

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081130.D
 Acq On : 22 Feb 2024 13:12
 Operator : JC\MD
 Sample : VN0222WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS02

Quant Time: Feb 23 04:22:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	339427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	621678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	549541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	198691	47.757	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.520%		
35) Dibromofluoromethane	8.165	113	169755	48.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	10.565	98	576421	46.166	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.340%		
62) 4-Bromofluorobenzene	12.847	95	216827	46.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	87469	19.926	ug/l	97
3) Chloromethane	2.359	50	84274	16.813	ug/l	97
4) Vinyl Chloride	2.518	62	88643	18.180	ug/l	97
5) Bromomethane	2.965	94	61909	17.877	ug/l	87
6) Chloroethane	3.124	64	60933	18.778	ug/l	97
7) Trichlorofluoromethane	3.506	101	140307	19.697	ug/l	95
8) Diethyl Ether	3.959	74	49587	19.041	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	75028	18.894	ug/l #	90
10) Methyl Iodide	4.589	142	86494	19.514	ug/l	97
11) Tert butyl alcohol	5.518	59	80135	104.735	ug/l	99
12) 1,1-Dichloroethene	4.342	96	72746	18.952	ug/l #	75
13) Acrolein	4.183	56	44277	107.970	ug/l	99
14) Allyl chloride	5.024	41	106206	18.648	ug/l #	92
15) Acrylonitrile	5.718	53	196262	98.217	ug/l	97
16) Acetone	4.424	43	137713	84.123	ug/l	98
17) Carbon Disulfide	4.718	76	177549	16.583	ug/l	99
18) Methyl Acetate	5.024	43	88118	22.065	ug/l #	89
19) Methyl tert-butyl Ether	5.795	73	255459	19.431	ug/l	92
20) Methylene Chloride	5.277	84	85088	19.525	ug/l #	83
21) trans-1,2-Dichloroethene	5.795	96	75193	17.558	ug/l	92
22) Diisopropyl ether	6.665	45	253958	19.657	ug/l #	95
23) Vinyl Acetate	6.606	43	1006916	96.060	ug/l	96
24) 1,1-Dichloroethane	6.565	63	147510	19.746	ug/l	94
25) 2-Butanone	7.483	43	245357	92.774	ug/l	98
26) 2,2-Dichloropropane	7.494	77	133594	19.086	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	93657	18.823	ug/l	87
28) Bromochloromethane	7.812	49	56670	18.298	ug/l #	66
29) Tetrahydrofuran	7.836	42	168820	95.624	ug/l #	85
30) Chloroform	7.965	83	158476	19.955	ug/l	98
31) Cyclohexane	8.259	56	132337	18.422	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	138826	19.194	ug/l	89
36) 1,1-Dichloropropene	8.377	75	113737	18.885	ug/l	95
37) Ethyl Acetate	7.565	43	106319	19.560	ug/l	98
38) Carbon Tetrachloride	8.365	117	117313	19.253	ug/l	92
39) Methylcyclohexane	9.600	83	139630	19.888	ug/l #	83
40) Benzene	8.606	78	343774	19.720	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	62242	20.121	ug/l	95
42) 1,2-Dichloroethane	8.671	62	119141	19.589	ug/l	98
43) Isopropyl Acetate	8.688	43	185733	19.538	ug/l #	96
44) Trichloroethene	9.353	130	88330	19.024	ug/l	99
45) 1,2-Dichloropropane	9.624	63	87830	20.142	ug/l	95
46) Dibromomethane	9.712	93	61416	19.330	ug/l	90
47) Bromodichloromethane	9.888	83	118277	19.656	ug/l #	97
48) Methyl methacrylate	9.682	41	83818	18.949	ug/l	89
49) 1,4-Dioxane	9.694	88	35127	407.902	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	560158	102.433	ug/l	97
52) Toluene	10.629	92	221935	20.110	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	131573	19.676	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	138268	19.138	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	86196	20.307	ug/l	90
56) Ethyl methacrylate	10.877	69	129318	19.934	ug/l	86
57) 1,3-Dichloropropane	11.165	76	142363	19.397	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	286179	87.922	ug/l #	88
59) 2-Hexanone	11.200	43	404920	93.397	ug/l	95
60) Dibromochloromethane	11.359	129	88938	19.723	ug/l	95
61) 1,2-Dibromoethane	11.471	107	89868	20.134	ug/l	100
64) Tetrachloroethene	11.106	164	78346	20.889	ug/l #	83
65) Chlorobenzene	11.894	112	232826	19.576	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	81795	19.147	ug/l	95
67) Ethyl Benzene	11.965	91	408637	19.200	ug/l	95
68) m/p-Xylenes	12.071	106	311602	38.197	ug/l	96
69) o-Xylene	12.400	106	153245	18.951	ug/l	96
70) Styrene	12.412	104	249600	19.479	ug/l	97
71) Bromoform	12.582	173	54239	20.012	ug/l #	99
73) Isopropylbenzene	12.694	105	402359	18.949	ug/l	99
74) N-amyl acetate	12.494	43	163281	18.195	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	115813	19.397	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	100913m	18.301	ug/l	
77) Bromobenzene	12.982	156	86270	18.222	ug/l	78
78) n-propylbenzene	13.035	91	471122	19.274	ug/l	96
79) 2-Chlorotoluene	13.123	91	277734	18.524	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	330560	19.201	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	37611	17.557	ug/l #	85
82) 4-Chlorotoluene	13.223	91	272510	18.589	ug/l	95
83) tert-Butylbenzene	13.441	119	278285	18.694	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	329584	19.212	ug/l	98
85) sec-Butylbenzene	13.618	105	409132	19.770	ug/l	94
86) p-Isopropyltoluene	13.729	119	334228	19.444	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	166230	18.583	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	165469	18.825	ug/l	98
89) n-Butylbenzene	14.059	91	287993	19.231	ug/l	96
90) Hexachloroethane	14.335	117	54380	19.139	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	164693	19.089	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22196	17.881	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	89703	18.636	ug/l	99
94) Hexachlorobutadiene	15.506	225	32962	18.362	ug/l	97
95) Naphthalene	15.641	128	327568	18.571	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	91735	19.212	ug/l	98

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Manual Integrations
APPROVED

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

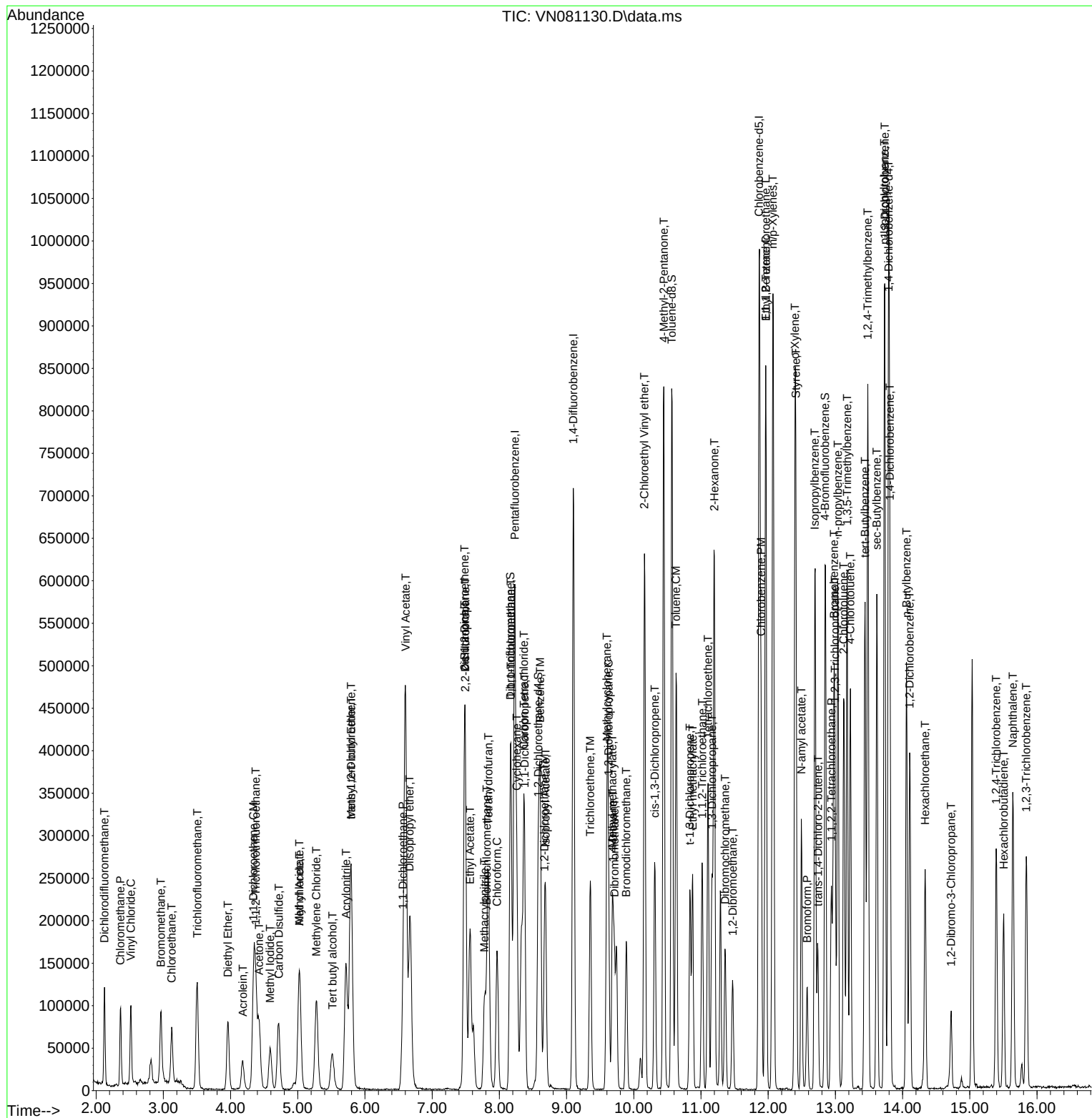
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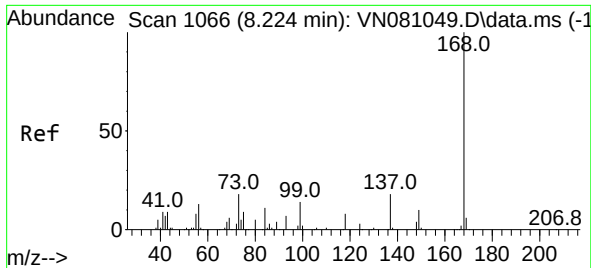
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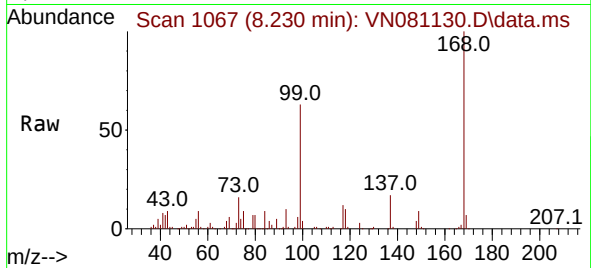
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081130.D
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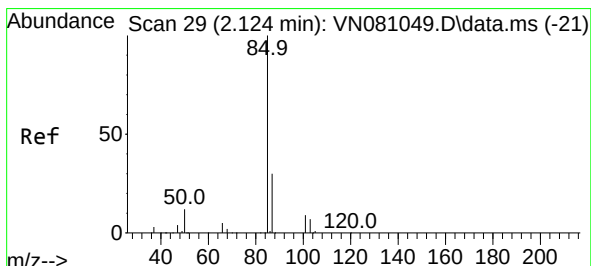
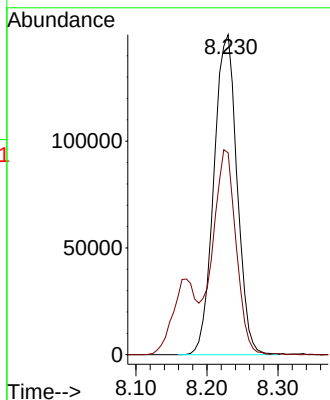
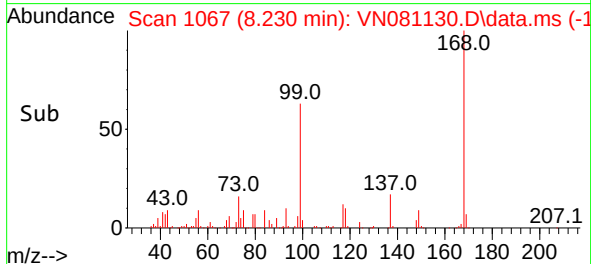
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



