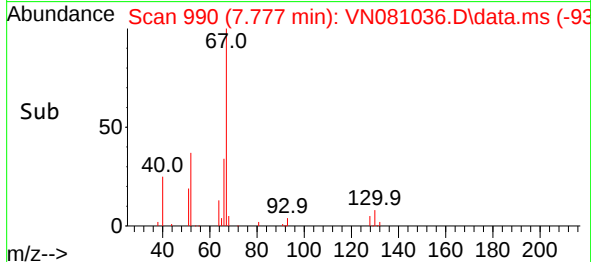
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



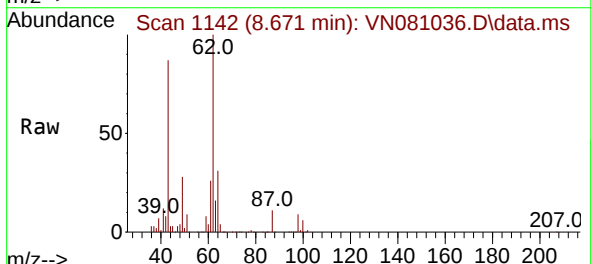
Tgt Ion: 41 Resp: 250970
Ion Ratio Lower Upper
41 100
39 59.2 48.4 72.6
67 75.5 56.8 85.2
52 31.9 25.0 37.4

Manual Integrations
APPROVED

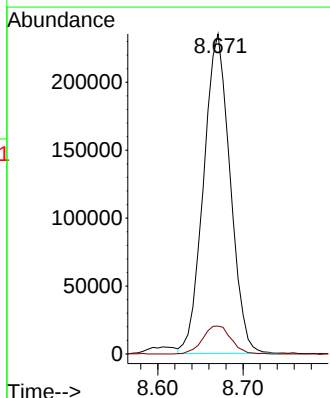
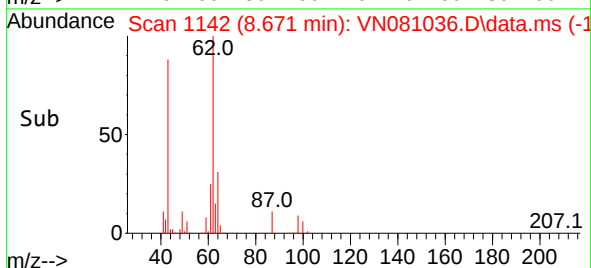
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

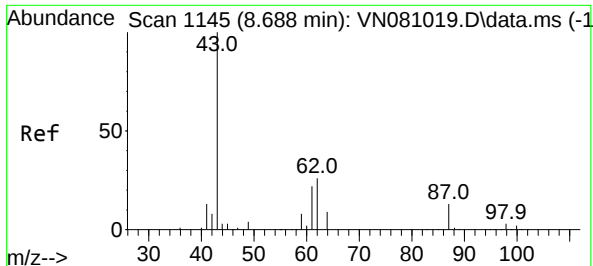


#42
1,2-Dichloroethane
Concen: 52.219 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26



Tgt Ion: 62 Resp: 508123
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0





#43

Isopropyl Acetate

Concen: 50.107 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 796069

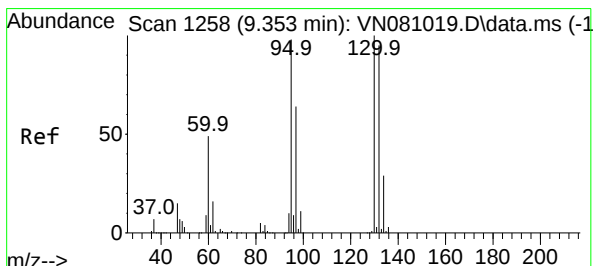
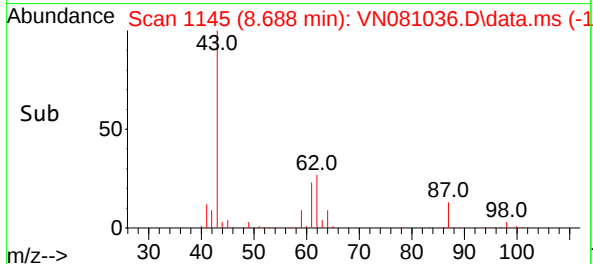
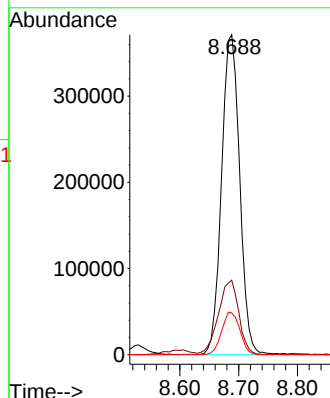
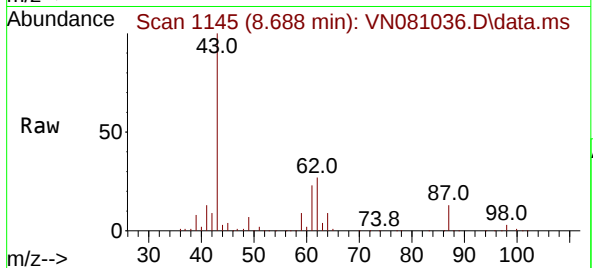
Ion	Ratio	Lower	Upper
43	100		
61	26.2	19.9	29.9
87	13.3	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#44

Trichloroethene

Concen: 44.788 ug/l

RT: 9.353 min Scan# 1258

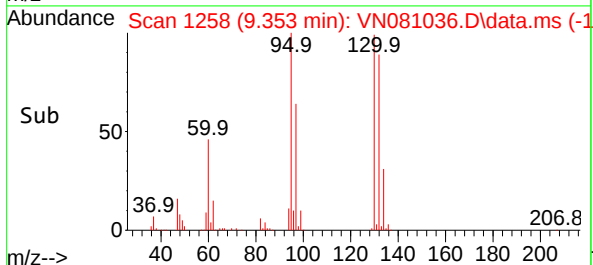
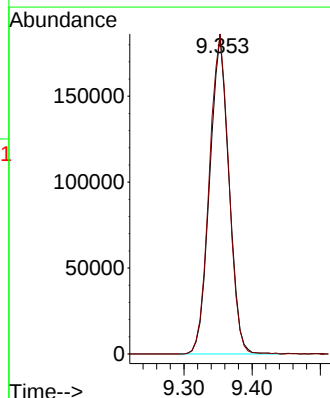
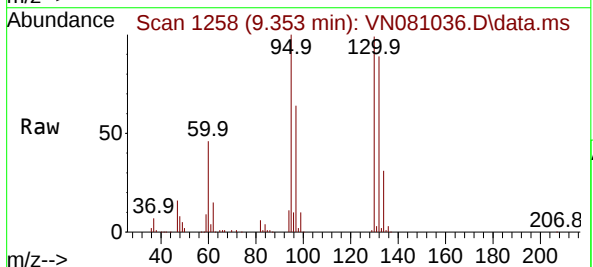
Delta R.T. -0.000 min

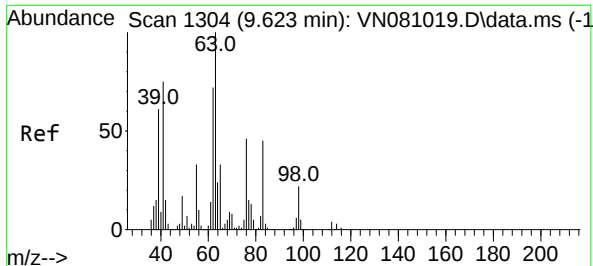
Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Tgt Ion:130 Resp: 363650

Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	210.4





#45

1,2-Dichloropropane

Concen: 52.929 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 358924

Ion Ratio Lower Upper

63 100

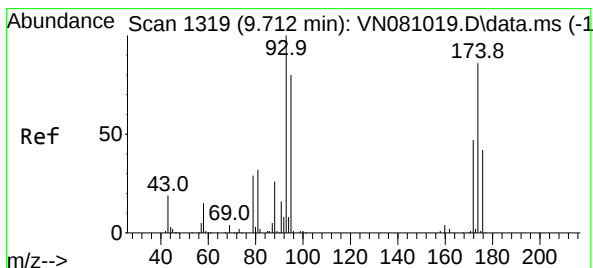
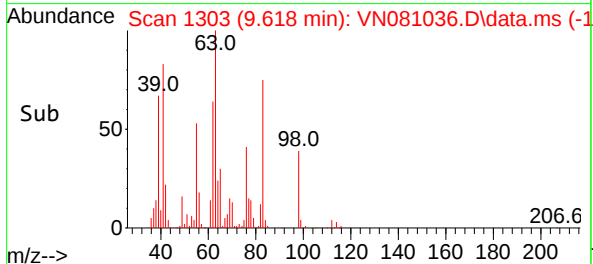
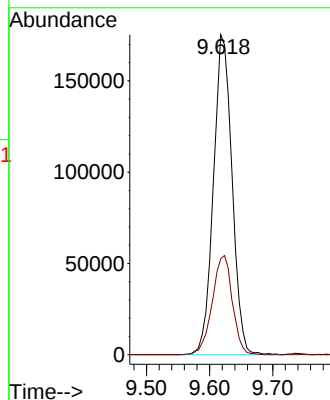
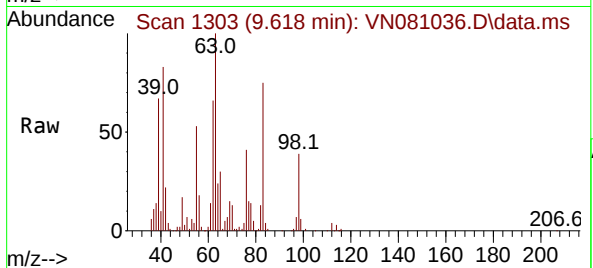
65 29.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#46

Dibromomethane

Concen: 52.134 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

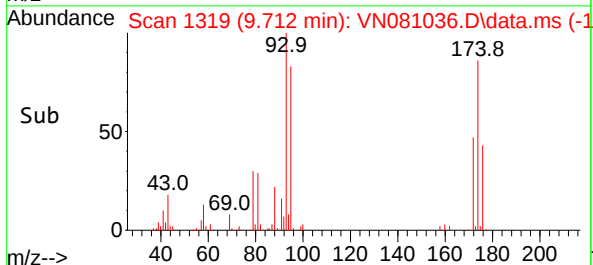
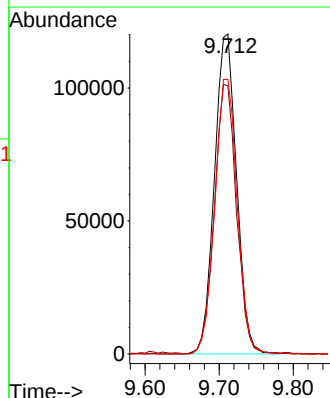
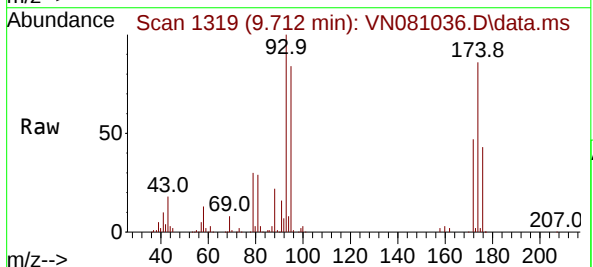
Tgt Ion: 93 Resp: 249544

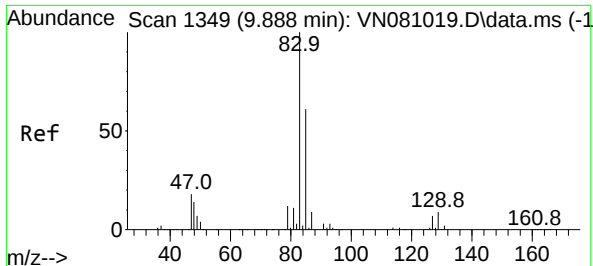
Ion Ratio Lower Upper

93 100

95 84.6 68.1 102.1

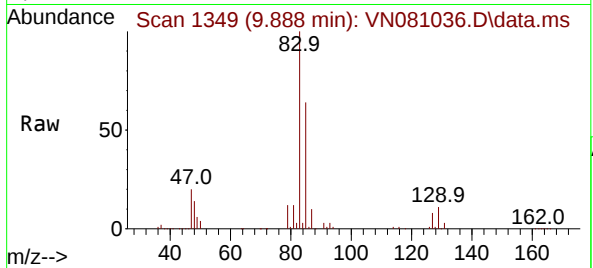
174 87.3 57.2 85.8





#47
Bromodichloromethane
Concen: 55.399 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

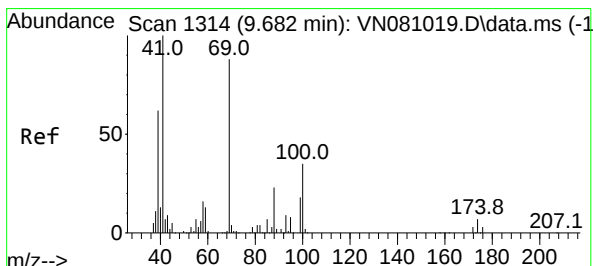
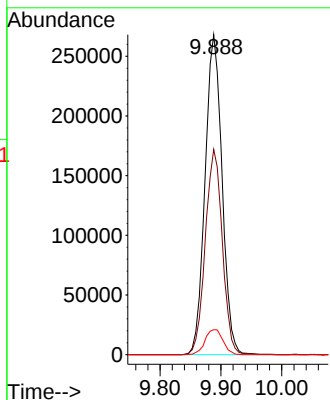
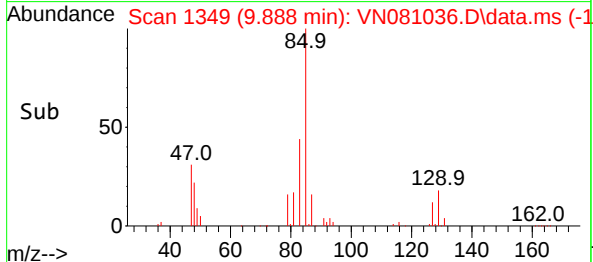
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



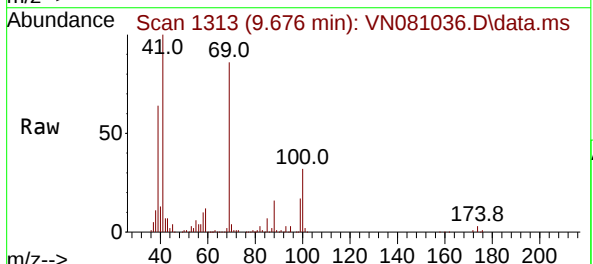
Tgt Ion: 83 Resp: 519700
Ion Ratio Lower Upper
83 100
85 64.1 52.3 78.5
127 7.8 4.6 7.0

Manual Integrations
APPROVED

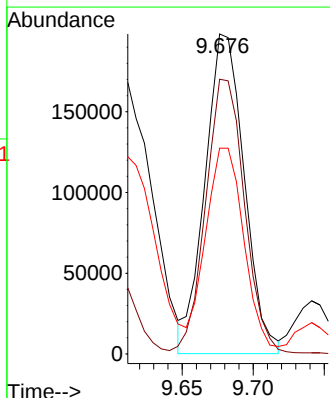
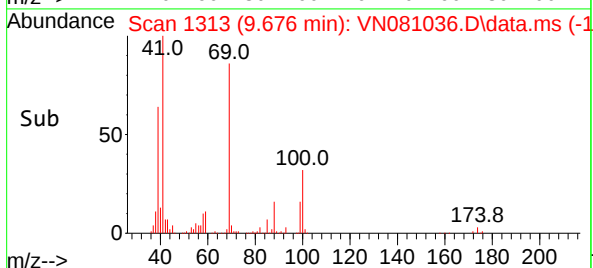
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

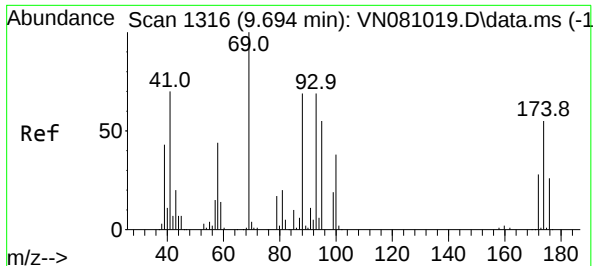


#48
Methyl methacrylate
Concen: 50.747 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26



Tgt Ion: 41 Resp: 379592
Ion Ratio Lower Upper
41 100
69 85.6 62.2 93.2
39 63.4 47.6 71.4





#49

1,4-Dioxane

Concen: 1106.628 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 140835

Ion Ratio Lower Upper

88 100

43 28.7 30.1 45.1

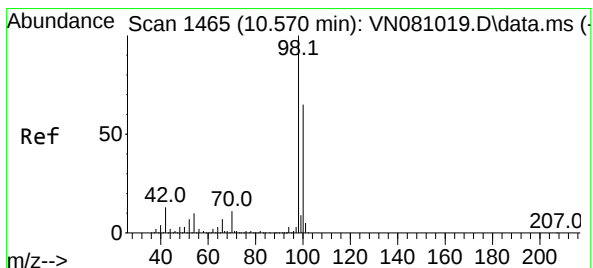
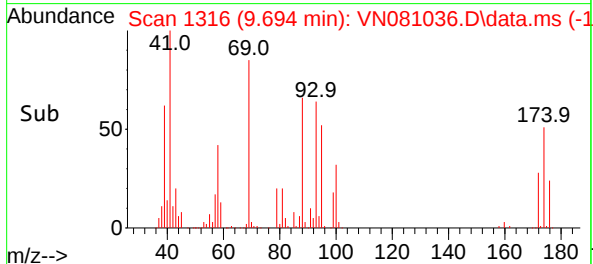
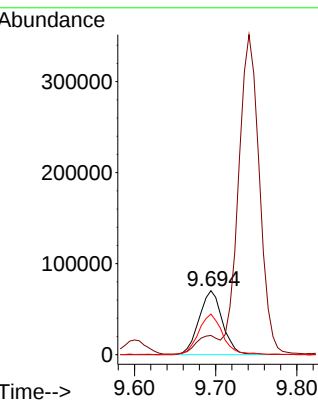
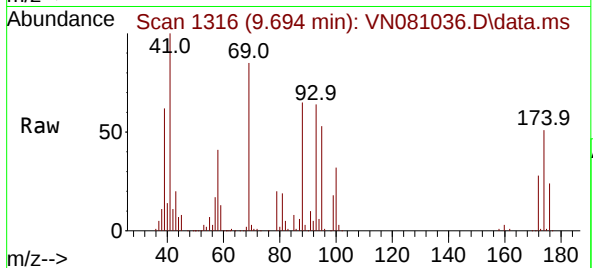
58 65.6 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#50

Toluene-d8

Concen: 47.157 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081036.D

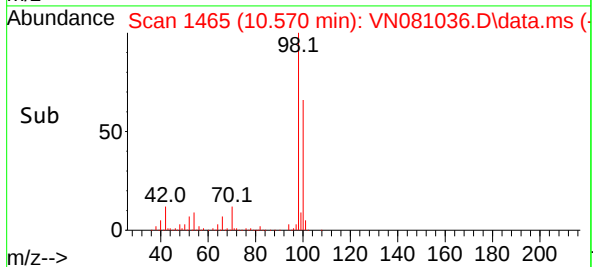
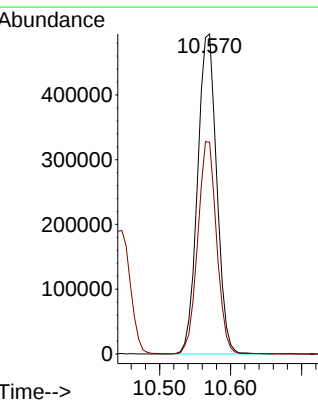
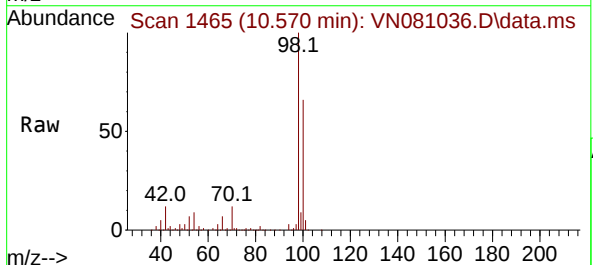
Acq: 15 Feb 2024 13:26

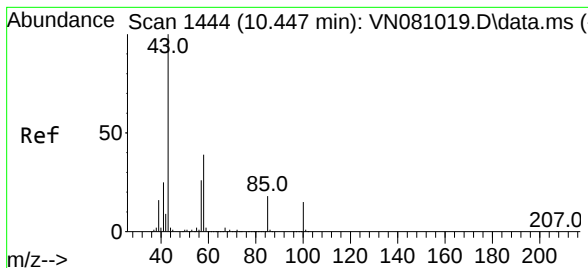
Tgt Ion: 98 Resp: 924005

Ion Ratio Lower Upper

98 100

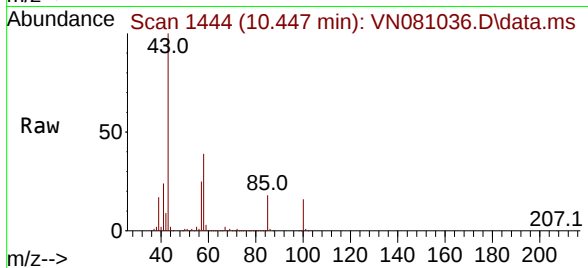
100 65.1 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 254.758 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

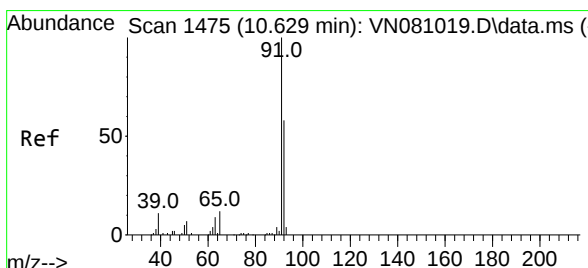
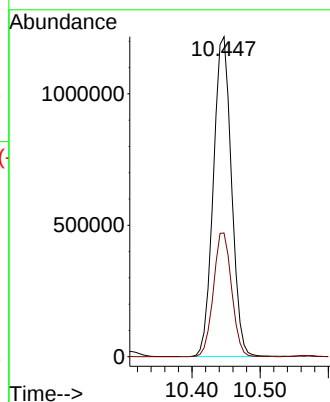
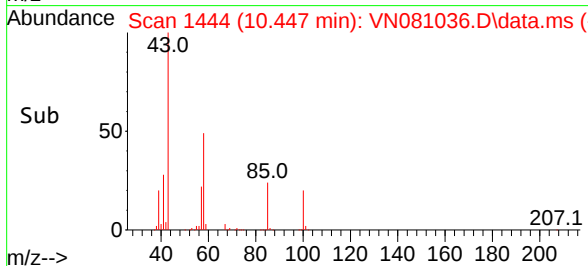
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 2257194
Ion Ratio Lower Upper
43 100
58 38.9 29.4 44.0

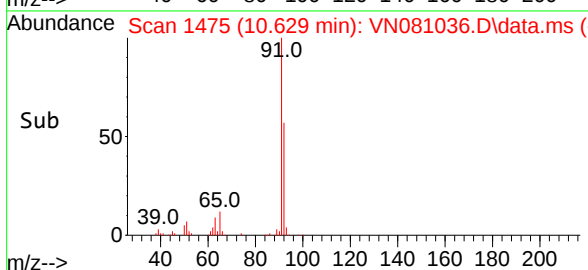
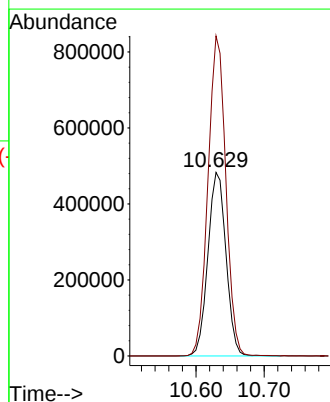
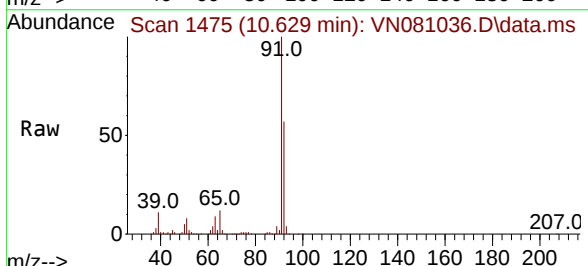
Manual Integrations
APPROVED

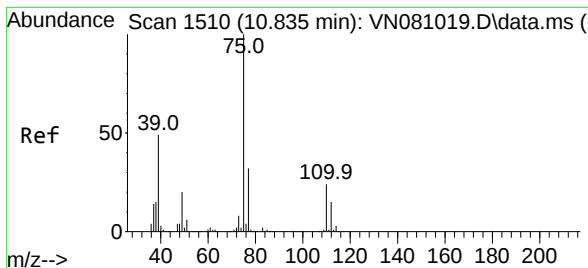
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#52
Toluene
Concen: 52.116 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

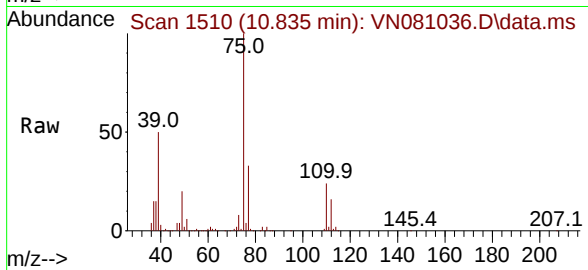
Tgt Ion: 92 Resp: 892424
Ion Ratio Lower Upper
92 100
91 171.9 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 53.729 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081036.D
 Acq: 15 Feb 2024 13:26

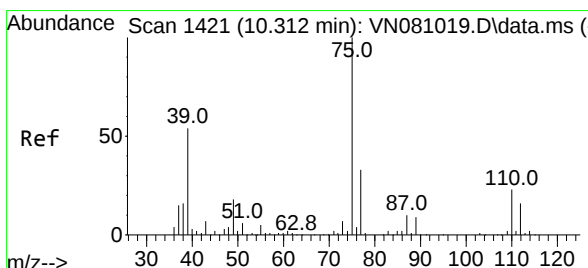
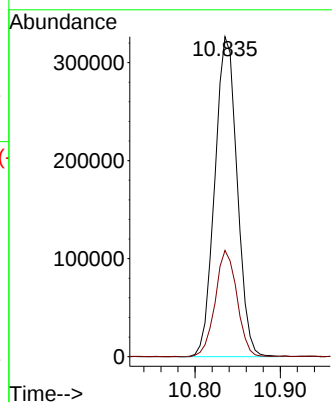
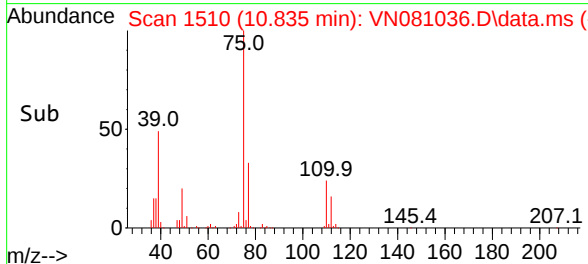
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 593818
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.5 38.3

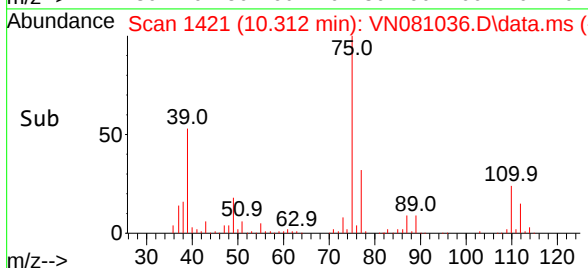
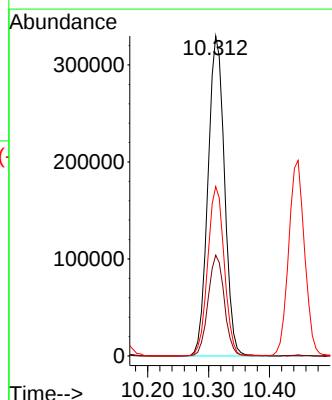
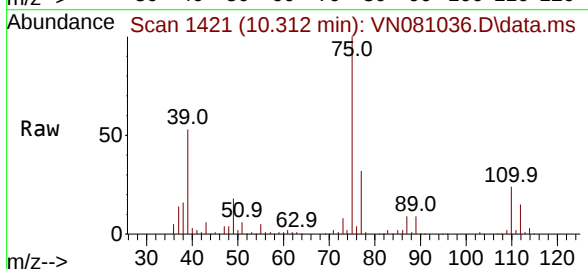
Manual Integrations
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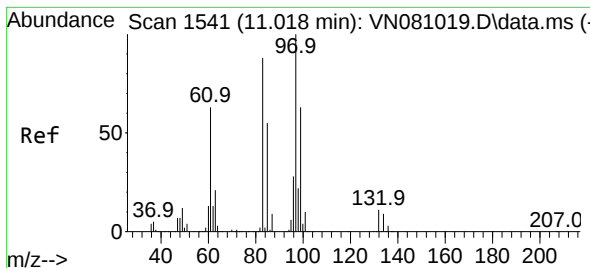
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024



#54
 cis-1,3-Dichloropropene
 Concen: 53.171 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081036.D
 Acq: 15 Feb 2024 13:26

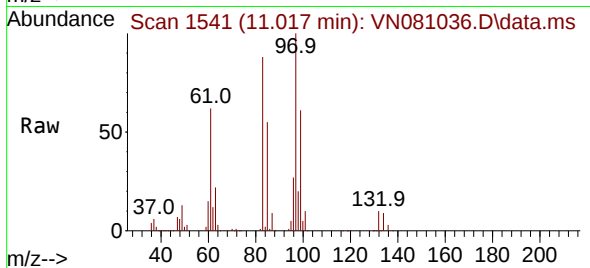
Tgt Ion: 75 Resp: 621494
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.3 34.9
 39 52.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 54.191 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