Tgt Ion:168 Resp: 33942
Ion Ratio Lower Upper
168 100
99 62.7 59.9 89.9

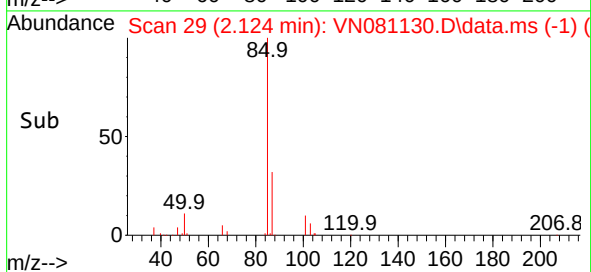
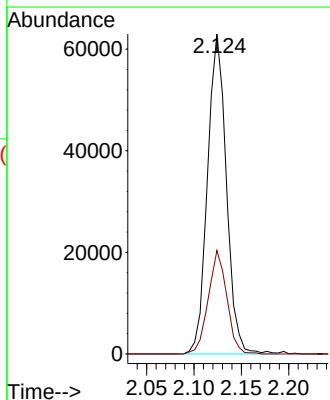
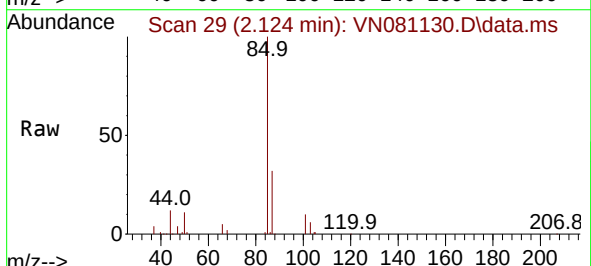
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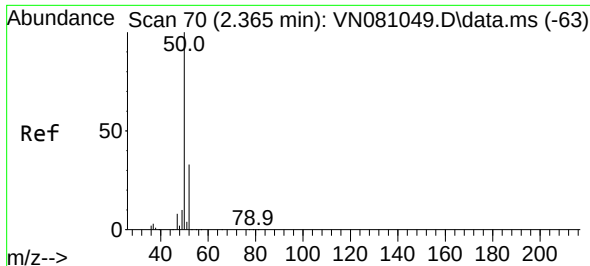
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#2
Dichlorodifluoromethane
Concen: 19.926 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081130.D
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Tgt Ion: 85 Resp: 87469
Ion Ratio Lower Upper
85 100
87 32.3 15.3 45.9





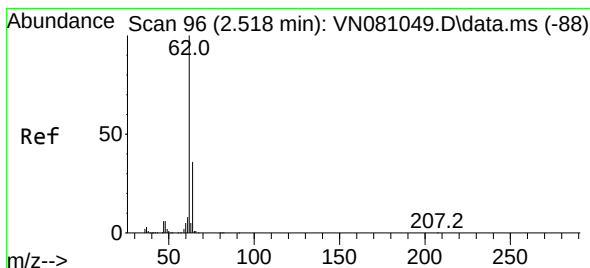
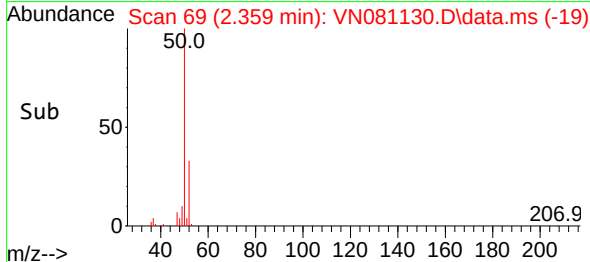
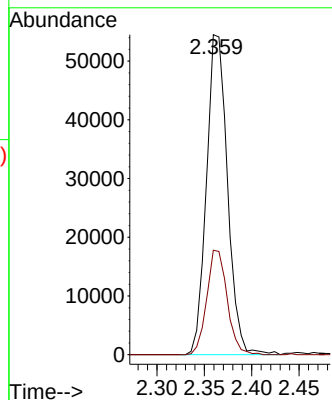
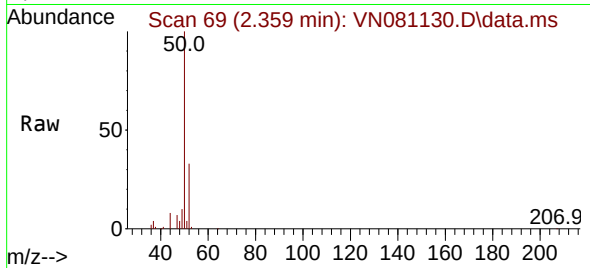
#3
Chloromethane
Concen: 16.813 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

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Tgt Ion: 50 Resp: 84274
Ion Ratio Lower Upper
50 100
52 32.6 25.0 37.4

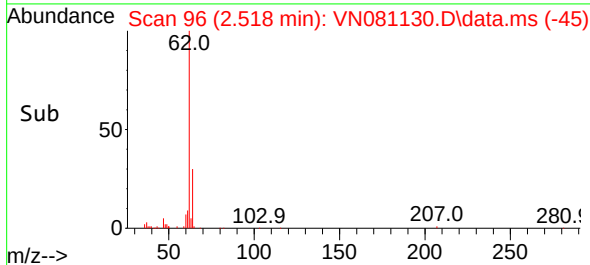
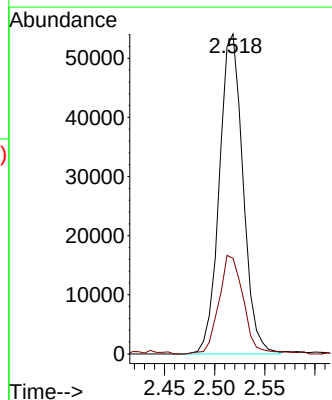
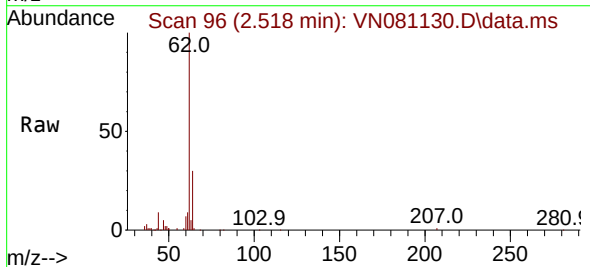
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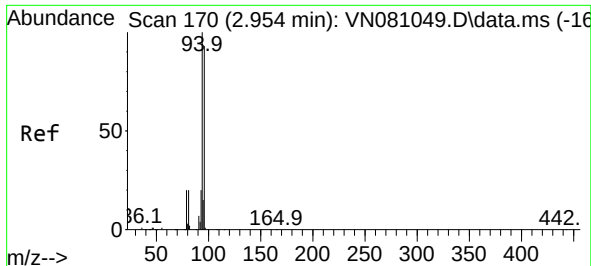
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#4
Vinyl Chloride
Concen: 18.180 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081130.D
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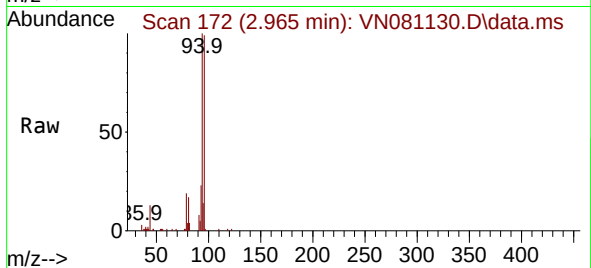
Tgt Ion: 62 Resp: 88643
Ion Ratio Lower Upper
62 100
64 29.9 22.7 34.1





#5
Bromomethane
Concen: 17.877 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081130.D
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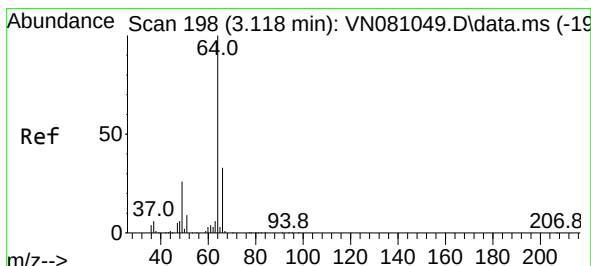
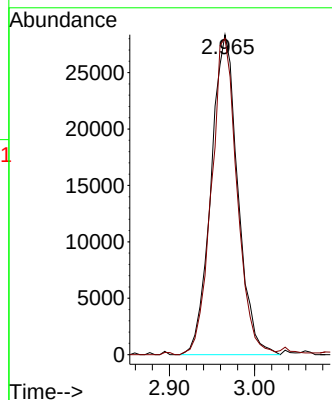
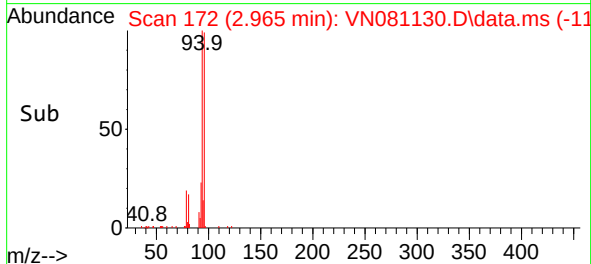
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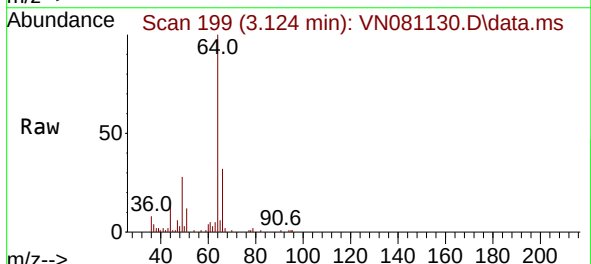
Tgt Ion: 94 Resp: 61909
Ion Ratio Lower Upper
94 100
96 98.8 69.2 103.8

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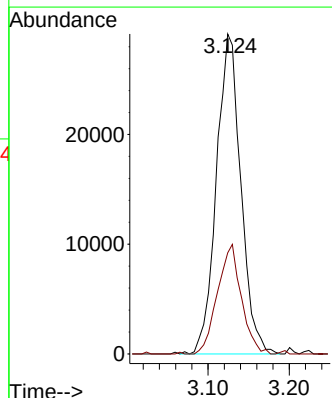
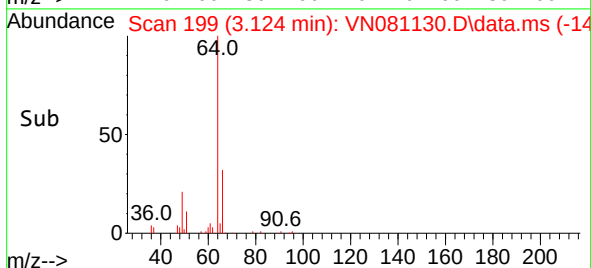
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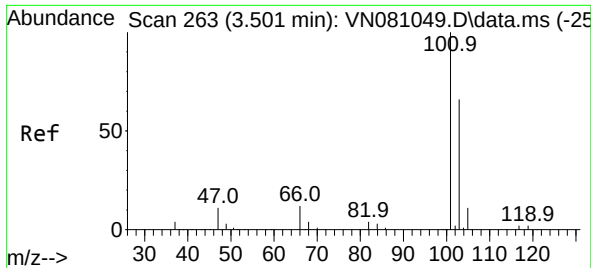


#6
Chloroethane
Concen: 18.778 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



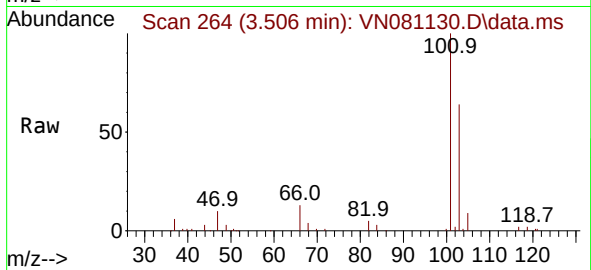
Tgt Ion: 64 Resp: 60933
Ion Ratio Lower Upper
64 100
66 31.1 26.4 39.6





#7
Trichlorofluoromethane
Concen: 19.697 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

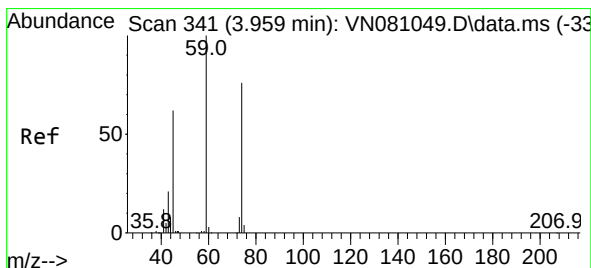
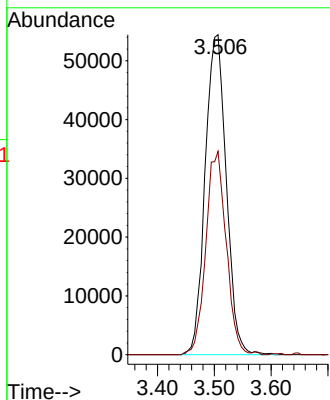
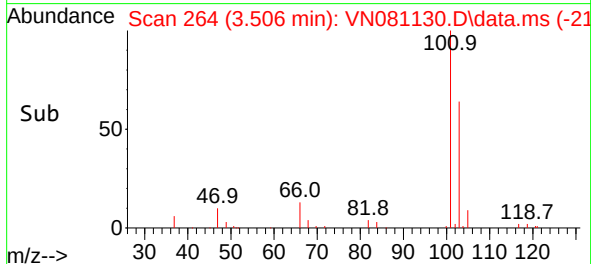
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Tgt Ion:101 Resp: 14030
Ion Ratio Lower Upper
101 100
103 63.6 54.4 81.6