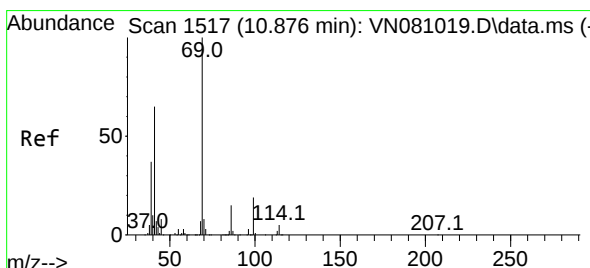
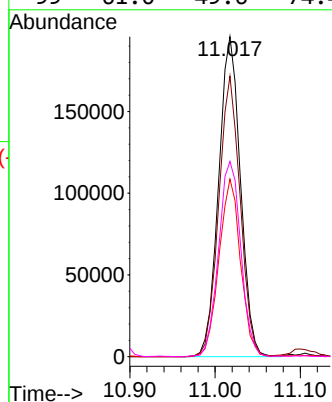
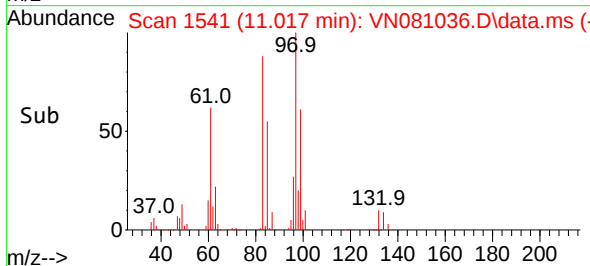
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 34895
Ion Ratio Lower Upper
97 100
83 87.6 72.9 109.3
85 55.5 50.2 75.2
99 61.0 49.6 74.4

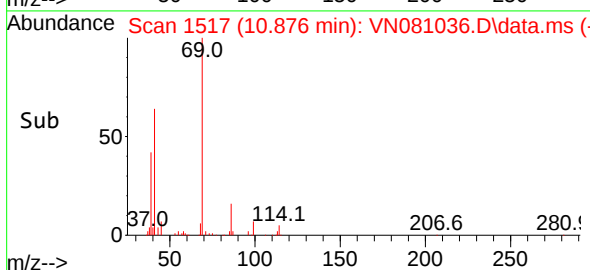
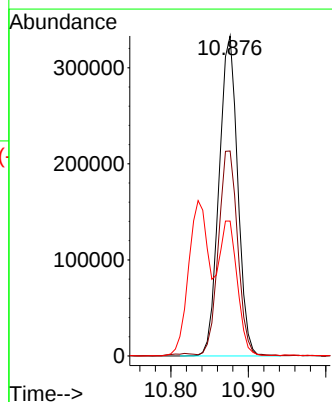
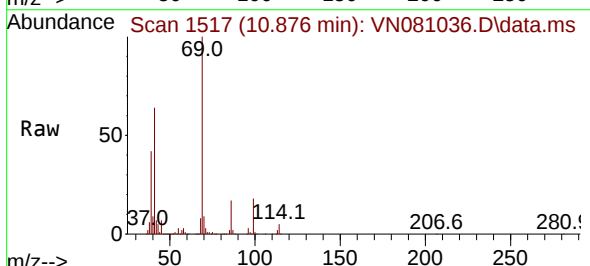
Manual Integrations
APPROVED

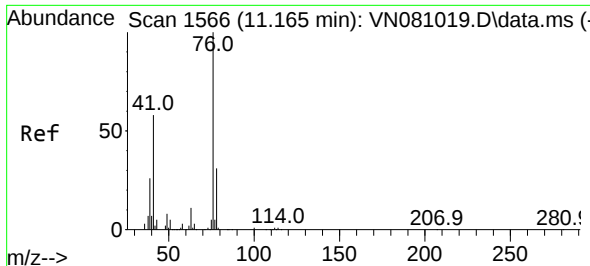
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#56
Ethyl methacrylate
Concen: 52.786 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Tgt Ion: 69 Resp: 556556
Ion Ratio Lower Upper
69 100
41 66.0 61.0 91.6
39 37.7 31.8 47.6





#57

1,3-Dichloropropane

Concen: 53.096 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 610794

Ion Ratio Lower Upper

76 100

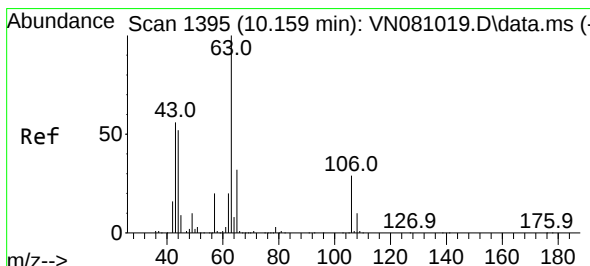
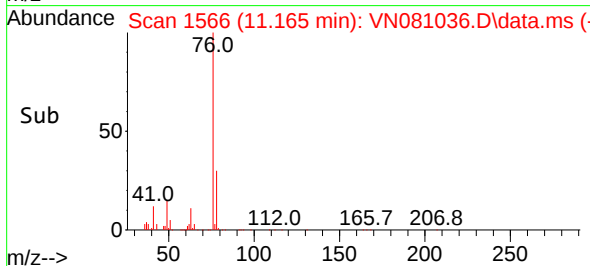
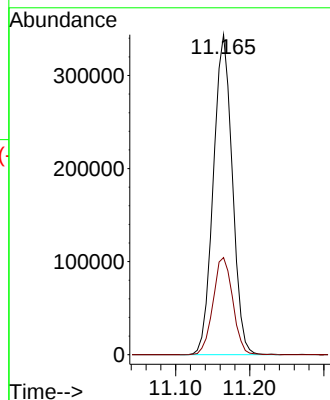
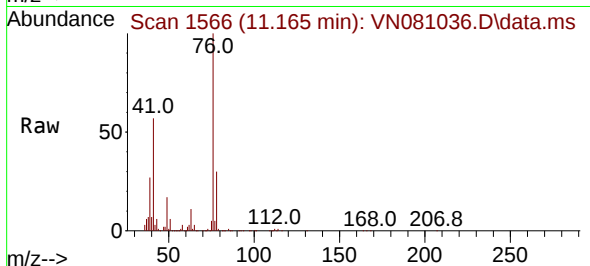
78 31.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 259.433 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081036.D

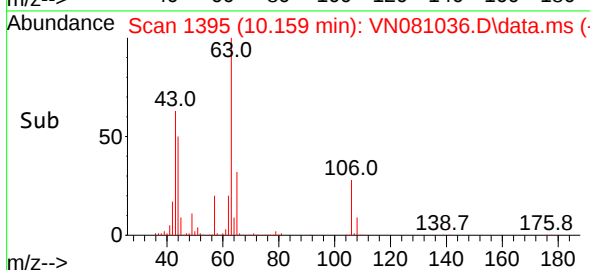
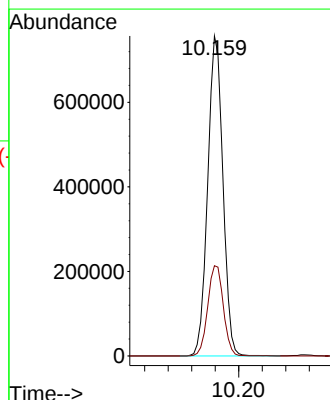
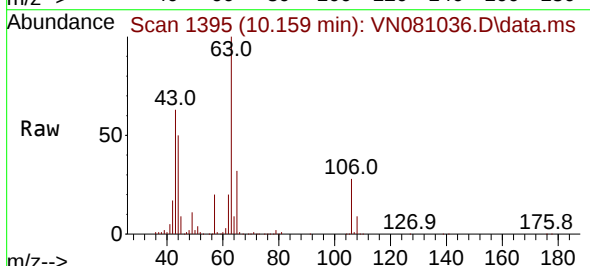
Acq: 15 Feb 2024 13:26

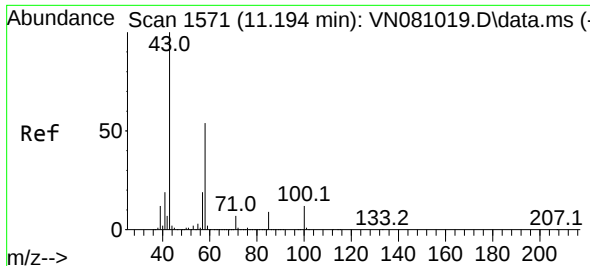
Tgt Ion: 63 Resp: 1357286

Ion Ratio Lower Upper

63 100

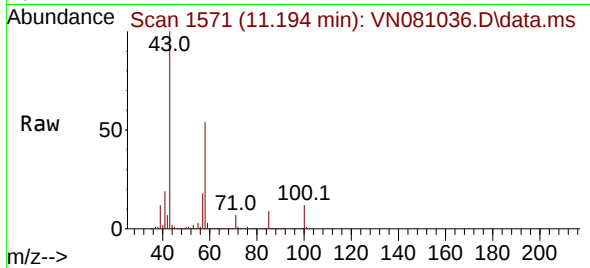
106 28.9 18.6 28.0#





#59
2-Hexanone
Concen: 256.622 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

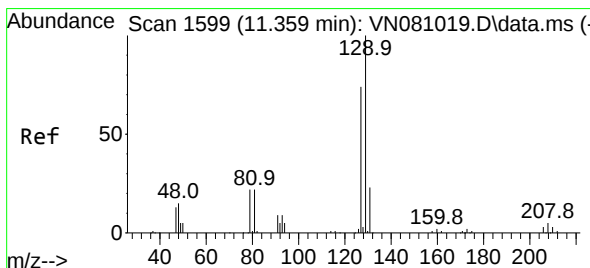
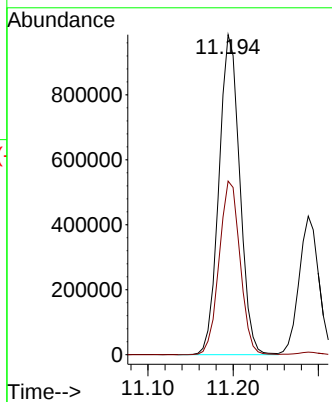
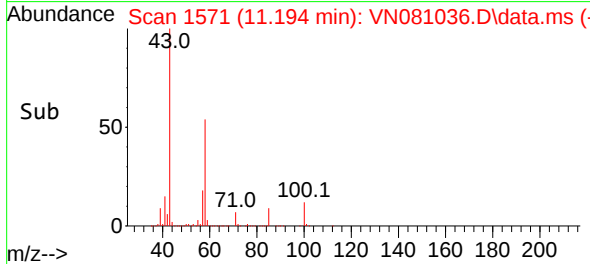
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 166985
Ion Ratio Lower Upper
43 100
58 54.5 25.9 77.8

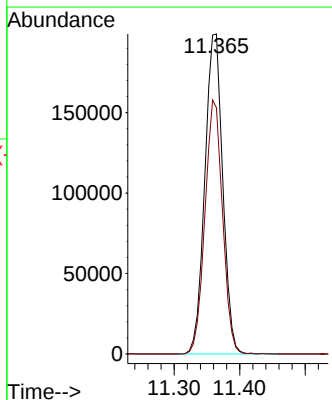
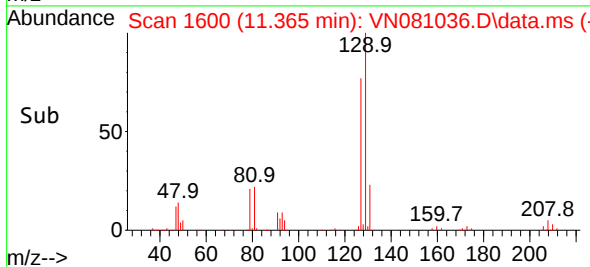
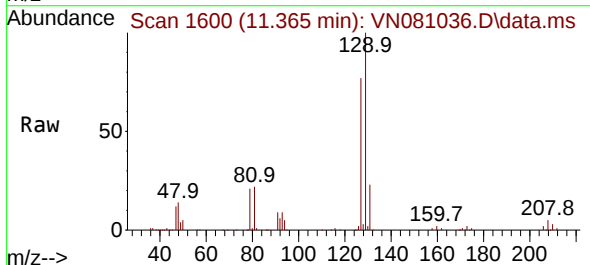
Manual Integrations
APPROVED

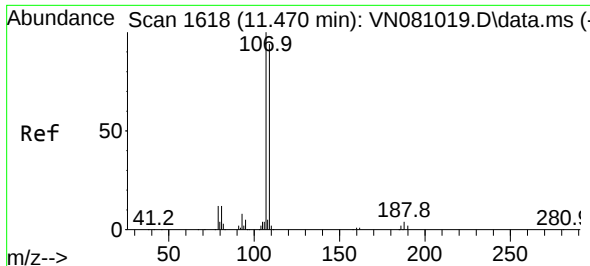
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#60
Dibromochloromethane
Concen: 61.722 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

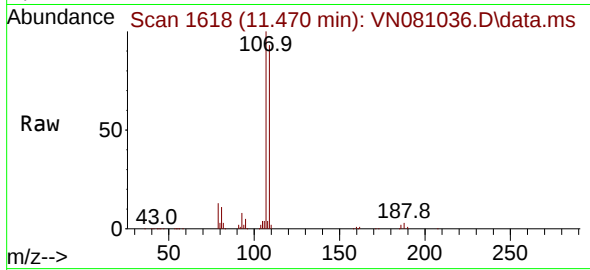
Tgt Ion:129 Resp: 377934
Ion Ratio Lower Upper
129 100
127 78.0 39.4 118.2





#61
1,2-Dibromoethane
Concen: 53.478 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

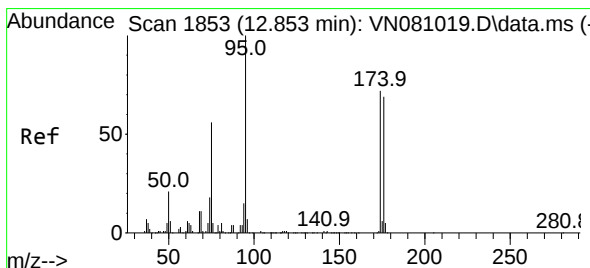
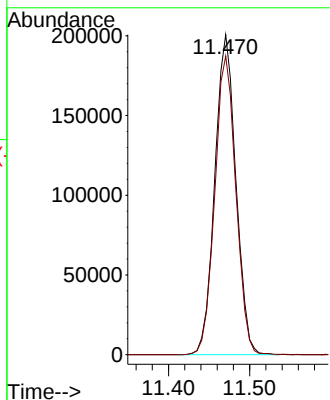
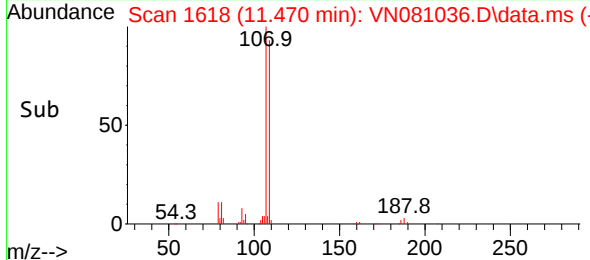
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



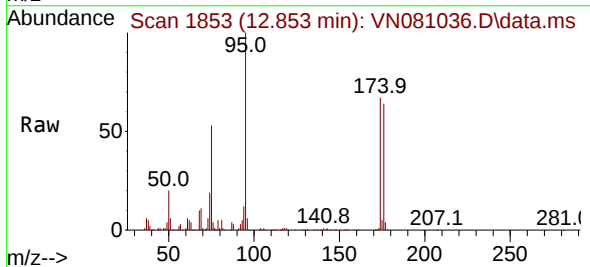
Tgt Ion:107 Resp: 36208
Ion Ratio Lower Upper
107 100
109 93.5 73.4 110.2