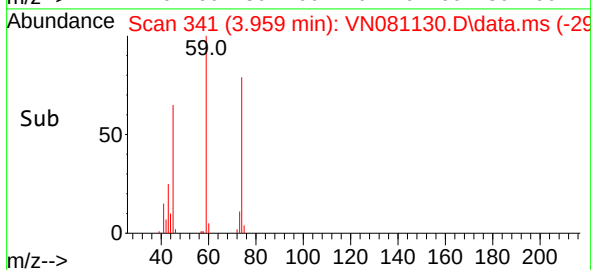
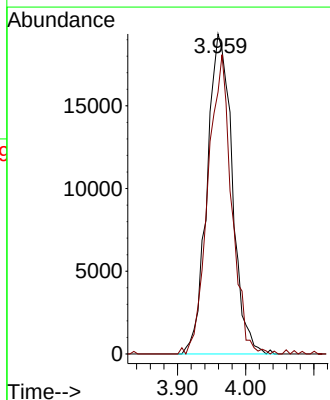
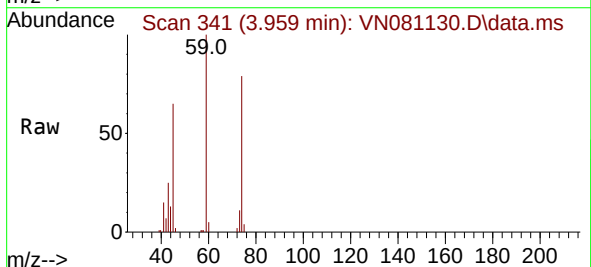
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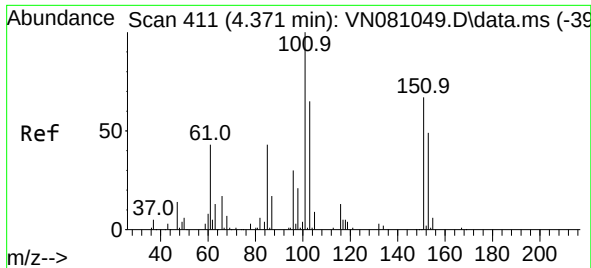
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#8
Diethyl Ether
Concen: 19.041 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 74 Resp: 49587
Ion Ratio Lower Upper
74 100
45 87.9 53.3 159.9





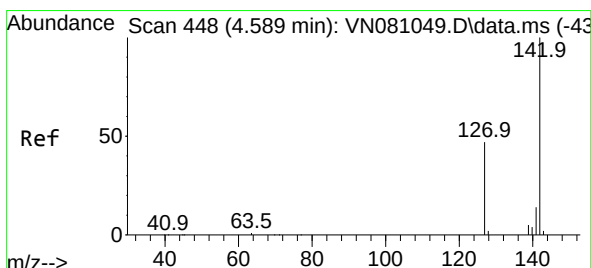
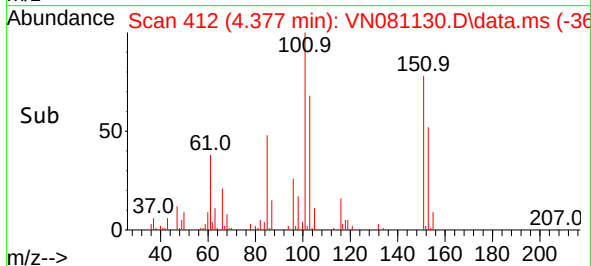
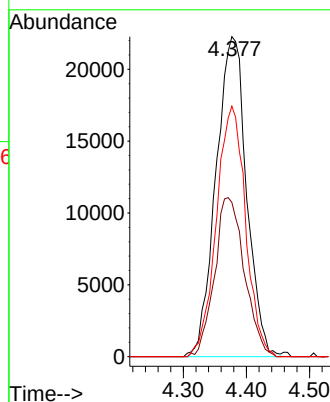
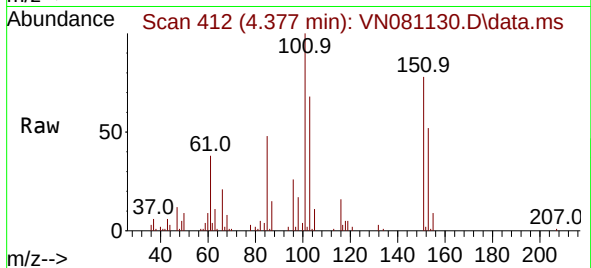
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.894 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02

Tgt Ion:101 Resp: 75028
Ion Ratio Lower Upper
101 100
85 48.5 38.1 57.1
151 74.5 49.1 73.7

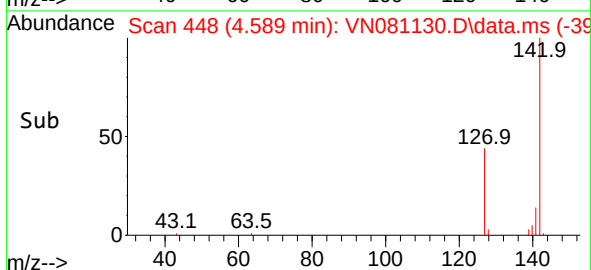
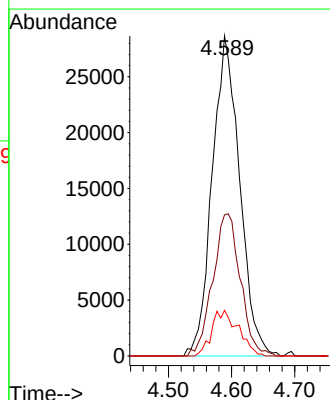
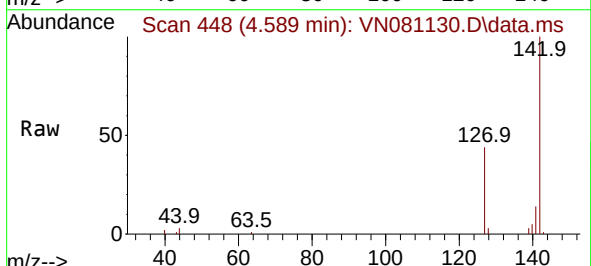
Manual Integrations
APPROVED

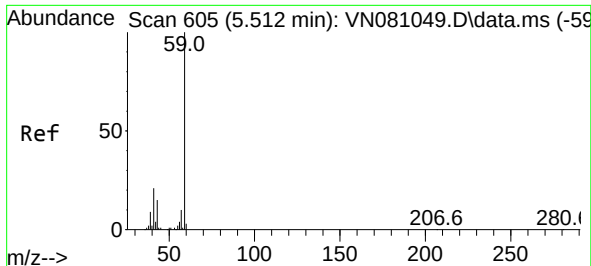
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#10
Methyl Iodide
Concen: 19.514 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

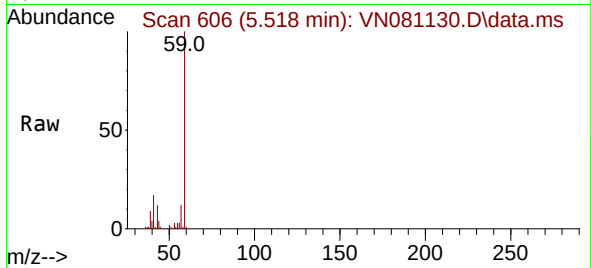
Tgt Ion:142 Resp: 86494
Ion Ratio Lower Upper
142 100
127 44.1 37.0 55.4
141 14.2 12.5 18.7





#11
Tert butyl alcohol
Concen: 104.735 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

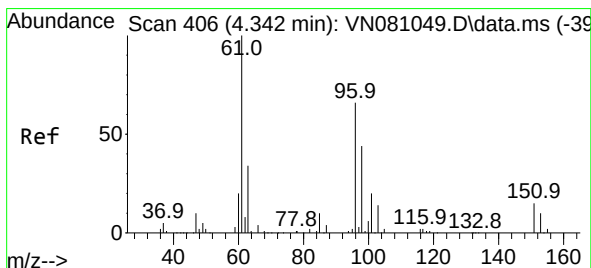
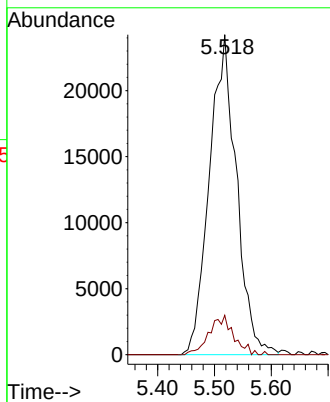
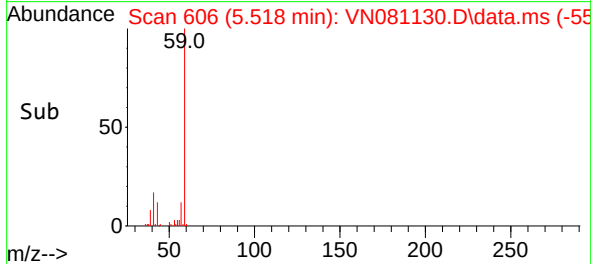
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



Tgt Ion: 59 Resp: 80135
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

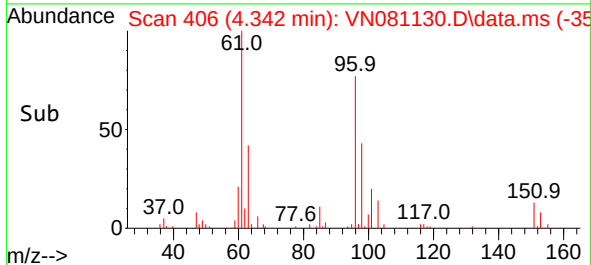
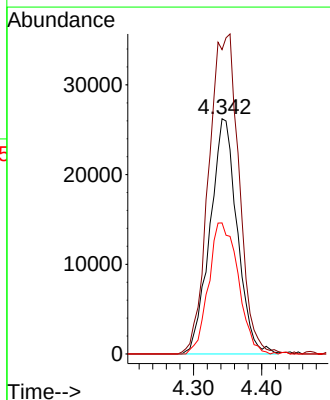
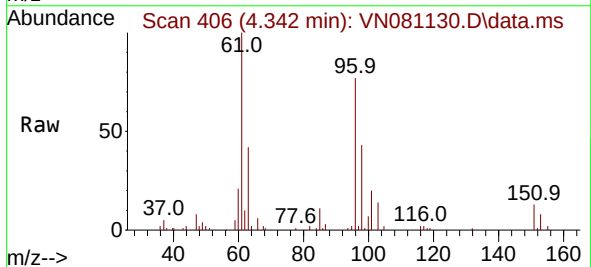
Manual Integrations
APPROVED

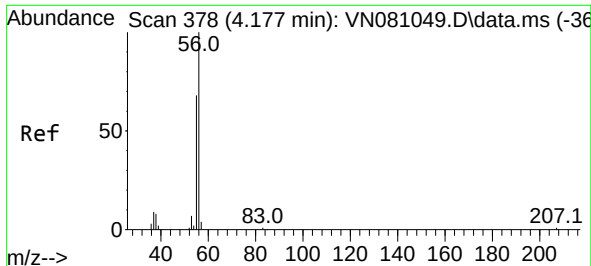
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#12
1,1-Dichloroethene
Concen: 18.952 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

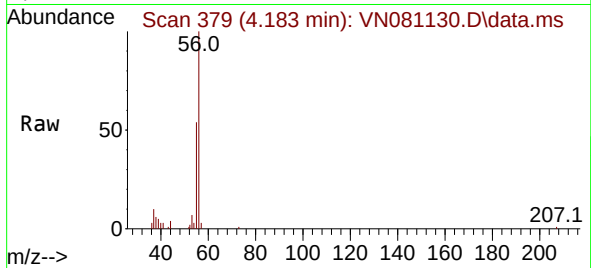
Tgt Ion: 96 Resp: 72746
Ion Ratio Lower Upper
96 100
61 129.4 138.2 207.4#
98 55.7 49.2 73.8





#13
Acrolein
Concen: 107.970 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