Manual Integrations
APPROVED

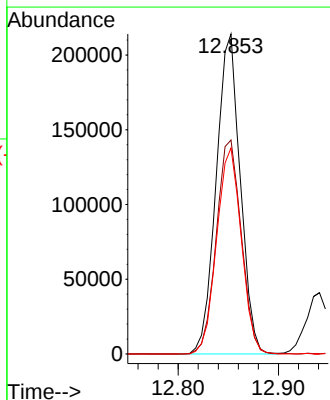
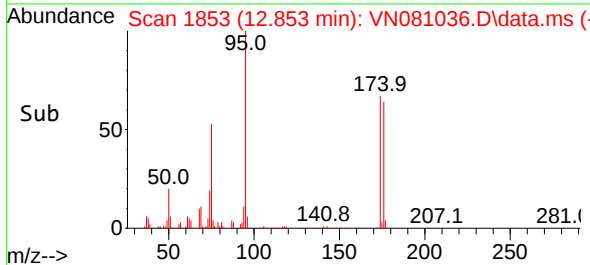
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

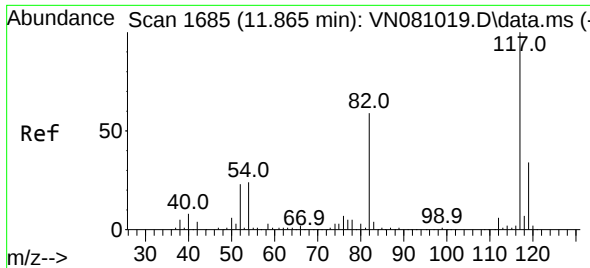


#62
4-Bromofluorobenzene
Concen: 53.417 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26



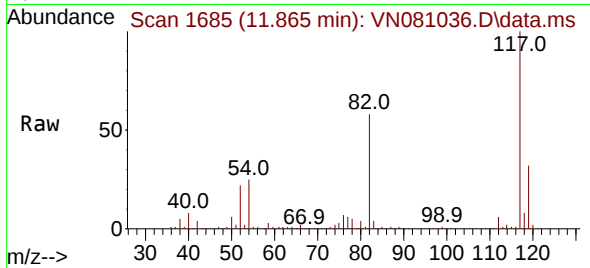
Tgt Ion: 95 Resp: 355973
Ion Ratio Lower Upper
95 100
174 69.5 0.0 120.4
176 65.8 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

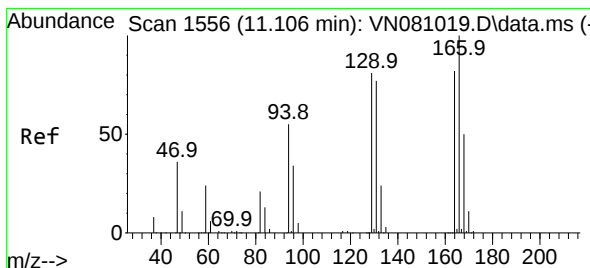
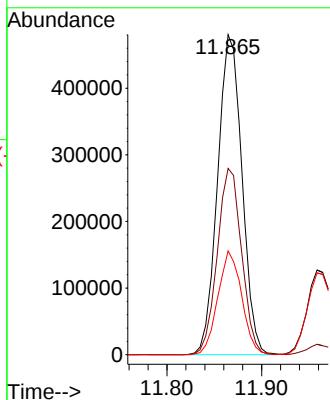
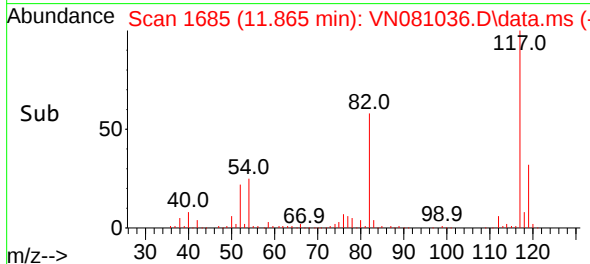
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 85978
Ion Ratio Lower Upper
117 100
82 58.2 52.7 79.1
119 32.4 25.3 37.9

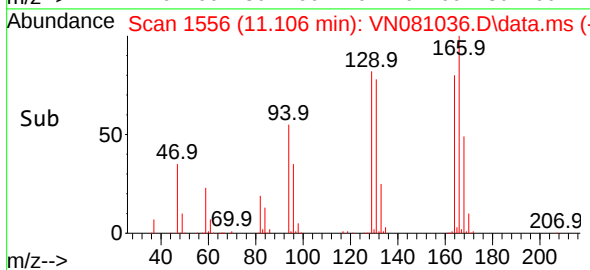
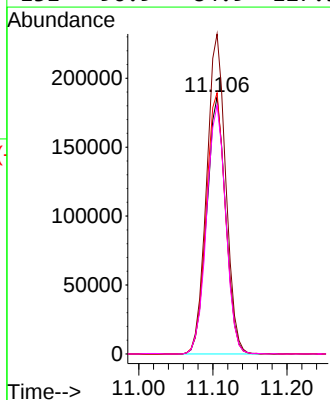
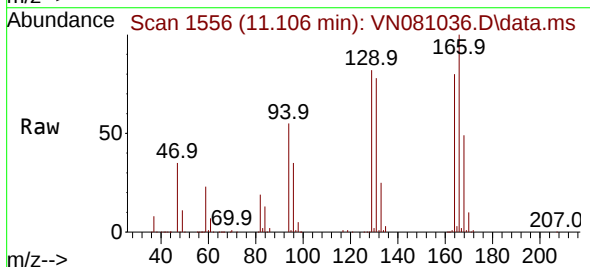
Manual Integrations
APPROVED

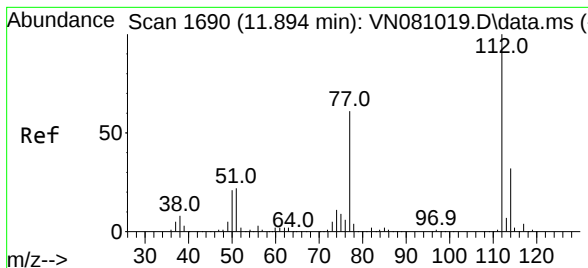
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#64
Tetrachloroethene
Concen: 37.815 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Tgt Ion:164 Resp: 331460
Ion Ratio Lower Upper
164 100
166 124.6 105.8 158.6
129 101.7 89.6 134.4
131 96.9 84.9 127.3





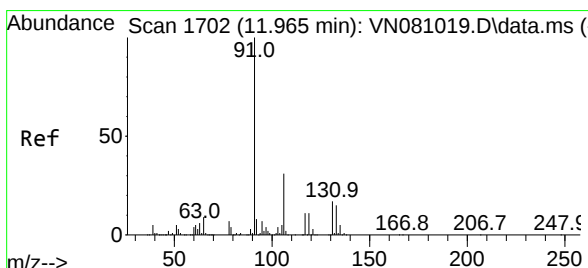
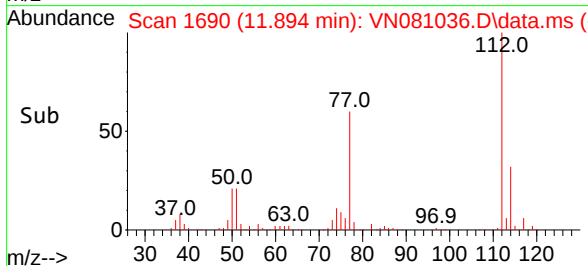
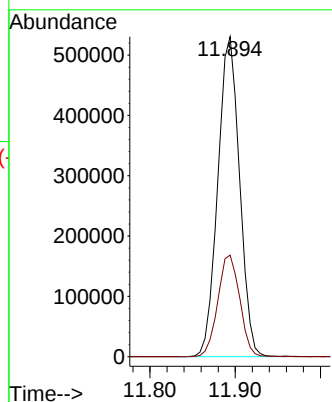
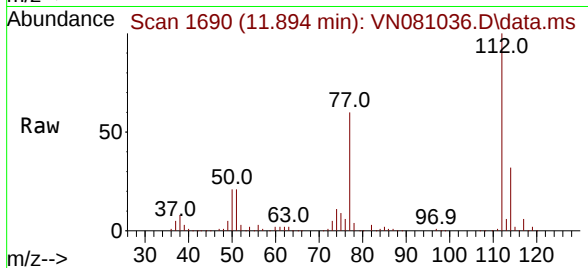
#65
Chlorobenzene
Concen: 52.175 ug/l
RT: 11.894 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 940649
Ion Ratio Lower Upper
112 100
114 31.8 23.7 35.5

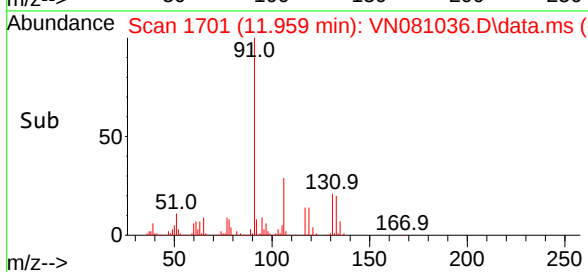
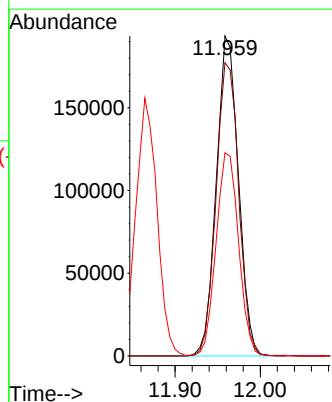
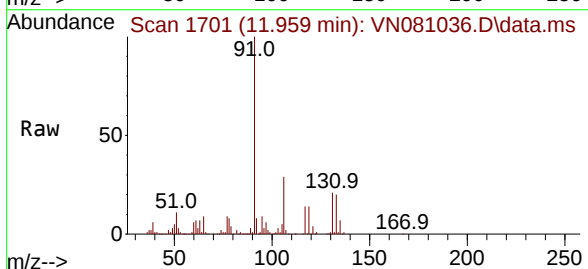
Manual Integrations
APPROVED

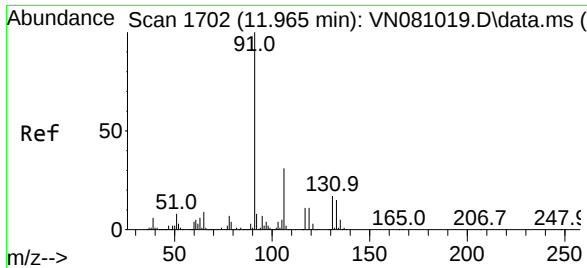
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 56.113 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

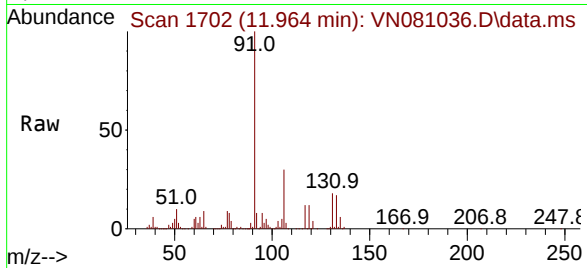
Tgt Ion:131 Resp: 348295
Ion Ratio Lower Upper
131 100
133 94.1 46.8 140.3
119 64.8 34.6 103.9





#67
Ethyl Benzene
Concen: 51.429 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

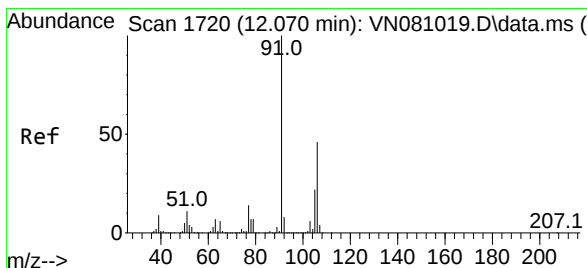
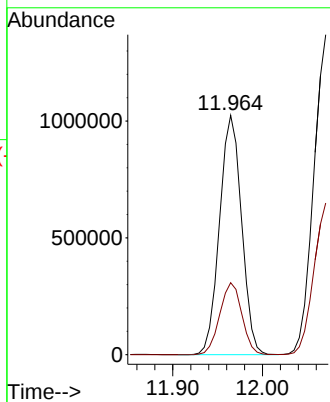
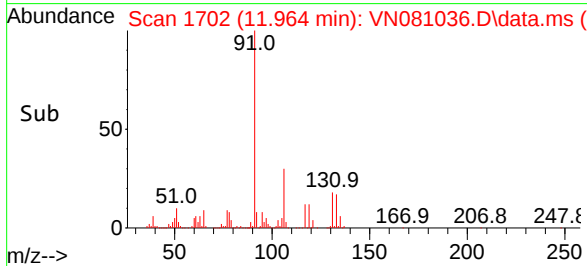
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



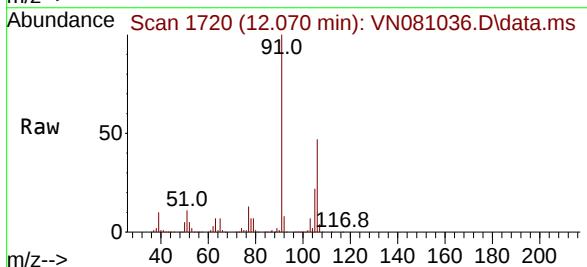
Tgt Ion: 91 Resp: 1748032
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6

Manual Integrations
APPROVED

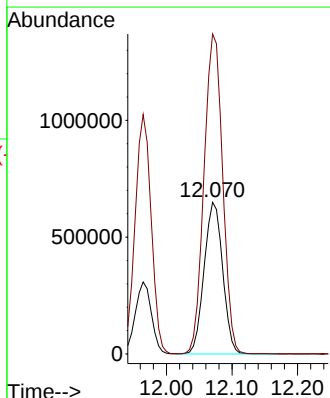
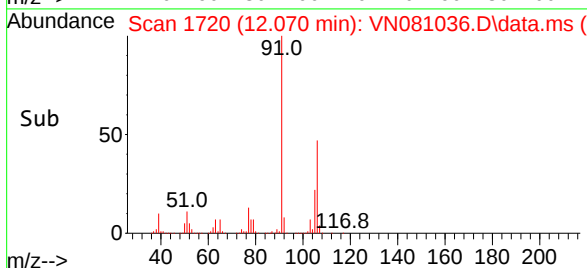
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

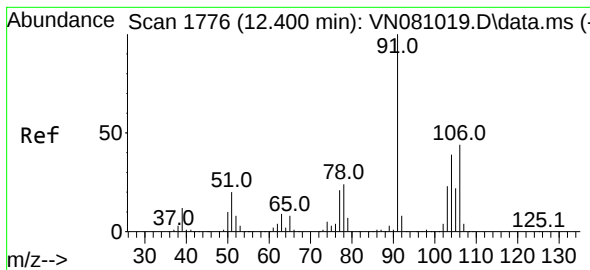


#68
m/p-Xylenes
Concen: 101.871 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26



Tgt Ion:106 Resp: 1276870
Ion Ratio Lower Upper
106 100
91 212.0 169.0 253.6





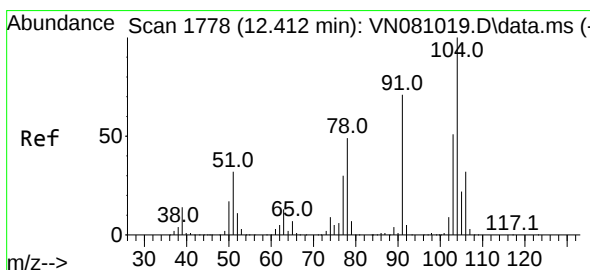
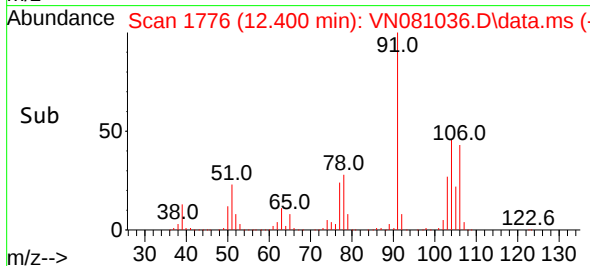
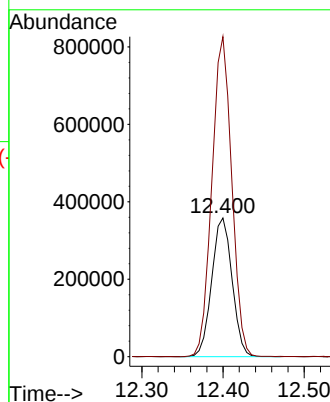
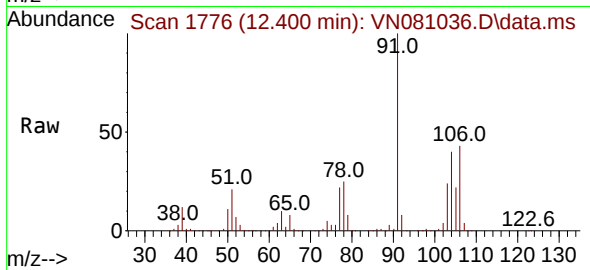
#69
o-Xylene
Concen: 51.296 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 62358
Ion Ratio Lower Upper
106 100
91 225.0 112.1 336.3

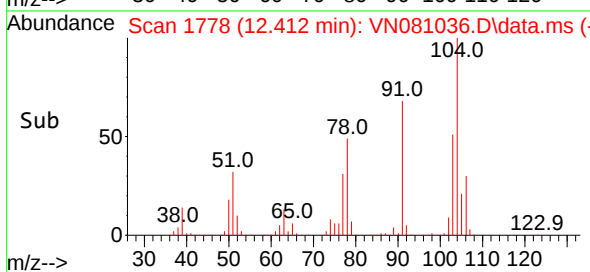
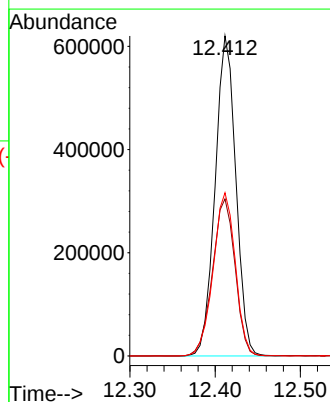
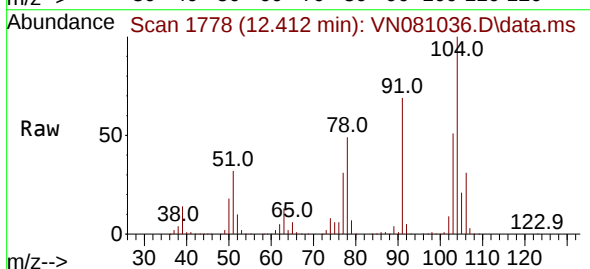
Manual Integrations
APPROVED

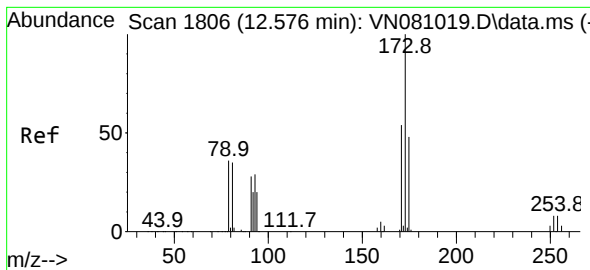
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#70
Styrene
Concen: 54.055 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

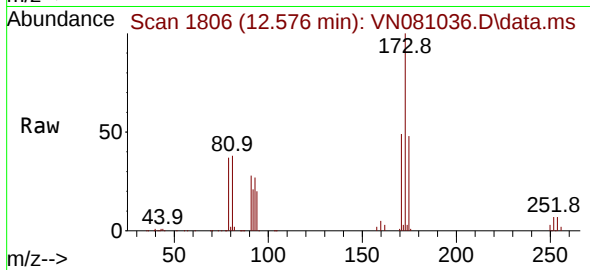
Tgt Ion:104 Resp: 1047314
Ion Ratio Lower Upper
104 100
78 53.4 43.8 65.8
103 54.6 44.2 66.2





#71
Bromoform
Concen: 70.356 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

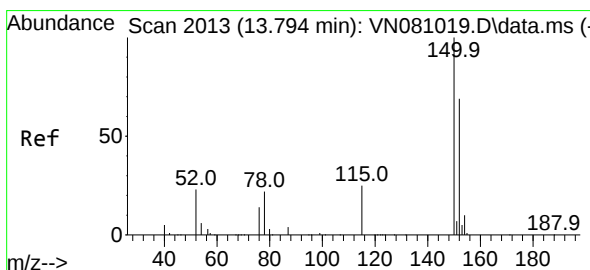
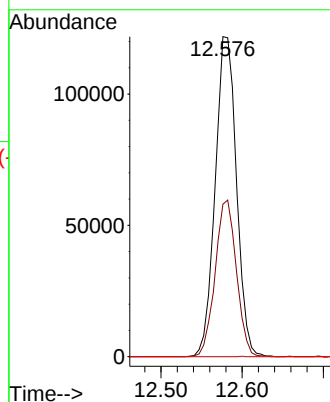
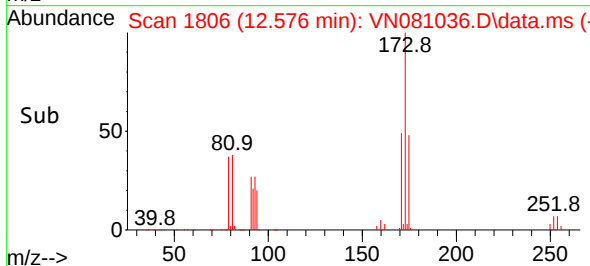
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



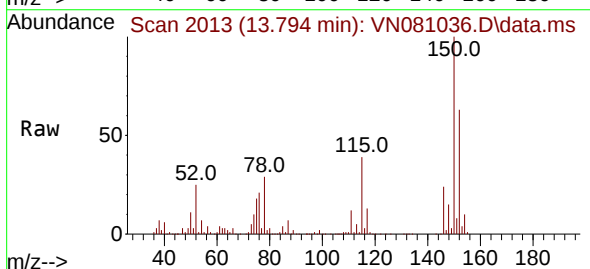
Tgt Ion:173 Resp: 22217
Ion Ratio Lower Upper
173 100
175 48.9 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

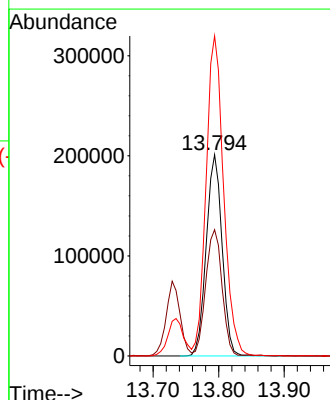
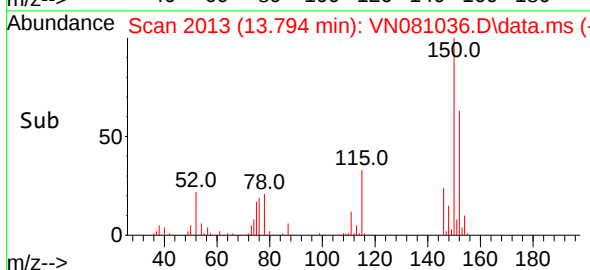
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

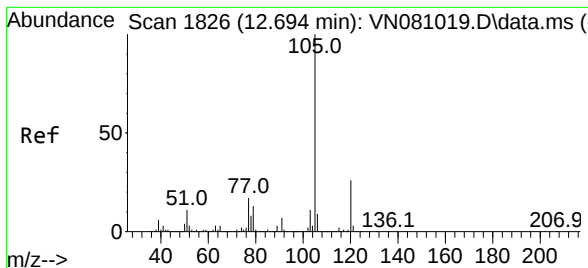


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26



Tgt Ion:152 Resp: 339090
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 174.9 0.0 339.8





#73

Isopropylbenzene

Concen: 48.592 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1664754

Ion Ratio Lower Upper

105 100

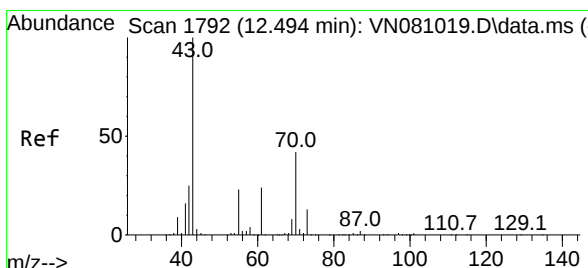
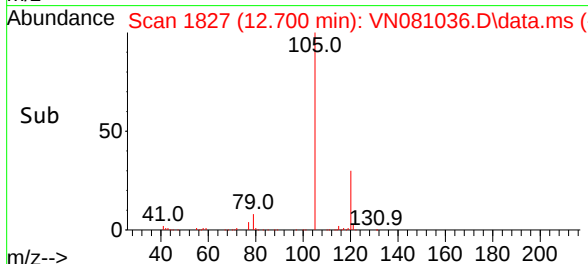
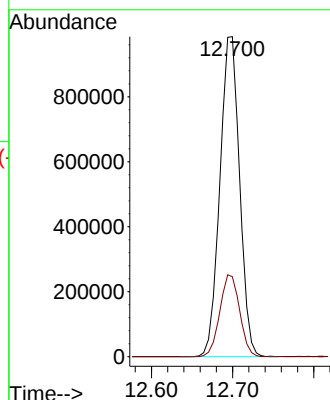
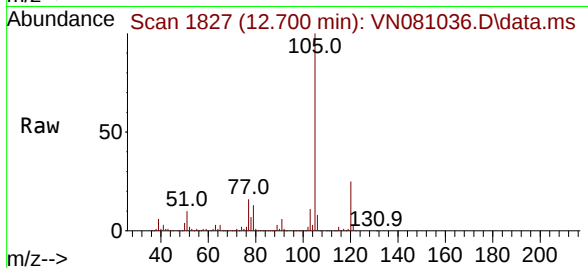
120 25.7 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#74

N-amy1 acetate

Concen: 46.678 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Tgt Ion: 43 Resp: 735749

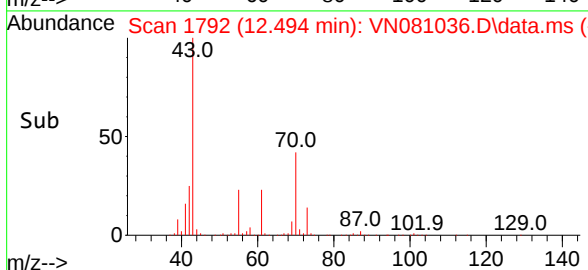
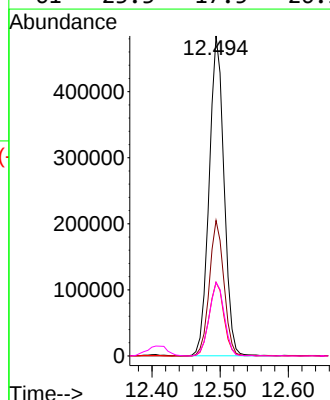
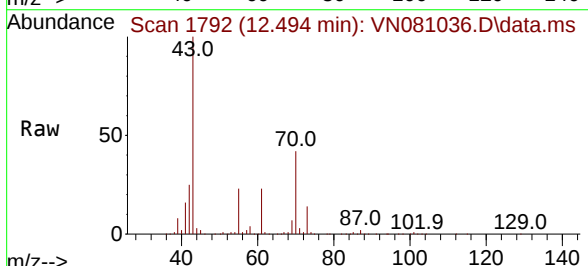
Ion Ratio Lower Upper

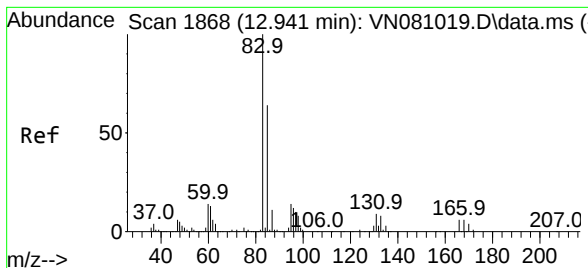
43 100

70 41.2 30.1 45.1

55 22.9 17.0 25.4

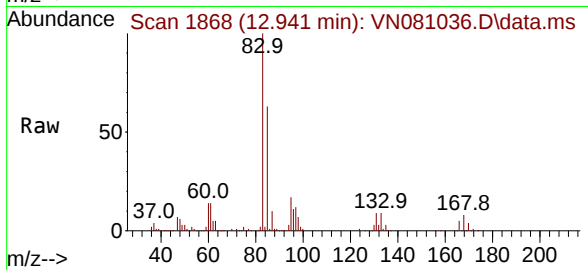
61 23.3 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 48.649 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

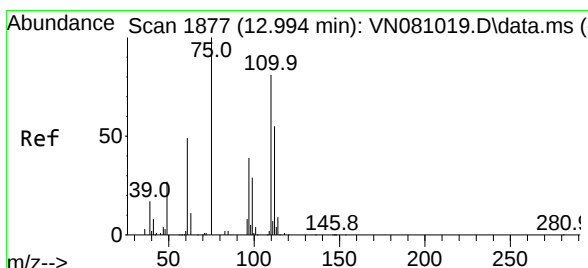
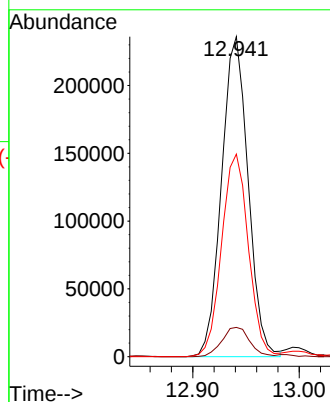
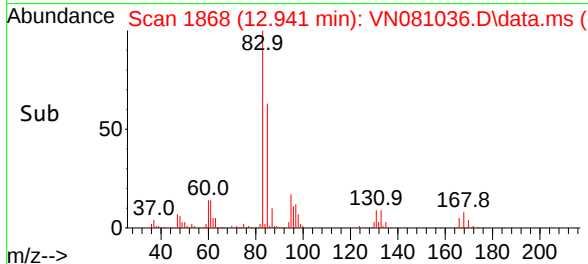
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 409092
Ion Ratio Lower Upper
83 100
131 9.6 4.1 12.3
85 63.8 32.1 96.3