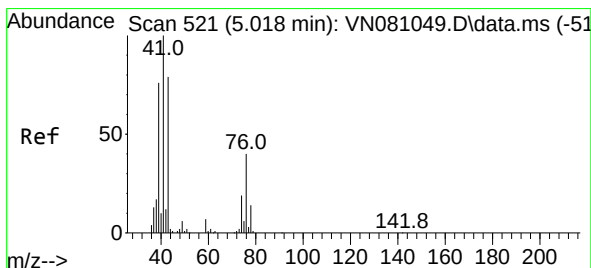
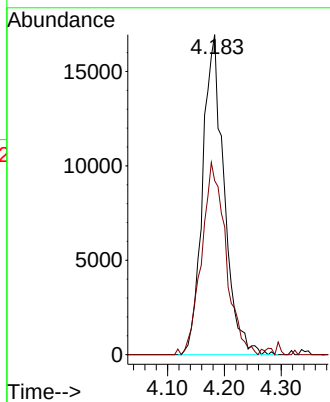
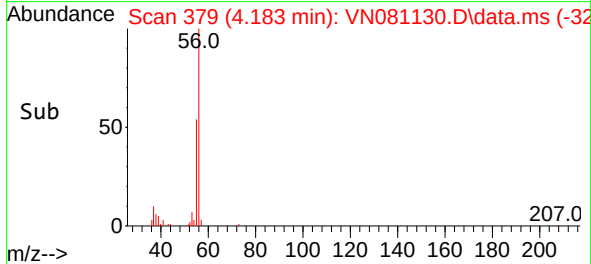
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



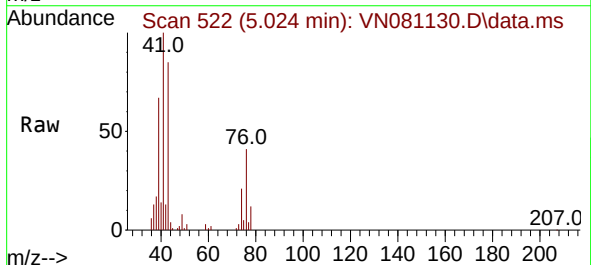
Tgt Ion: 56 Resp: 4427
Ion Ratio Lower Upper
56 100
55 68.0 55.3 82.9

Manual Integrations
APPROVED

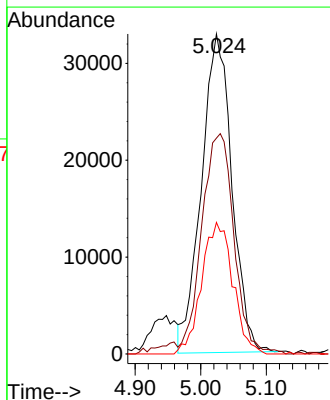
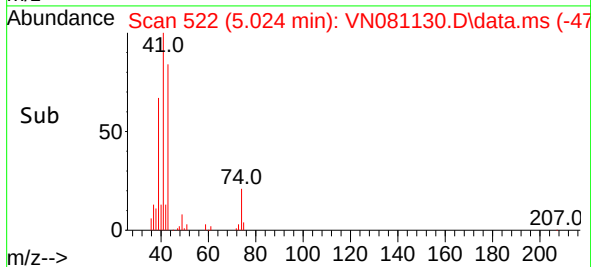
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

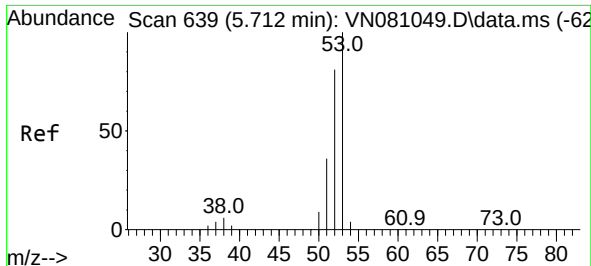


#14
Allyl chloride
Concen: 18.648 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



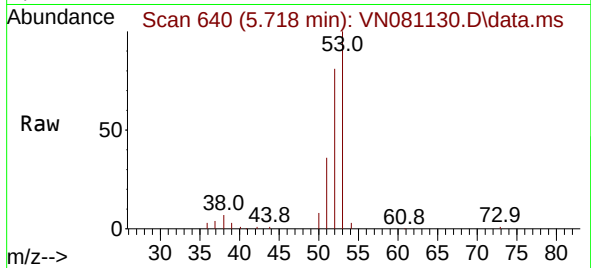
Tgt Ion: 41 Resp: 106206
Ion Ratio Lower Upper
41 100
39 75.6 57.7 86.5
76 42.3 26.8 40.2#





#15
Acrylonitrile
Concen: 98.217 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

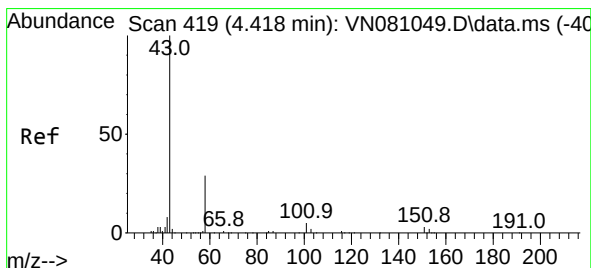
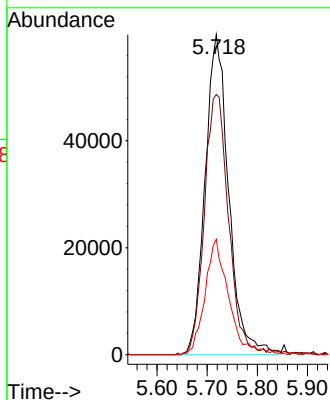
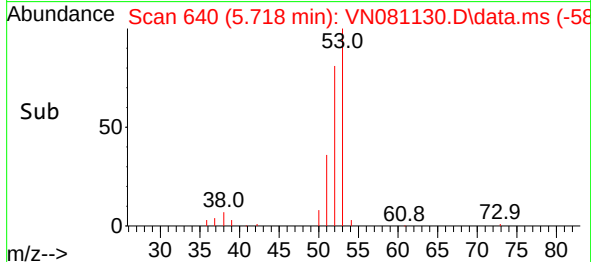
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



Tgt Ion: 53 Resp: 19626
Ion Ratio Lower Upper
53 100
52 82.7 64.8 97.2
51 36.2 26.9 40.3

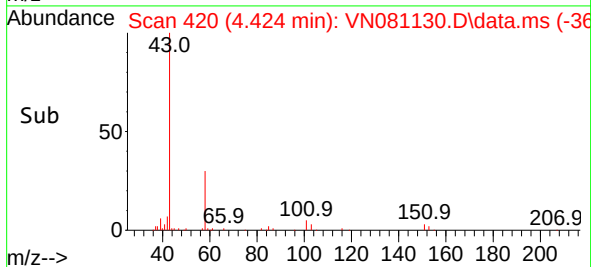
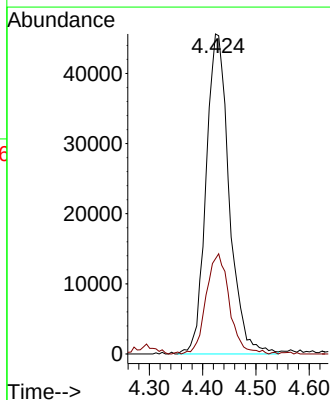
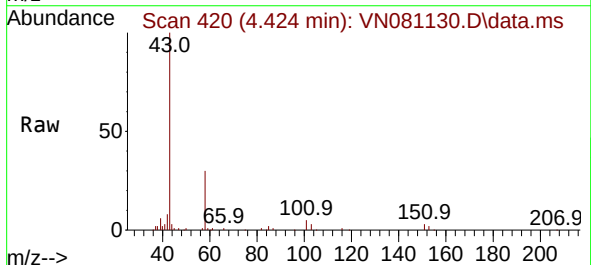
Manual Integrations
APPROVED

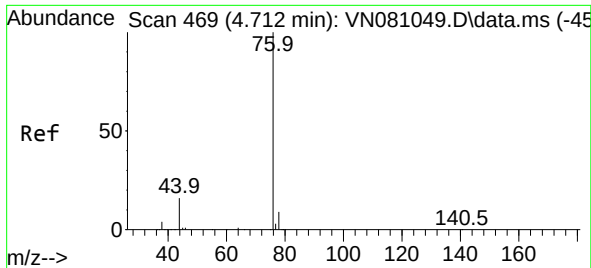
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#16
Acetone
Concen: 84.123 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

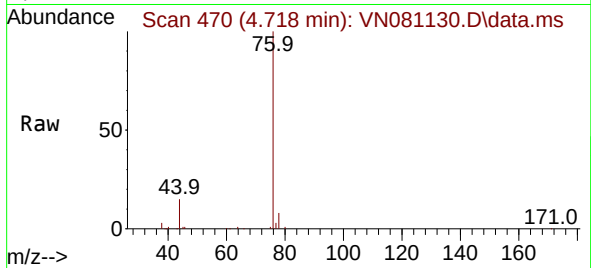
Tgt Ion: 43 Resp: 137713
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2





#17
Carbon Disulfide
Concen: 16.583 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

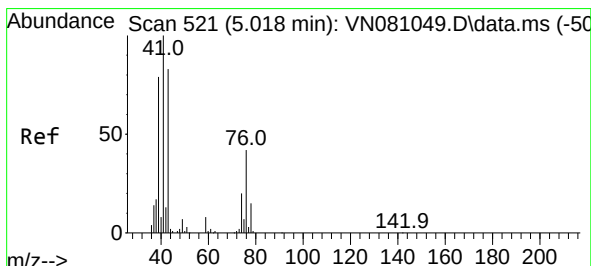
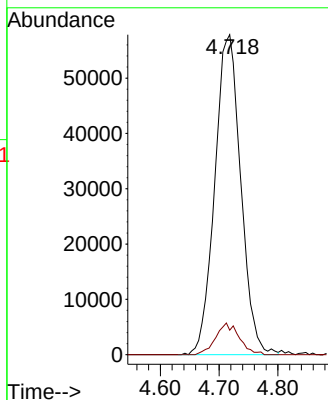
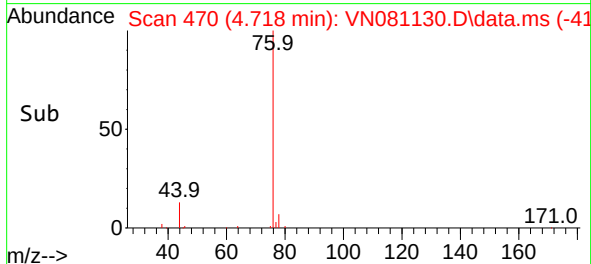
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



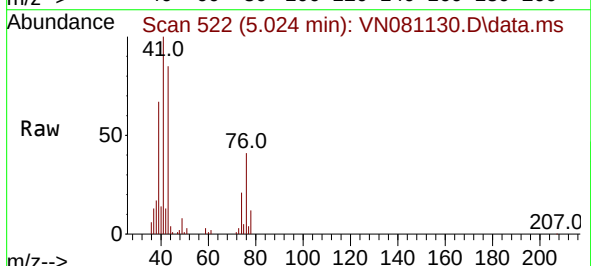
Tgt Ion: 76 Resp: 177549
Ion Ratio Lower Upper
76 100
78 7.7 6.3 9.5

Manual Integrations
APPROVED

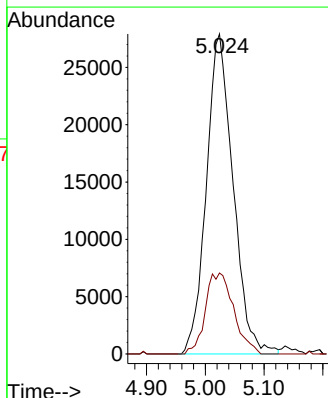
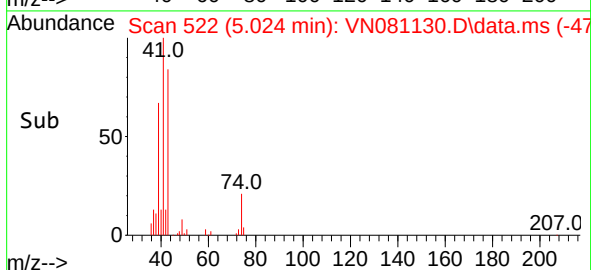
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

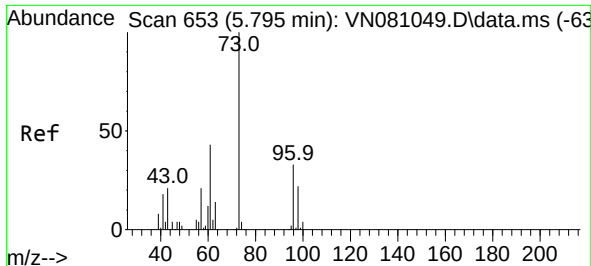


#18
Methyl Acetate
Concen: 22.065 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



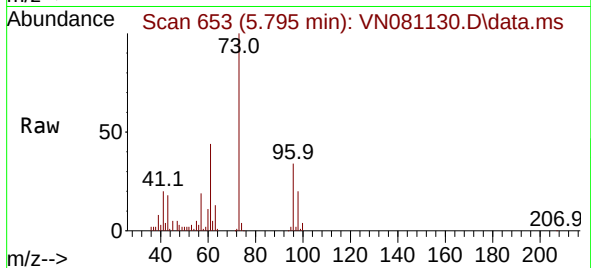
Tgt Ion: 43 Resp: 88118
Ion Ratio Lower Upper
43 100
74 26.9 17.3 25.9#





#19
Methyl tert-butyl Ether
Concen: 19.431 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

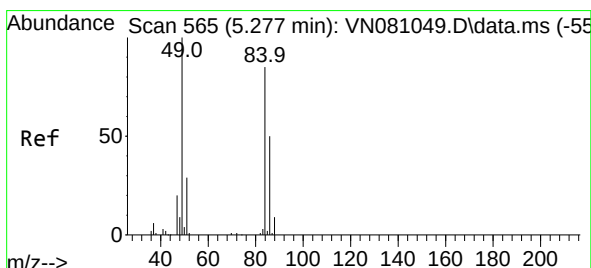
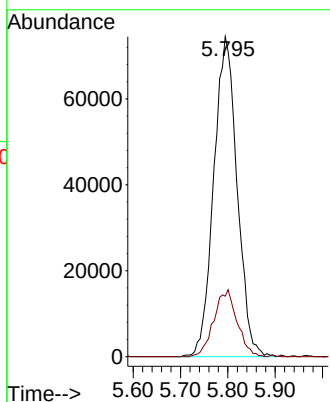
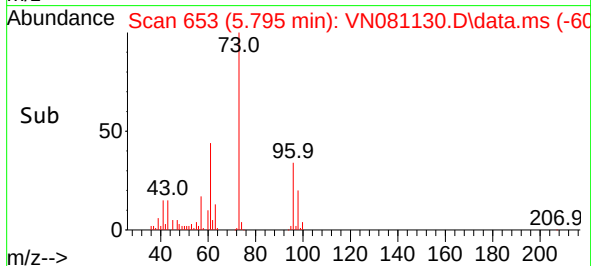
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



Tgt Ion: 73 Resp: 255458
Ion Ratio Lower Upper
73 100
57 18.9 18.2 27.4

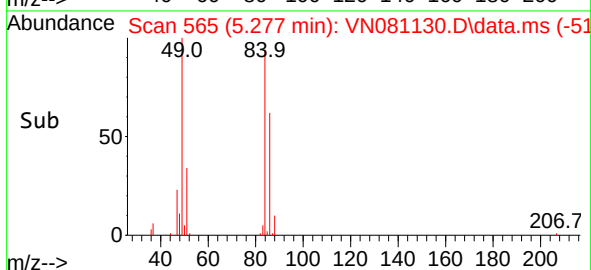
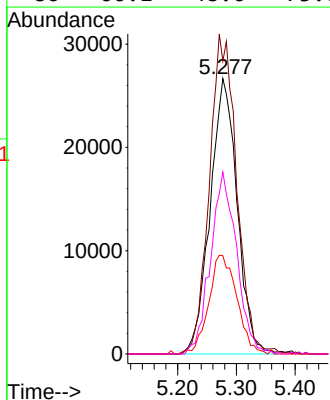
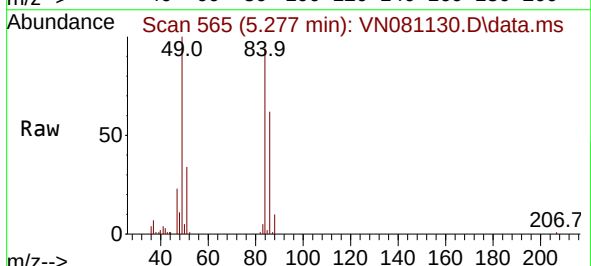
Manual Integrations
APPROVED

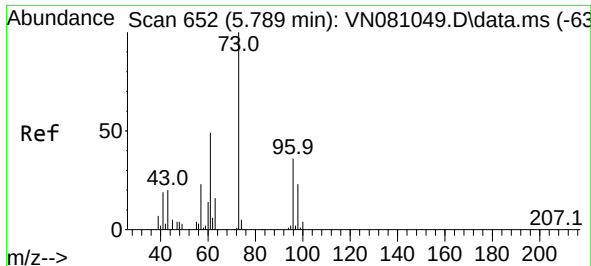
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 19.525 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

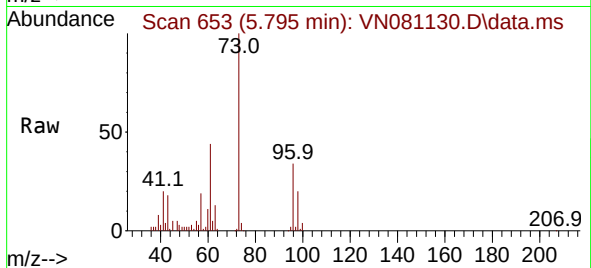
Tgt Ion: 84 Resp: 85088
Ion Ratio Lower Upper
84 100
49 106.4 108.1 162.1#
51 35.7 32.9 49.3
86 66.1 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 17.558 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

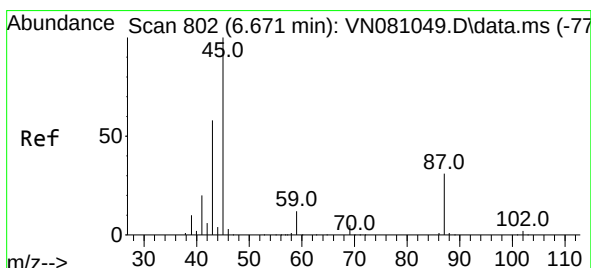
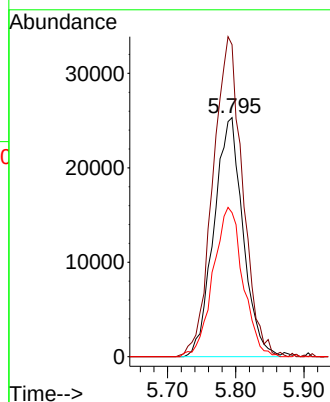
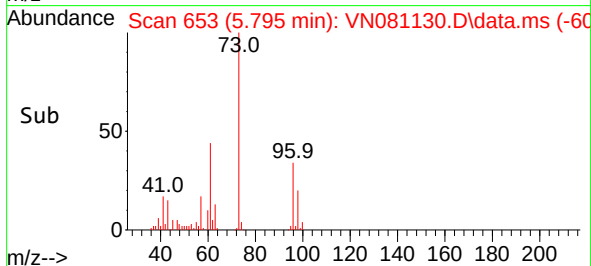
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



Tgt Ion: 96 Resp: 7519
Ion Ratio Lower Upper
96 100
61 129.8 112.8 169.2
98 60.2 51.0 76.4

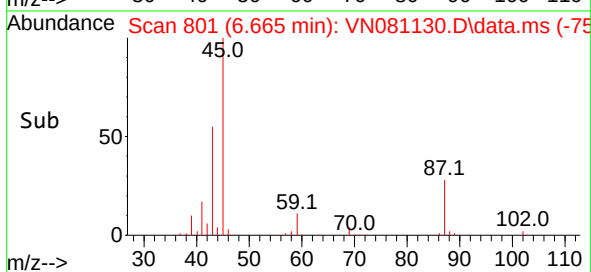
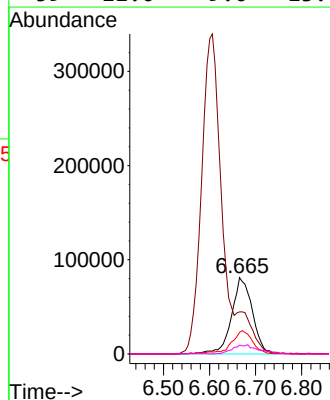
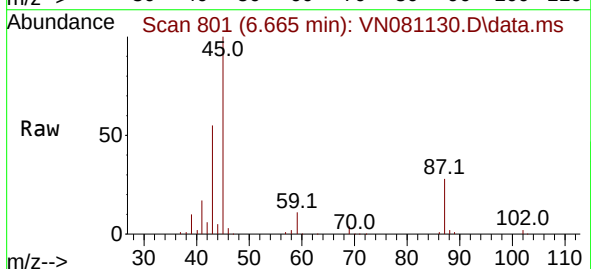
Manual Integrations
APPROVED

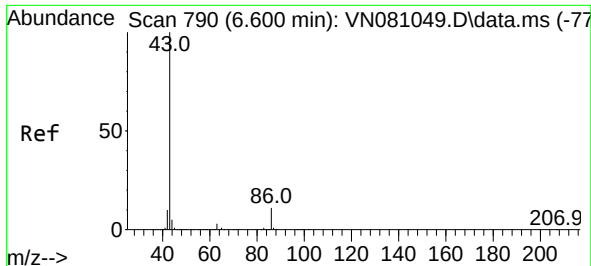
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#22
Diisopropyl ether
Concen: 19.657 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

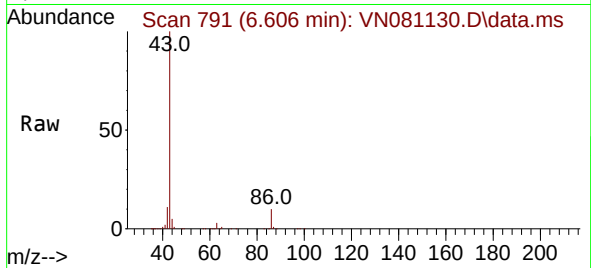
Tgt Ion: 45 Resp: 253958
Ion Ratio Lower Upper
45 100
43 54.3 41.8 62.8
87 28.0 18.1 27.1#
59 11.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 96.060 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

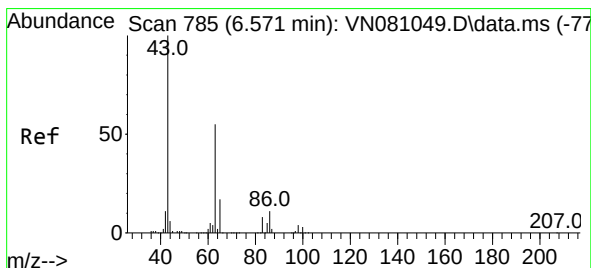
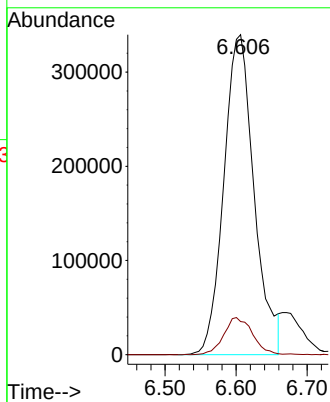
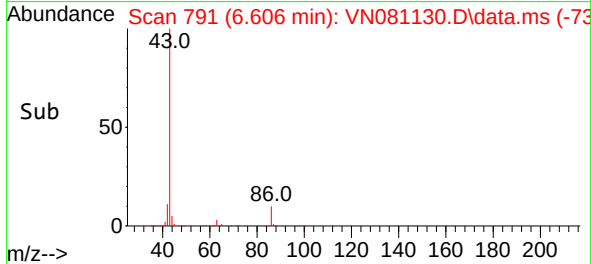
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS02



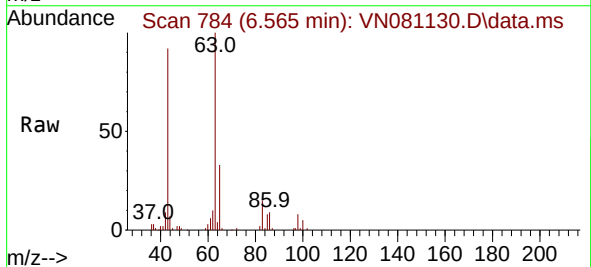
Tgt Ion: 43 Resp: 1006910
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7

Manual Integrations
 APPROVED

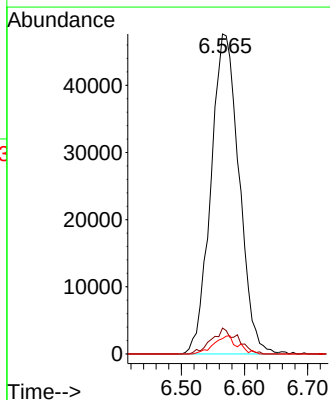
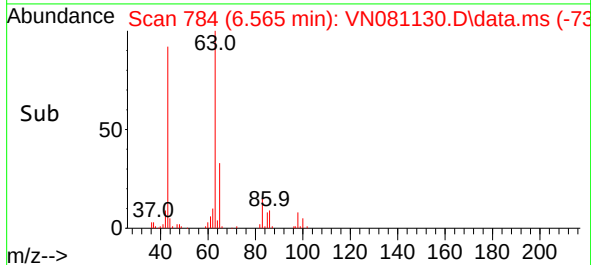
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