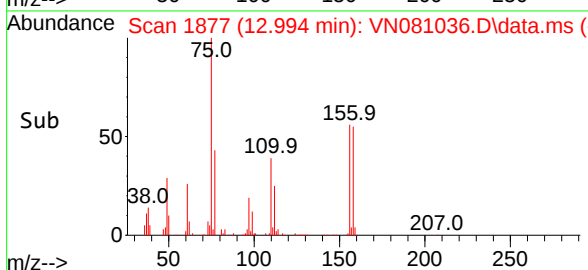
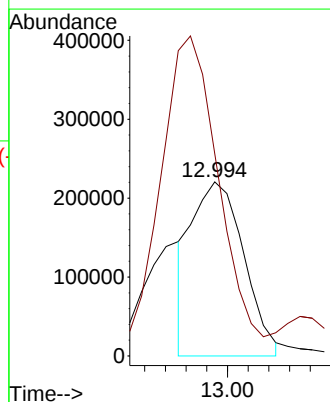
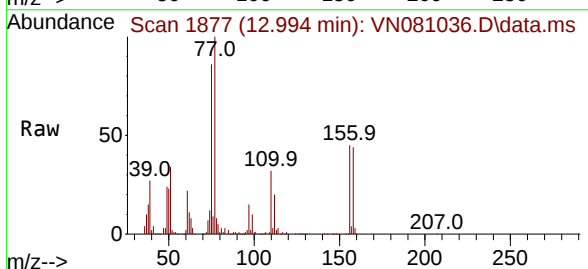
Manual Integrations
APPROVED

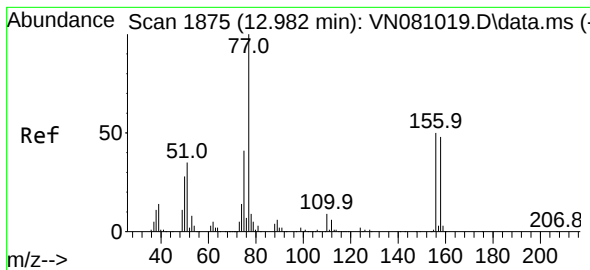
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#76
1,2,3-Trichloropropane
Concen: 51.387 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

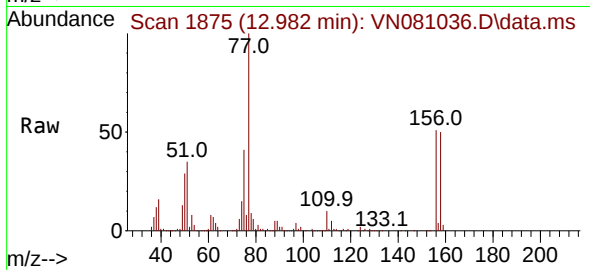
Tgt Ion: 75 Resp: 385019
Ion Ratio Lower Upper
75 100
77 208.4 91.0 272.8





#77
Bromobenzene
Concen: 50.774 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

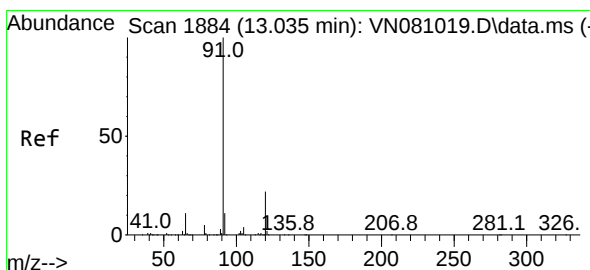
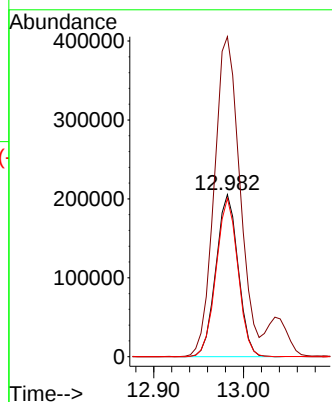
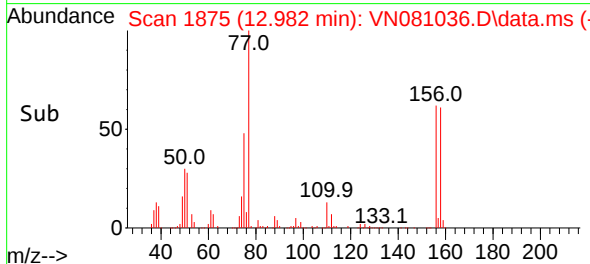
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 35233
Ion Ratio Lower Upper
156 100
77 227.8 138.1 414.3
158 96.1 46.5 139.5

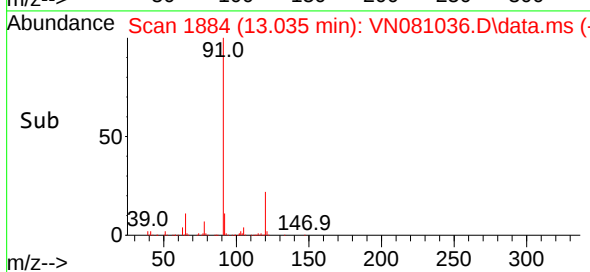
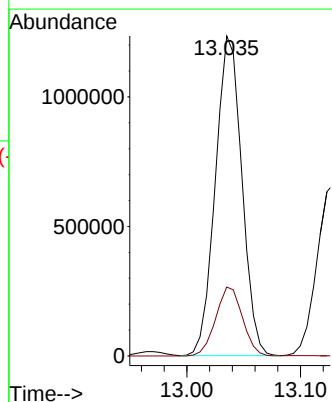
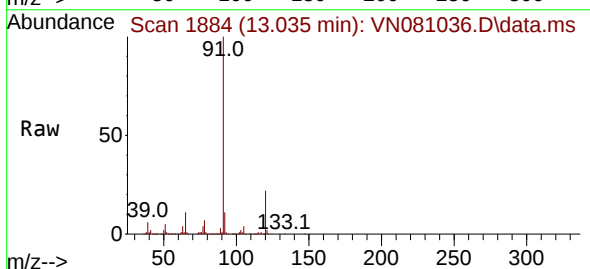
Manual Integrations
APPROVED

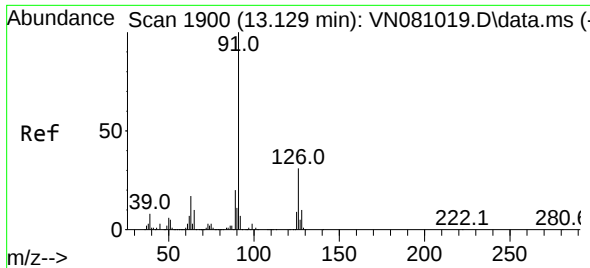
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#78
n-propylbenzene
Concen: 51.094 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Tgt Ion: 91 Resp: 1997480
Ion Ratio Lower Upper
91 100
120 21.8 10.3 30.9





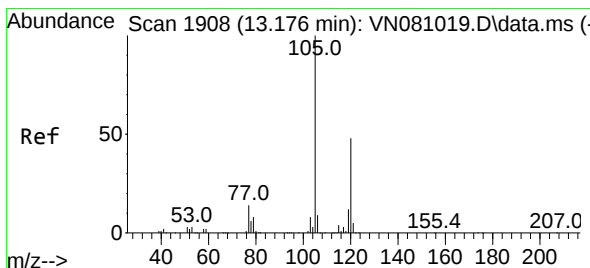
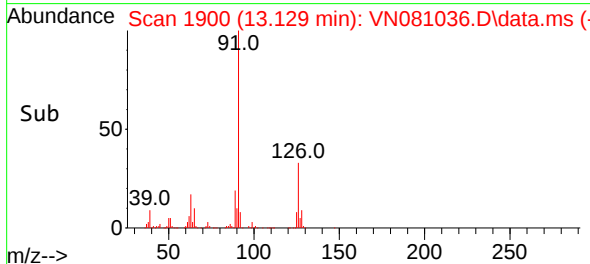
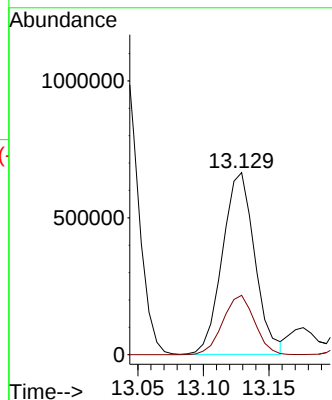
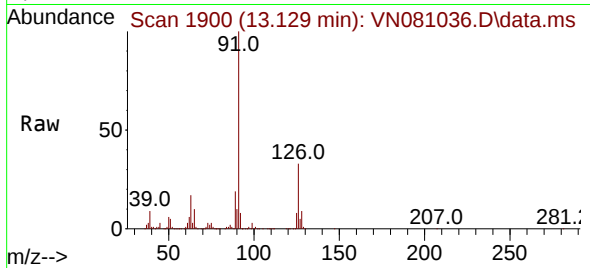
#79
2-Chlorotoluene
Concen: 50.533 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1141030
Ion Ratio Lower Upper
91 100
126 32.0 14.8 44.4

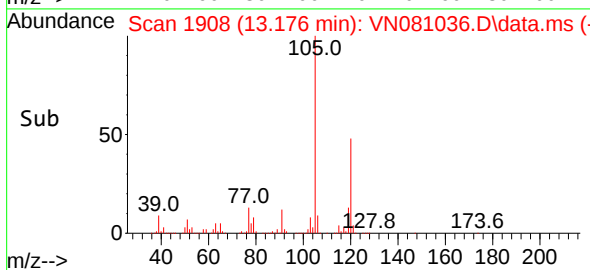
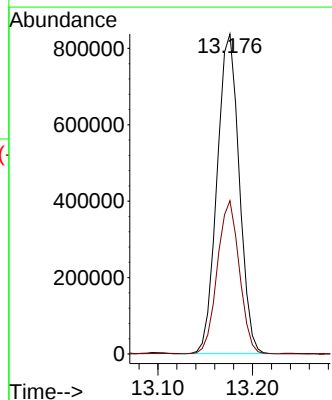
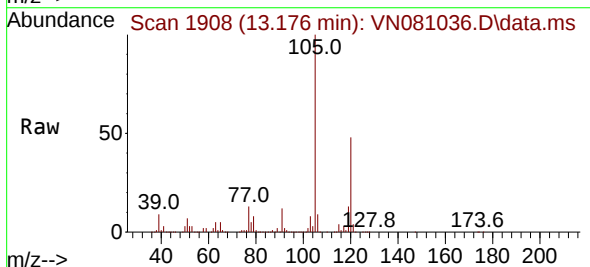
Manual Integrations
APPROVED

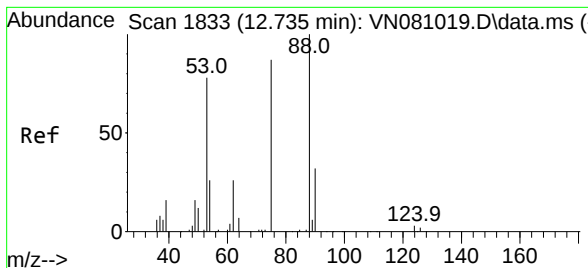
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.260 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

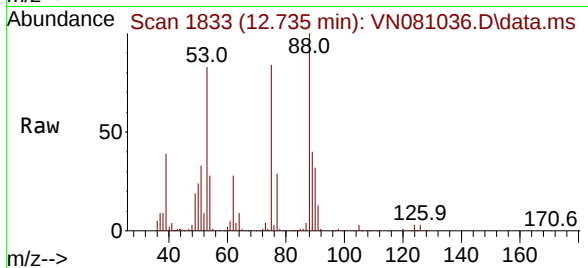
Tgt Ion:105 Resp: 1362507
Ion Ratio Lower Upper
105 100
120 47.7 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 52.179 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

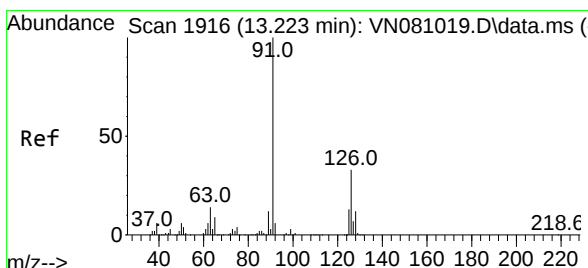
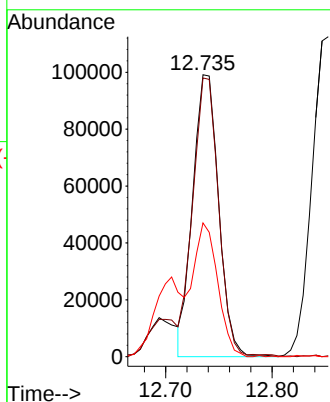
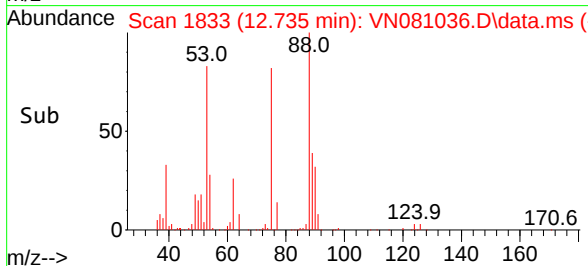
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 167940
Ion Ratio Lower Upper
75 100
53 113.5 71.4 107.2
89 44.5 33.4 50.0

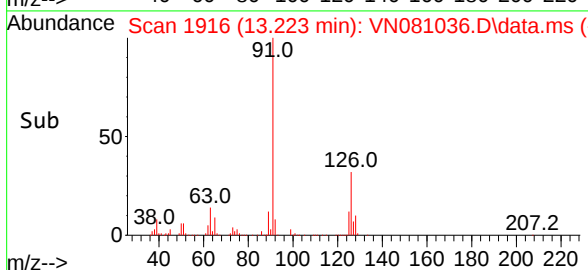
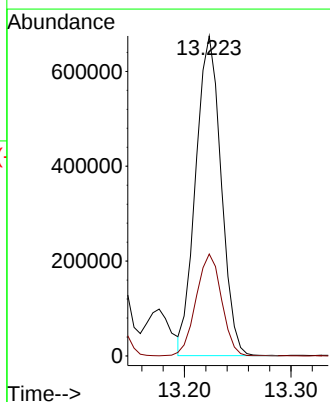
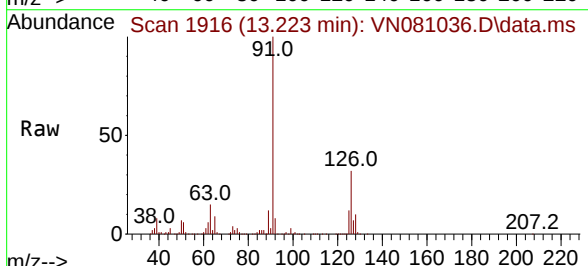
Manual Integrations
APPROVED

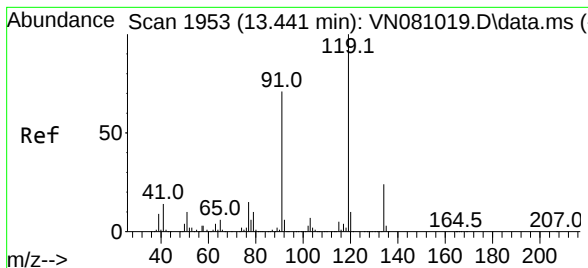
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#82
4-Chlorotoluene
Concen: 51.301 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