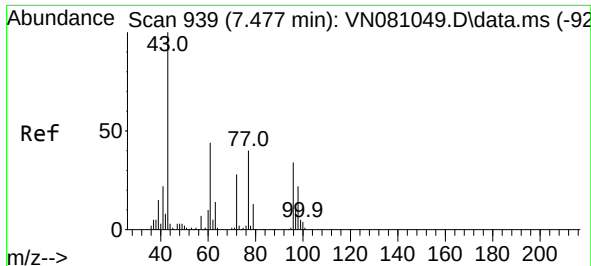


#24
 1,1-Dichloroethane
 Concen: 19.746 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12



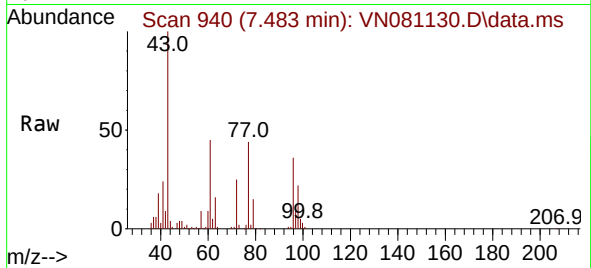
Tgt Ion: 63 Resp: 147510
 Ion Ratio Lower Upper
 63 100
 98 8.1 2.9 8.6
 100 4.8 1.9 5.7





#25
2-Butanone
Concen: 92.774 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

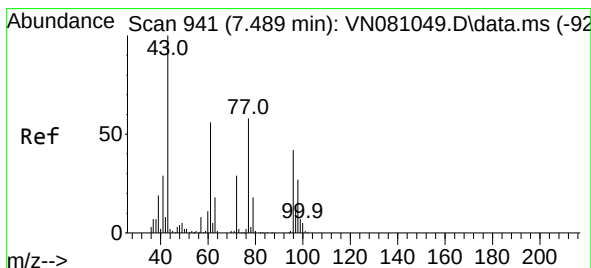
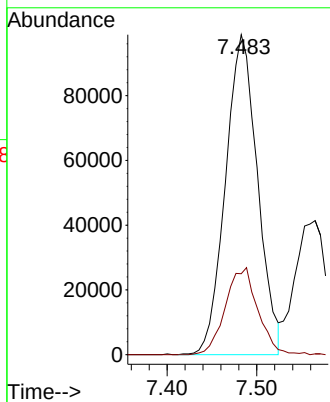
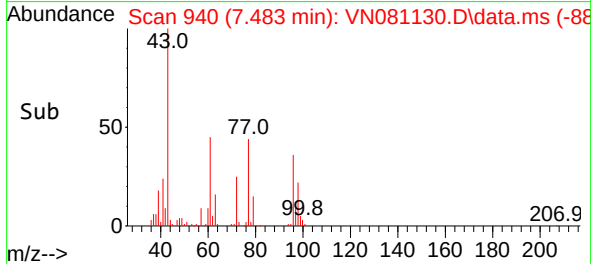
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



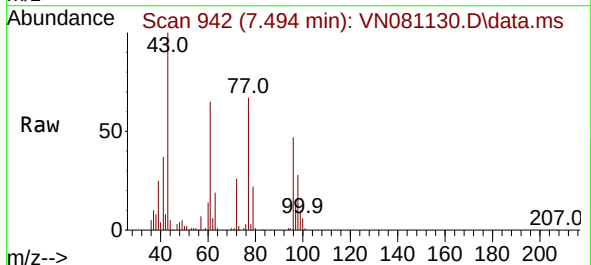
Tgt Ion: 43 Resp: 24535
Ion Ratio Lower Upper
43 100
72 25.3 19.5 29.3

Manual Integrations
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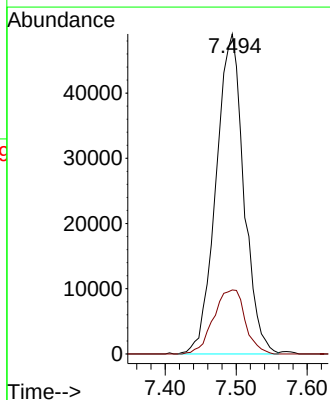
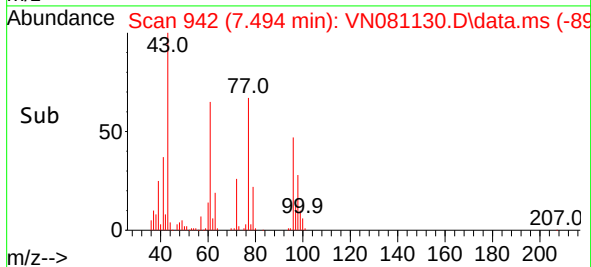
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

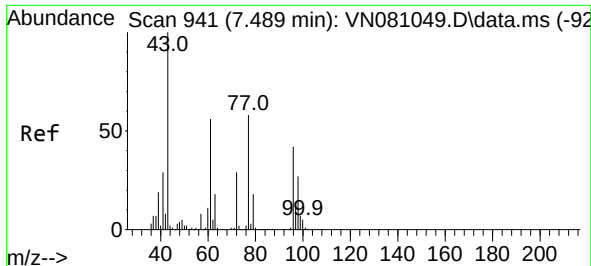


#26
2,2-Dichloropropane
Concen: 19.086 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



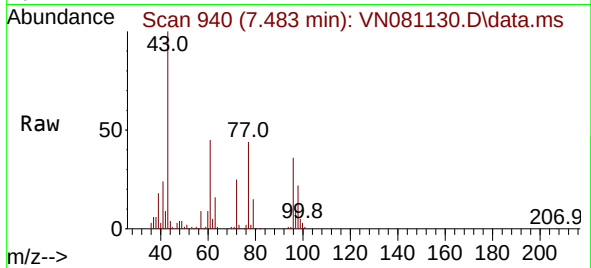
Tgt Ion: 77 Resp: 133594
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.823 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

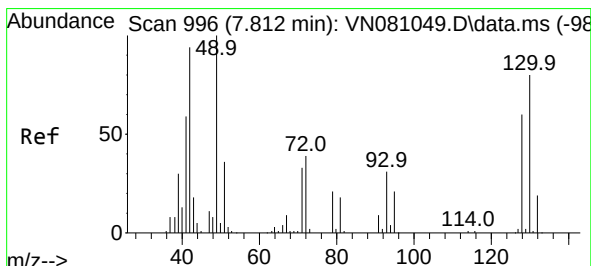
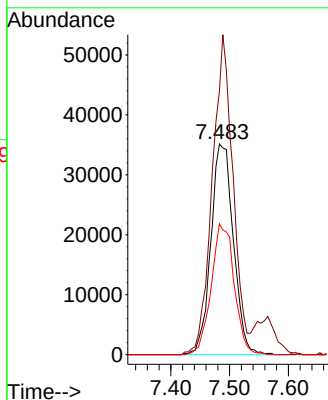
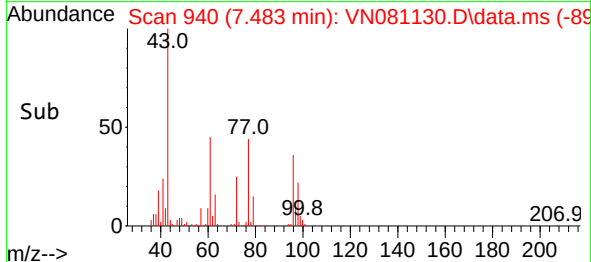
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS02



Tgt Ion: 96 Resp: 9365
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 325.4
 98 63.2 0.0 130.4

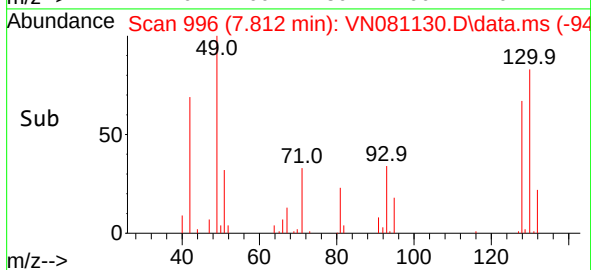
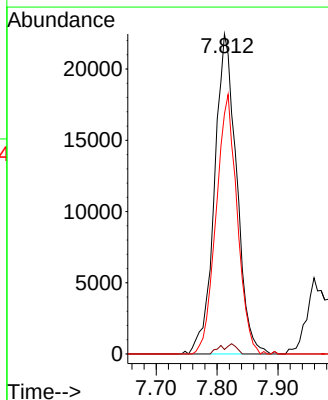
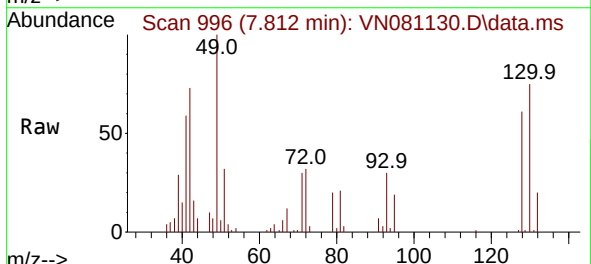
Manual Integrations
 APPROVED

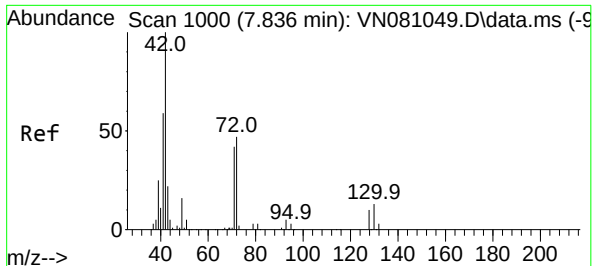
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#28
 Bromochloromethane
 Concen: 18.298 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

Tgt Ion: 49 Resp: 56670
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 1.6#
 130 77.2 42.3 63.5#





#29

Tetrahydrofuran

Concen: 95.624 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS02

Tgt Ion: 42 Resp: 168820

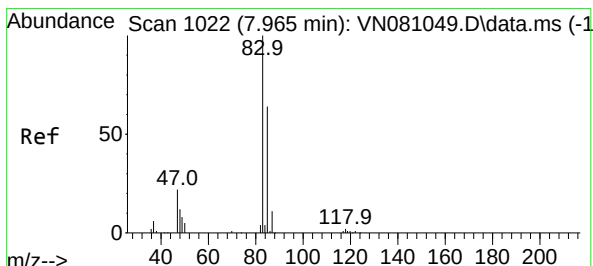
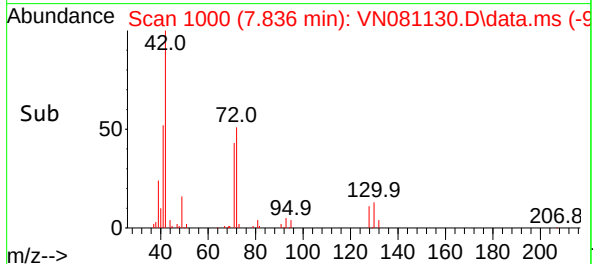
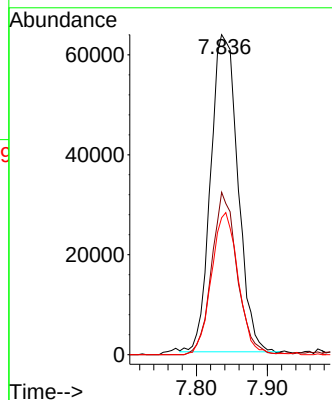
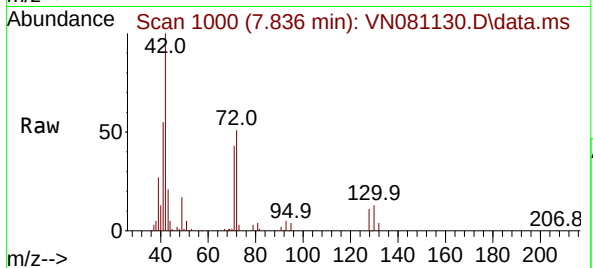
Ion	Ratio	Lower	Upper
42	100		
72	47.7	31.1	46.7
71	44.2	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#30

Chloroform

Concen: 19.955 ug/l

RT: 7.965 min Scan# 1022

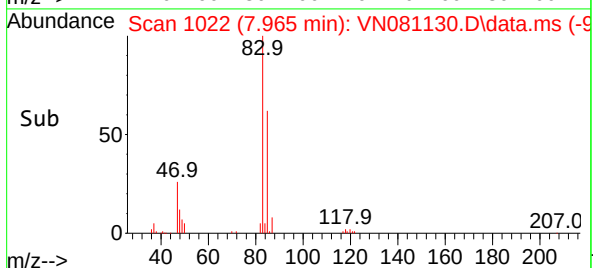
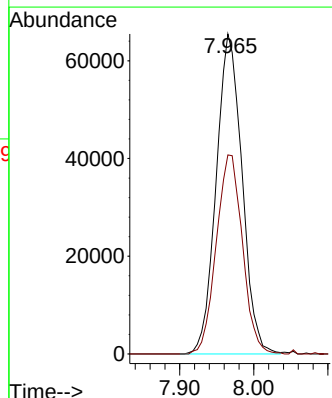
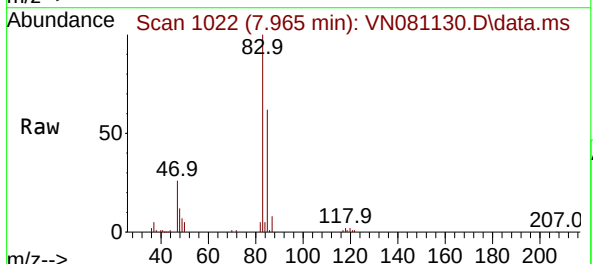
Delta R.T. -0.000 min

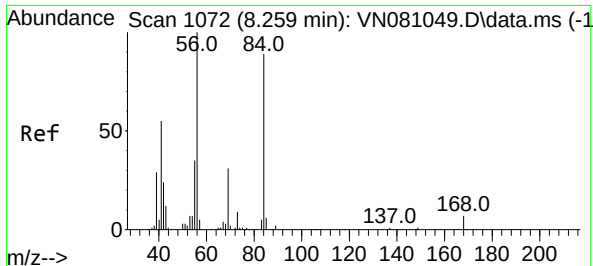
Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Tgt Ion: 83 Resp: 158476

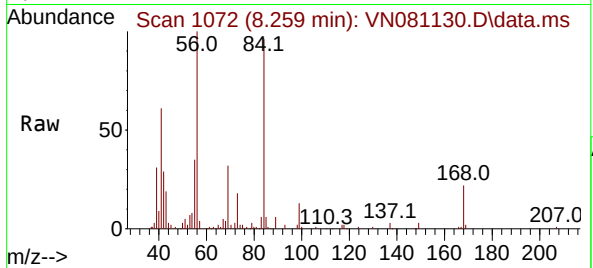
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.0	76.6





#31
Cyclohexane
Concen: 18.422 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

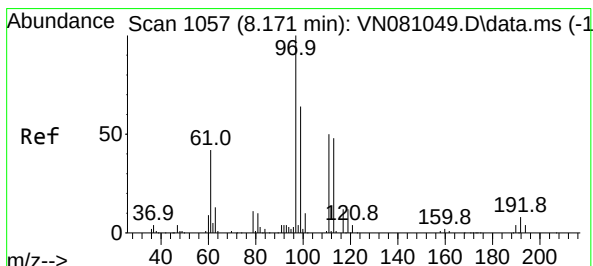
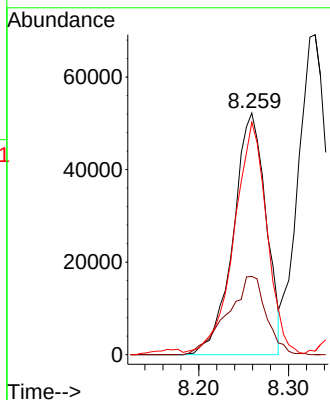
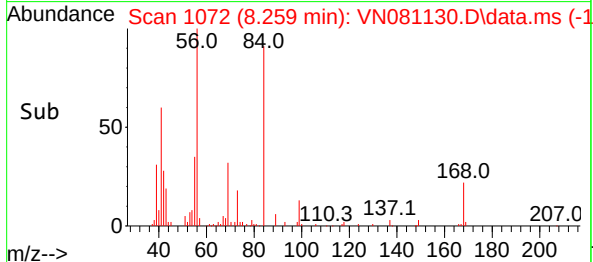
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



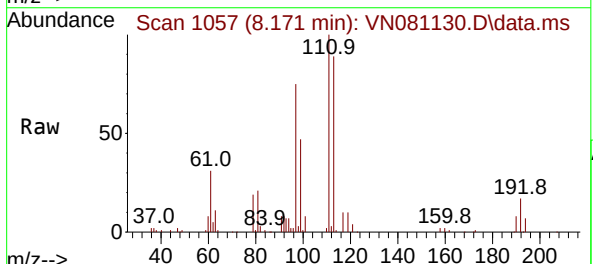
Tgt Ion: 56 Resp: 13233
Ion Ratio Lower Upper
56 100
69 32.4 20.1 30.1
84 93.9 56.9 85.3

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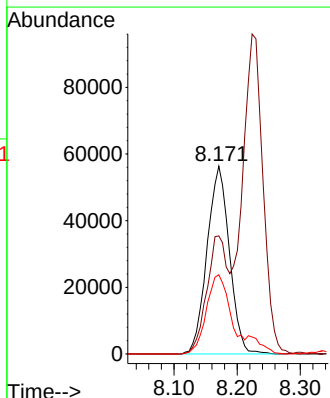
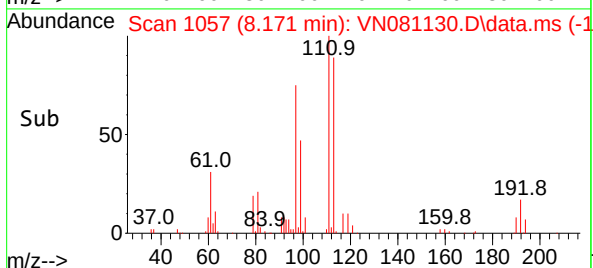
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

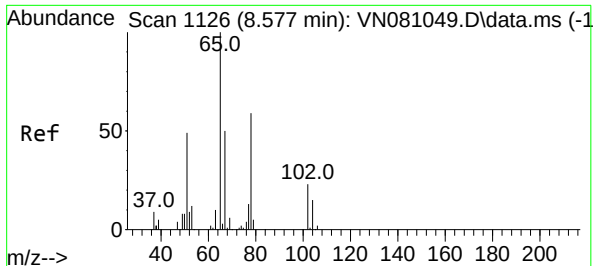


#32
1,1,1-Trichloroethane
Concen: 19.194 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



Tgt Ion: 97 Resp: 138826
Ion Ratio Lower Upper
97 100
99 58.9 53.4 80.0
61 45.0 43.8 65.8





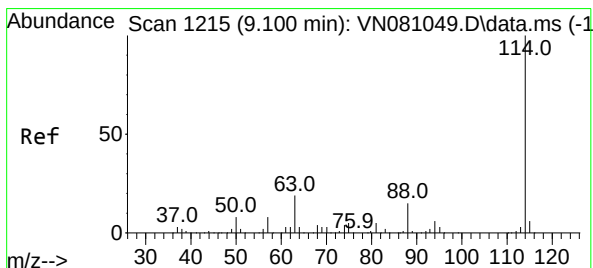
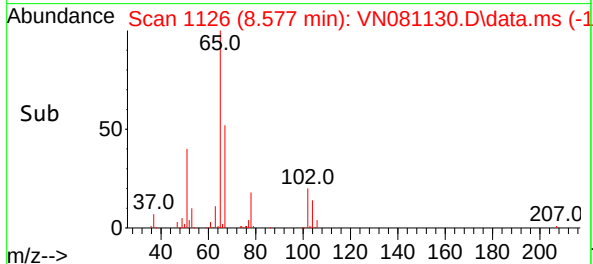
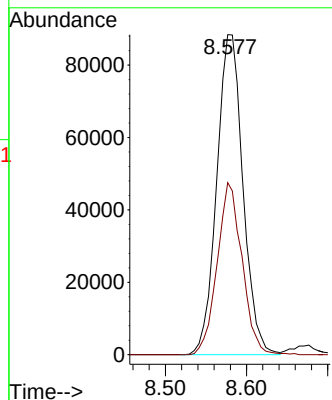
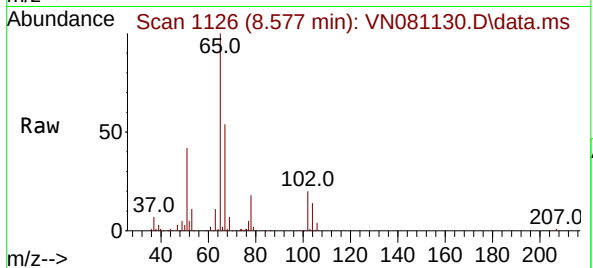
#33
1,2-Dichloroethane-d4
Concen: 47.757 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02

Tgt Ion: 65 Resp: 19869
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4

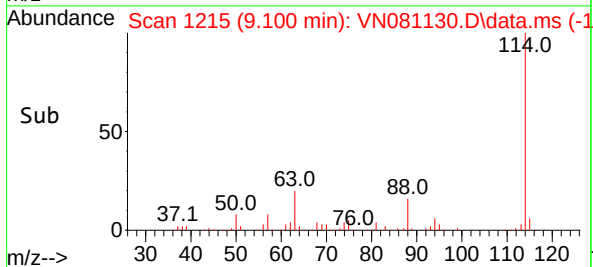
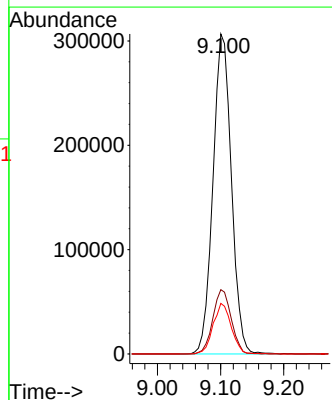
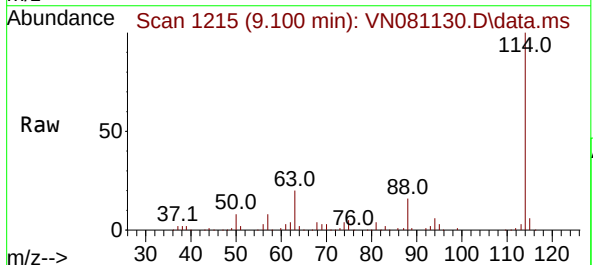
Manual Integrations
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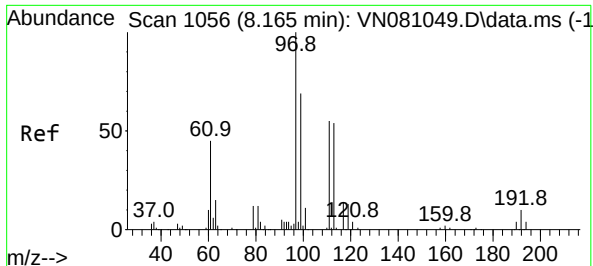
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:114 Resp: 621678
Ion Ratio Lower Upper
114 100
63 20.1 0.0 48.0
88 15.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.289 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS02

Tgt Ion:113 Resp: 16975

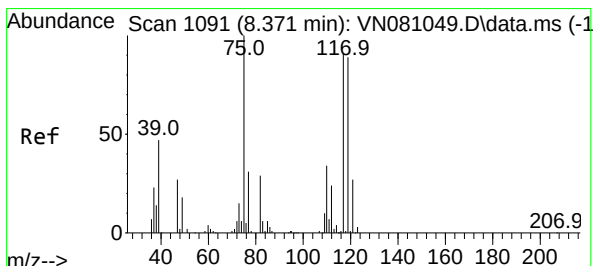
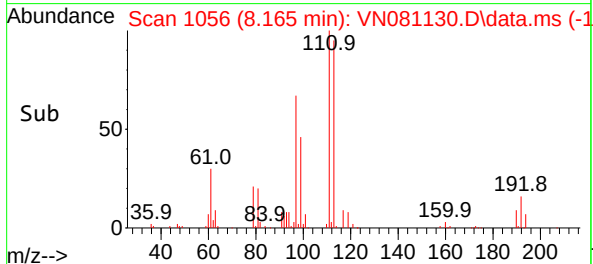
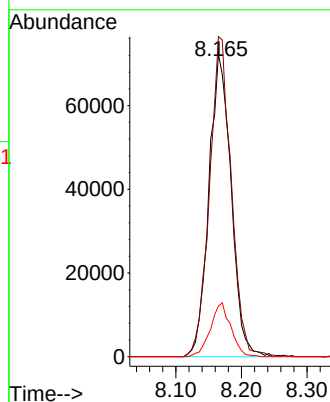
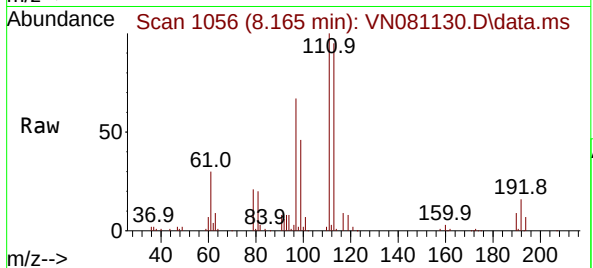
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	16.4	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#36