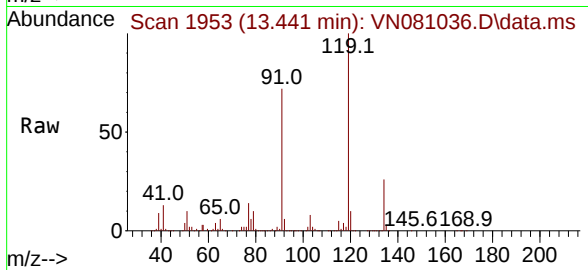
Tgt Ion: 91 Resp: 1119409
Ion Ratio Lower Upper
91 100
126 31.9 15.3 45.9





#83
tert-Butylbenzene
Concen: 50.714 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

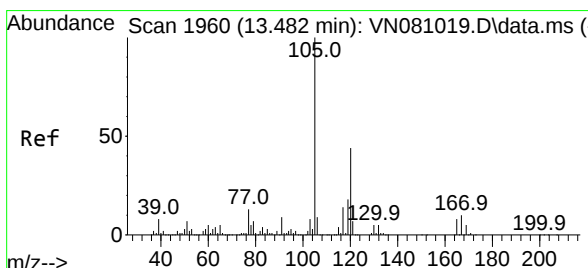
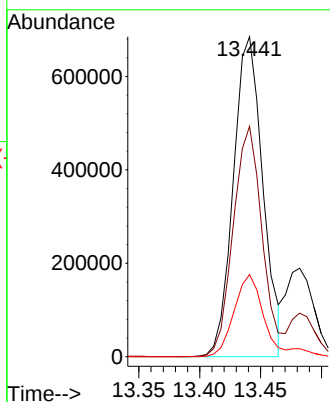
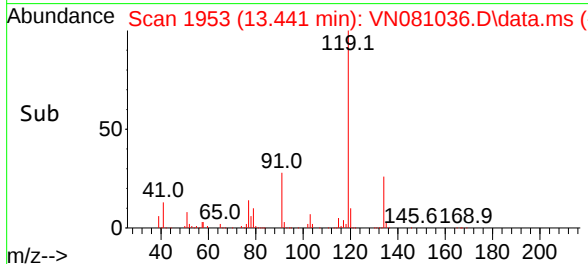
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



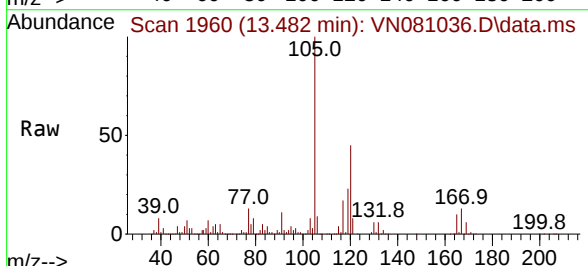
Tgt Ion:119 Resp: 1154350
Ion Ratio Lower Upper
119 100
91 71.5 36.8 110.4
134 26.9 12.4 37.4

Manual Integrations
APPROVED

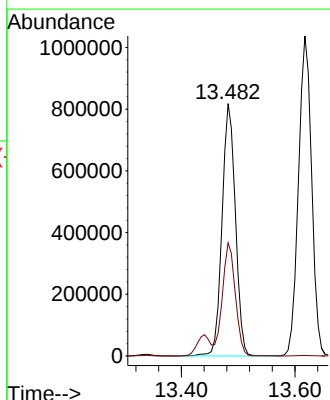
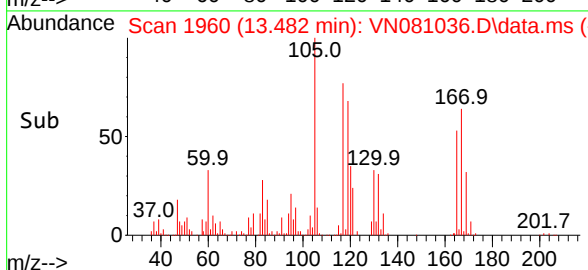
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

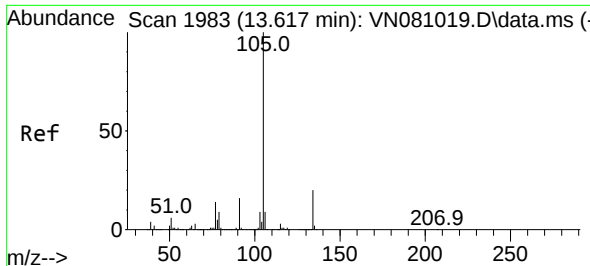


#84
1,2,4-Trimethylbenzene
Concen: 52.232 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26



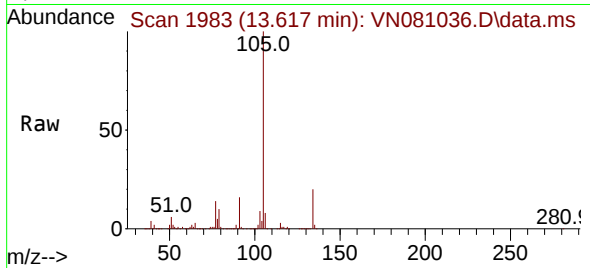
Tgt Ion:105 Resp: 1337667
Ion Ratio Lower Upper
105 100
120 43.6 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 53.312 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081036.D
 Acq: 15 Feb 2024 13:26

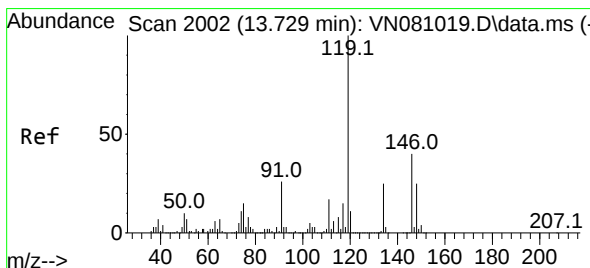
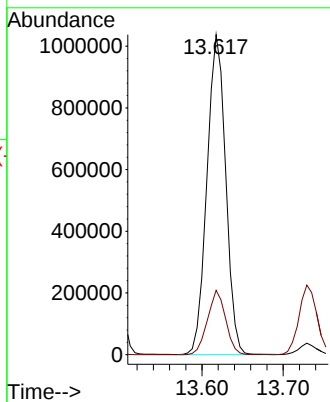
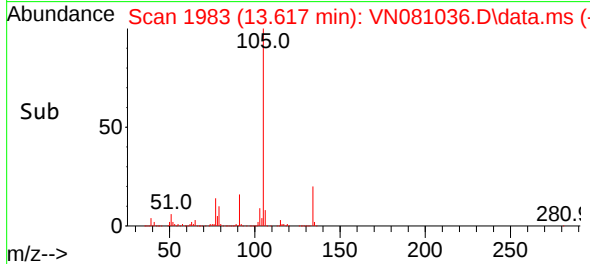
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



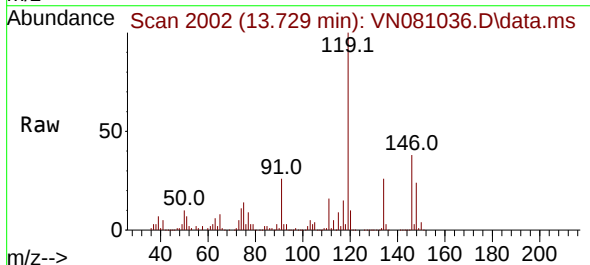
Tgt Ion:105 Resp: 1664770
 Ion Ratio Lower Upper
 105 100
 134 19.4 8.6 25.8

Manual Integrations
 APPROVED

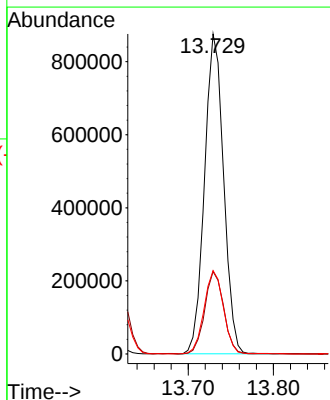
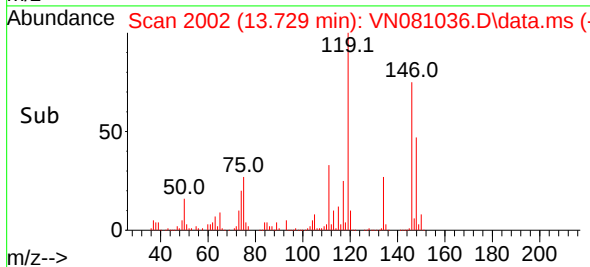
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024

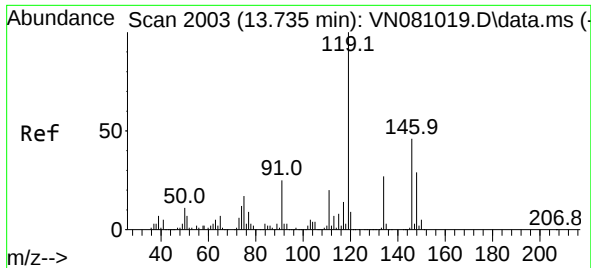


#86
 p-Isopropyltoluene
 Concen: 54.250 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081036.D
 Acq: 15 Feb 2024 13:26



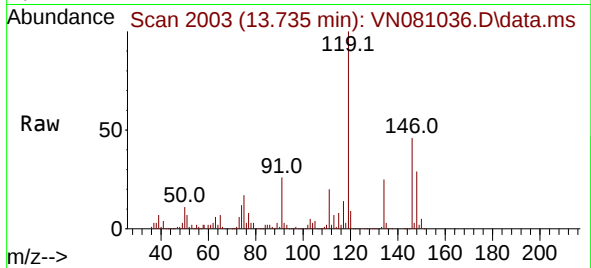
Tgt Ion:119 Resp: 1362323
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.4 37.2
 91 26.2 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 51.571 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081036.D
 Acq: 15 Feb 2024 13:26

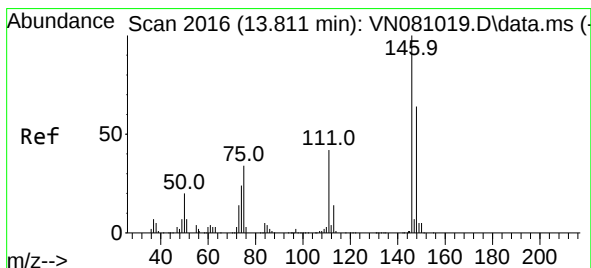
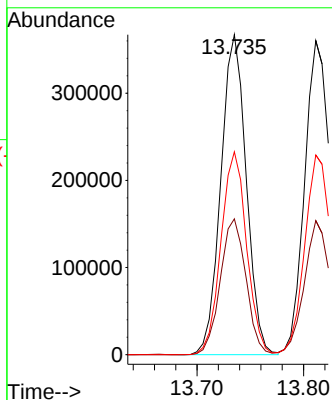
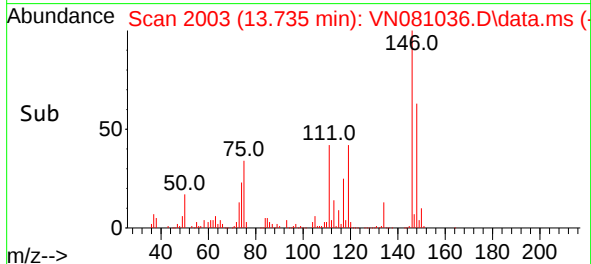
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



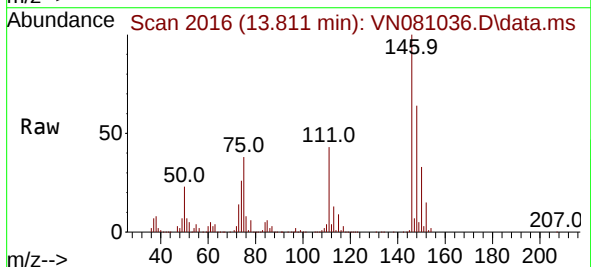
Tgt Ion:146 Resp: 608554
 Ion Ratio Lower Upper
 146 100
 111 42.9 23.9 71.7
 148 63.9 32.6 97.7

Manual Integrations
 APPROVED

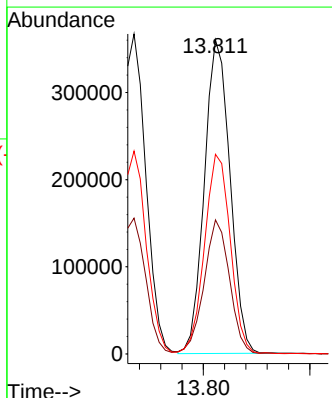
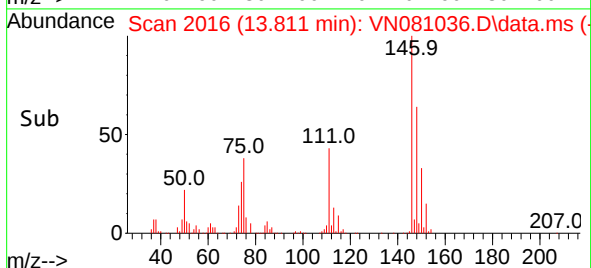
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024

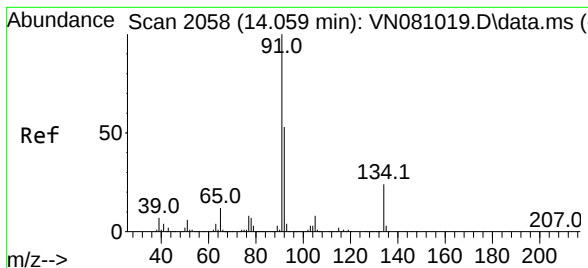


#88
 1,4-Dichlorobenzene
 Concen: 49.450 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081036.D
 Acq: 15 Feb 2024 13:26



Tgt Ion:146 Resp: 602909
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.6 67.7
 148 64.4 31.9 95.5





#89

n-Butylbenzene

Concen: 52.748 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1212470

Ion Ratio Lower Upper

91 100

92 52.1 26.7 80.1

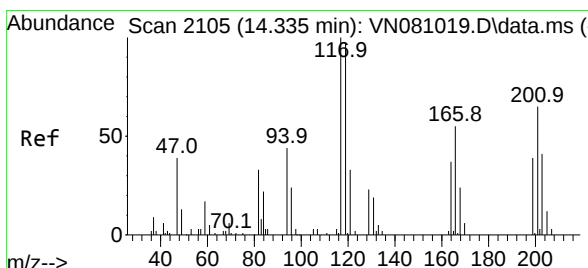
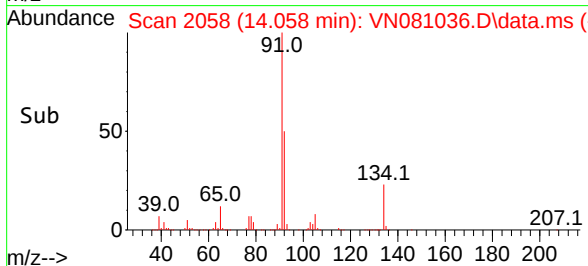
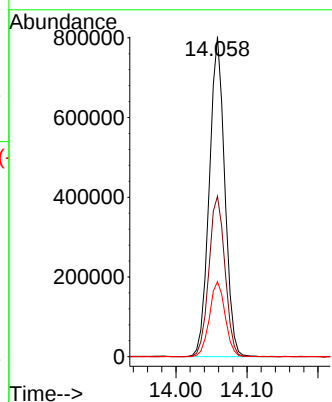
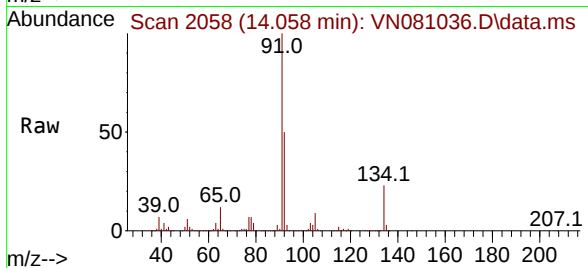
134 23.9 10.8 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#90

Hexachloroethane

Concen: 145.103 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081036.D

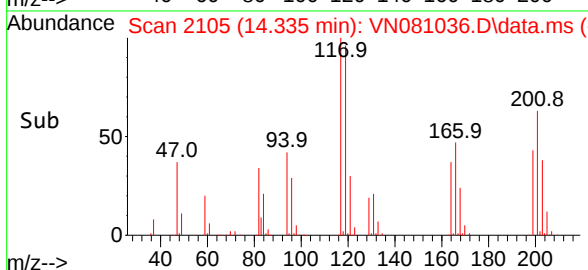
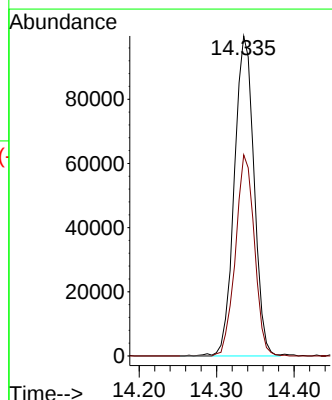
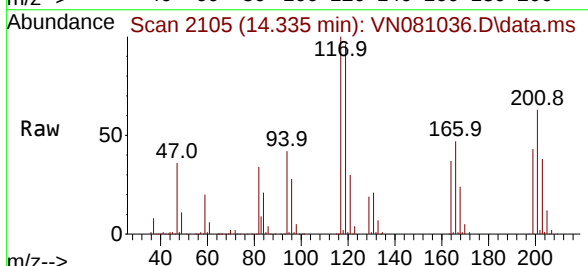
Acq: 15 Feb 2024 13:26

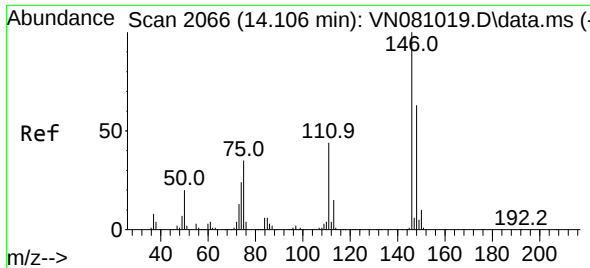
Tgt Ion:117 Resp: 175807

Ion Ratio Lower Upper

117 100

201 60.5 30.0 90.0





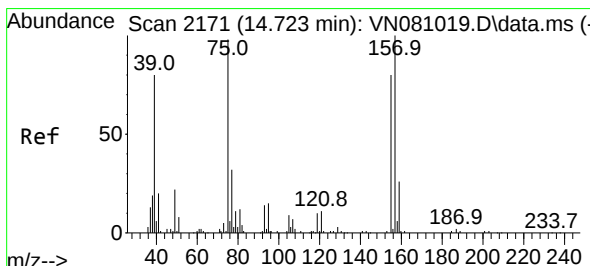
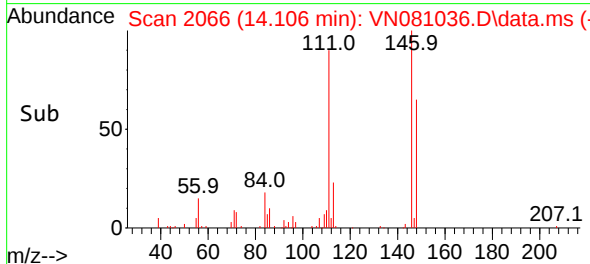
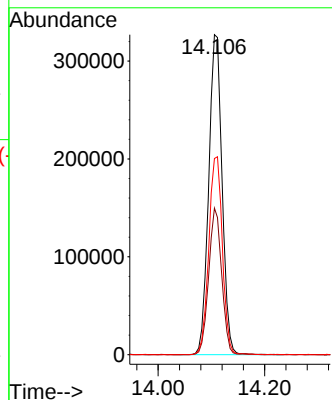
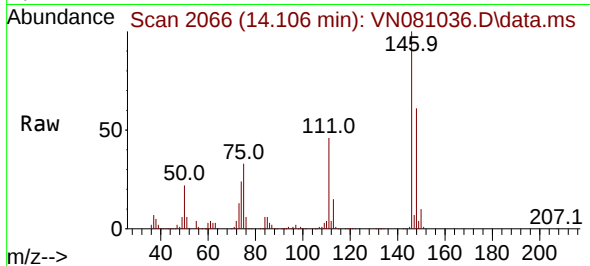
#91
1,2-Dichlorobenzene
Concen: 49.980 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 57171
Ion Ratio Lower Upper
146 100
111 44.6 23.9 71.8
148 62.7 31.4 94.0

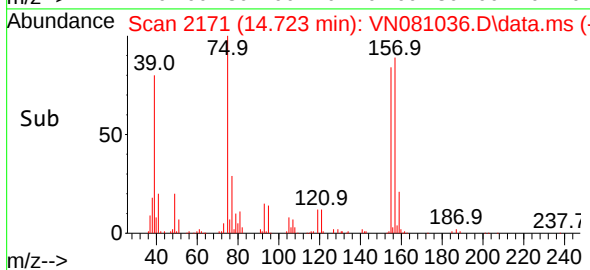
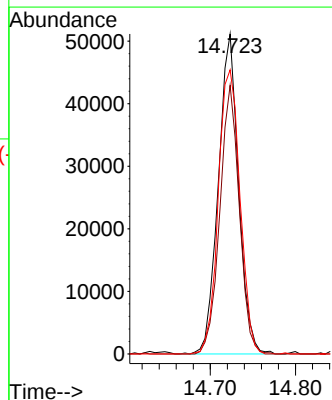
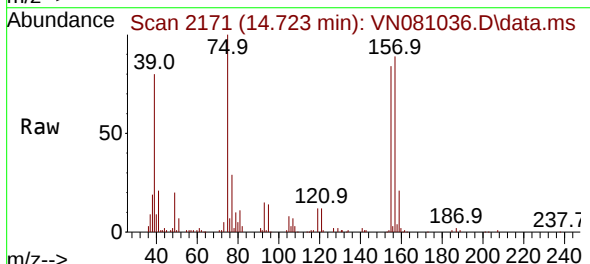
Manual Integrations
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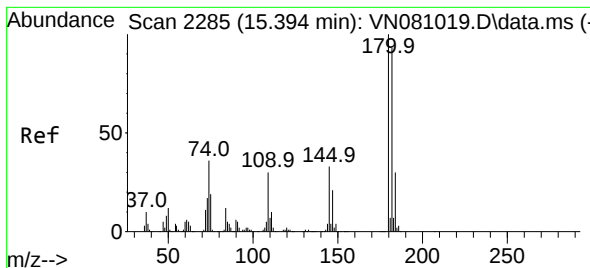
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.397 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

Tgt Ion: 75 Resp: 84532
Ion Ratio Lower Upper
75 100
155 80.6 31.8 95.4
157 95.0 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 50.728 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 34763

Ion Ratio Lower Upper

180 100

182 93.9 46.6 139.7

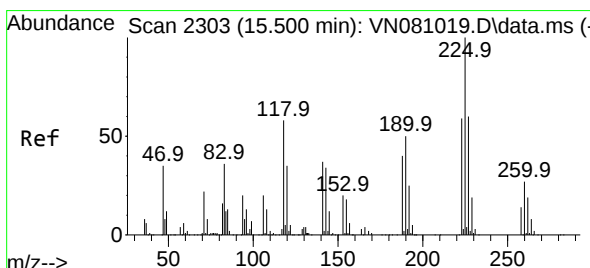
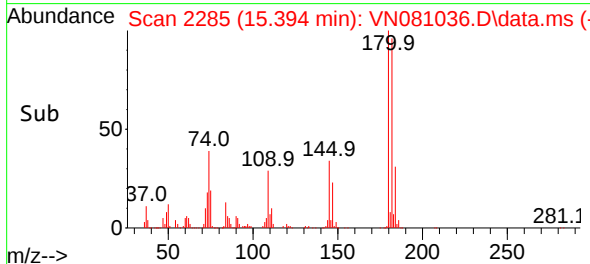
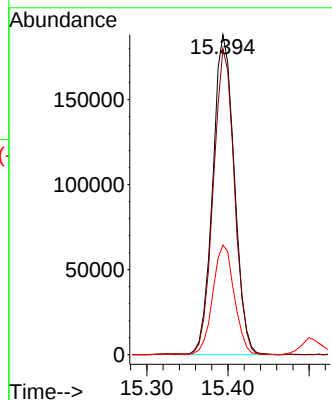
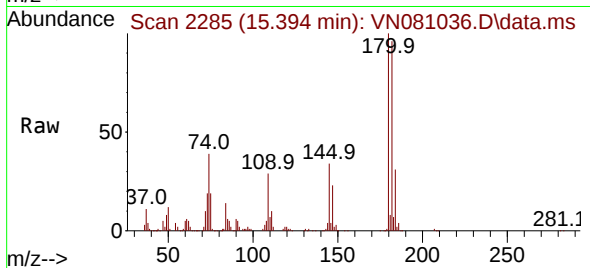
145 34.1 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#94

Hexachlorobutadiene

Concen: 50.376 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.005 min

Lab File: VN081036.D

Acq: 15 Feb 2024 13:26

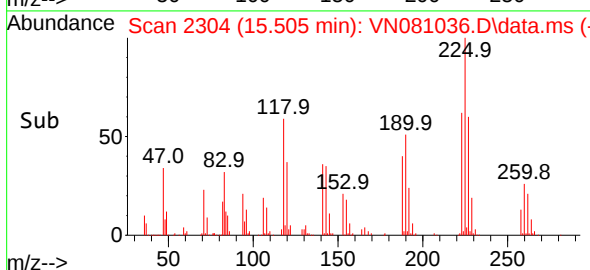
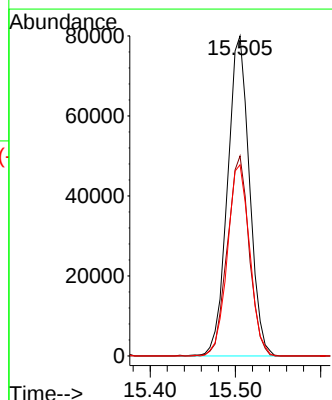
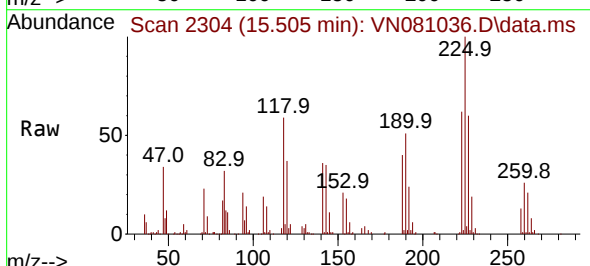
Tgt Ion:225 Resp: 142782

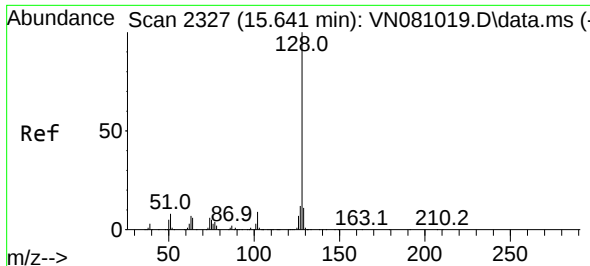
Ion Ratio Lower Upper

225 100

223 62.2 33.3 99.8

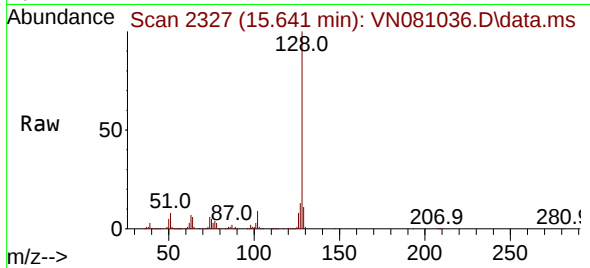
227 60.7 33.1 99.2





#95
Naphthalene
Concen: 47.709 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26

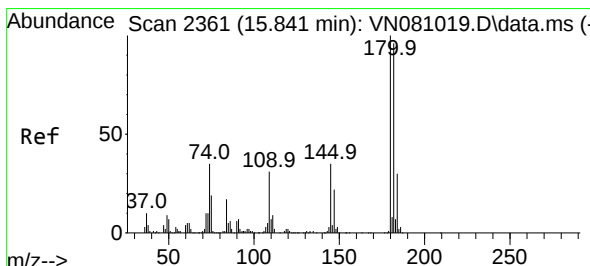
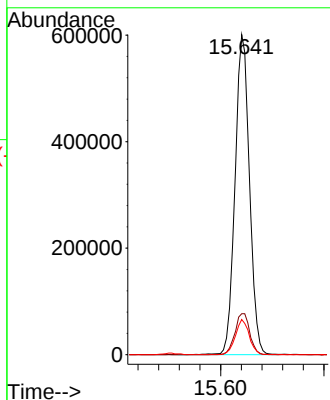
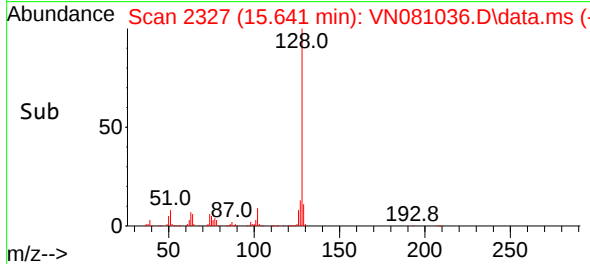
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



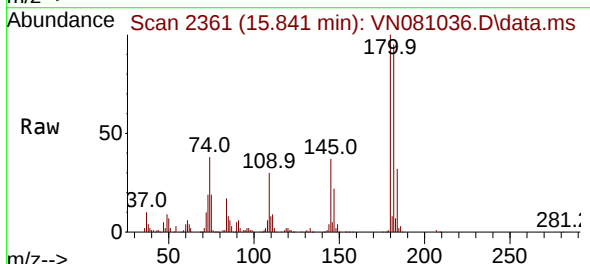
Tgt Ion:128 Resp: 116315
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 50.581 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081036.D
Acq: 15 Feb 2024 13:26



Tgt Ion:180 Resp: 339682
Ion Ratio Lower Upper
180 100
182 94.4 46.5 139.3
145 35.6 17.8 53.4