1,1-Dichloropropene

Concen: 18.885 ug/l

RT: 8.377 min Scan# 1092

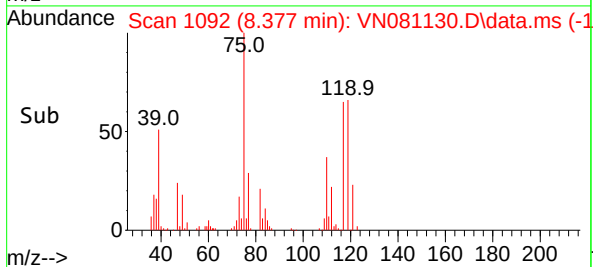
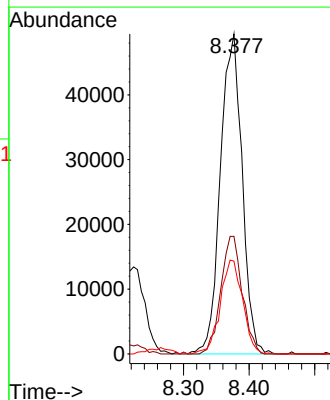
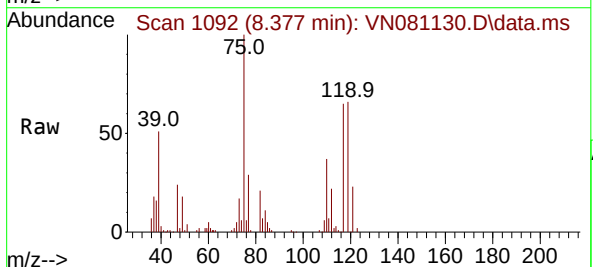
Delta R.T. 0.006 min

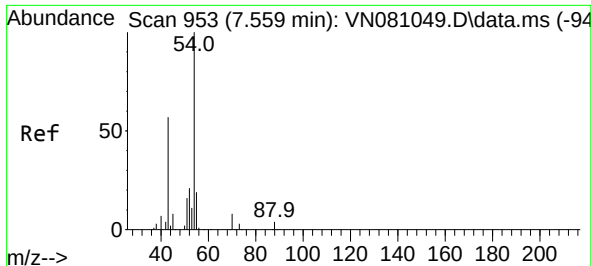
Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Tgt Ion: 75 Resp: 113737

Ion	Ratio	Lower	Upper
75	100		
110	36.2	16.0	48.0
77	30.2	25.8	38.6





#37

Ethyl Acetate

Concen: 19.560 ug/l

RT: 7.565 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS02

Tgt Ion: 43 Resp: 106319

Ion Ratio Lower Upper

43 100

61 14.1 10.6 15.8

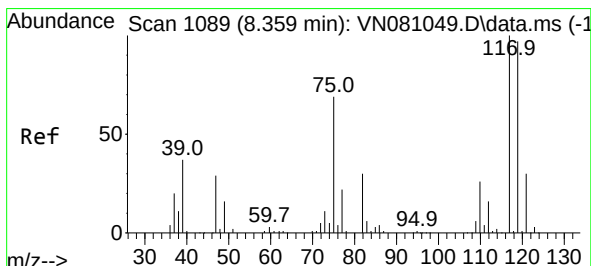
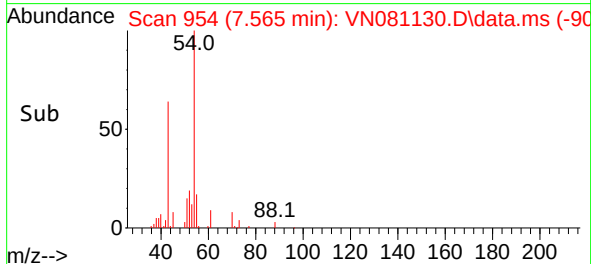
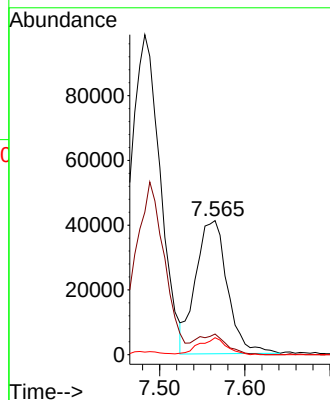
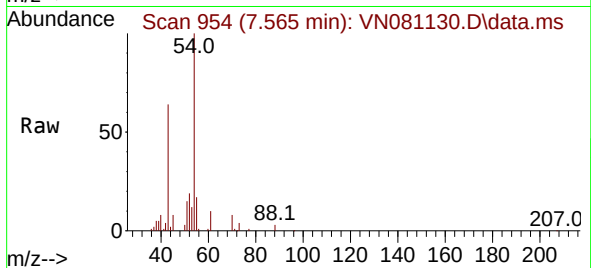
70 11.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#38

Carbon Tetrachloride

Concen: 19.253 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

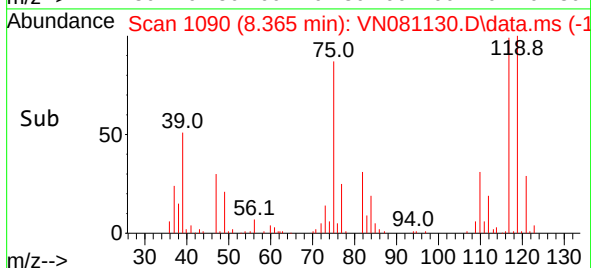
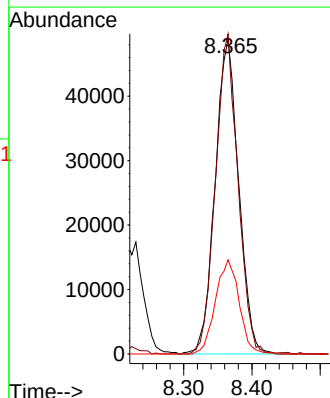
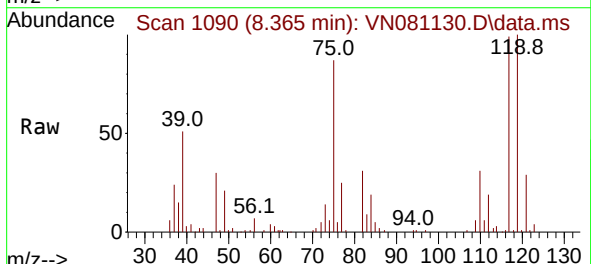
Tgt Ion:117 Resp: 117313

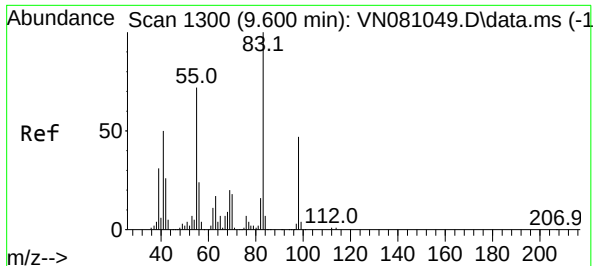
Ion Ratio Lower Upper

117 100

119 101.5 73.4 110.2

121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 19.888 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS02

Tgt Ion: 83 Resp: 139630

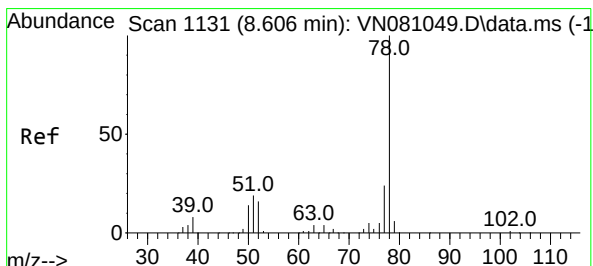
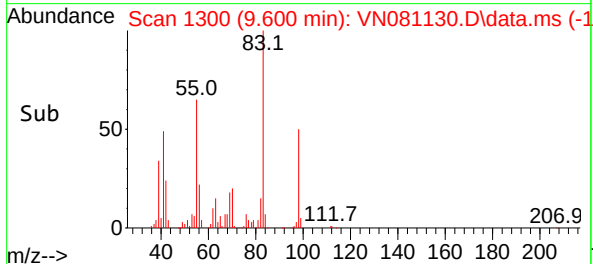
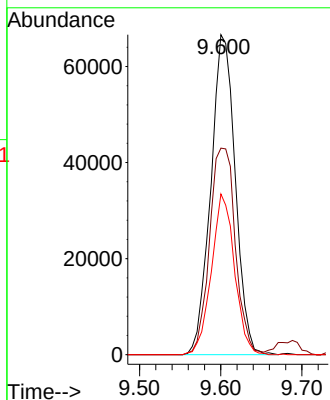
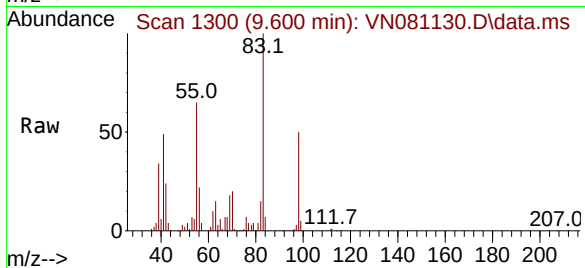
Ion	Ratio	Lower	Upper
83	100		
55	64.6	65.7	98.5
98	50.2	33.8	50.6

Manual Integrations

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Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#40

Benzene

Concen: 19.720 ug/l

RT: 8.606 min Scan# 1131

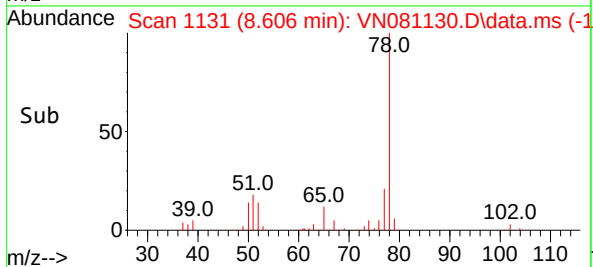
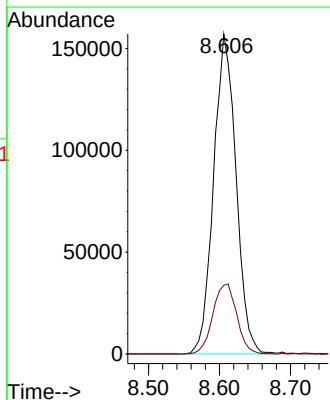
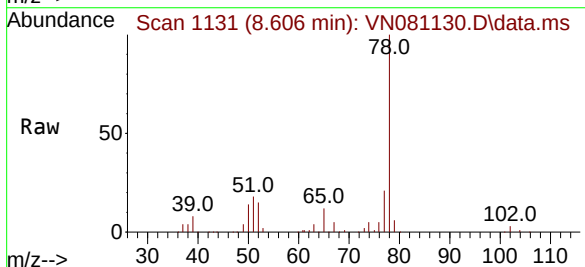
Delta R.T. -0.000 min

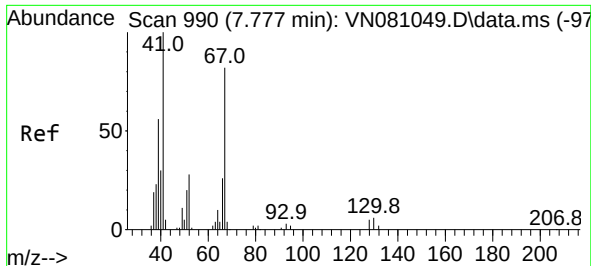
Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Tgt Ion: 78 Resp: 343774

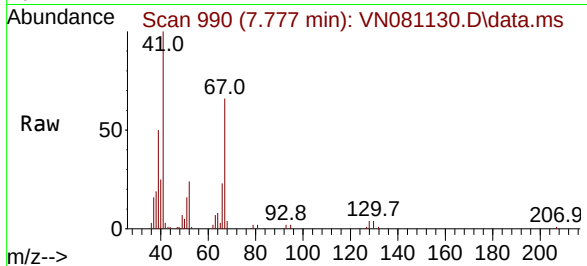
Ion	Ratio	Lower	Upper
78	100		
77	21.5	20.4	30.6





#41
Methacrylonitrile
Concen: 20.121 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

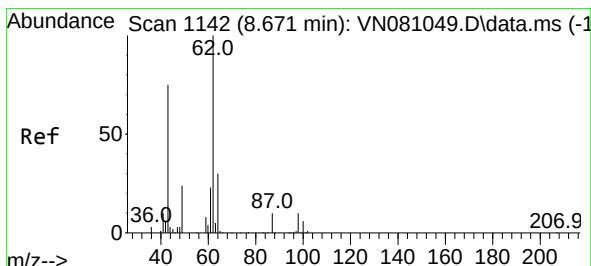
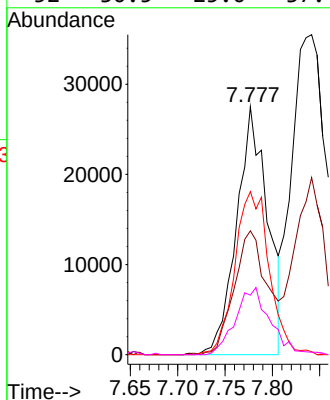
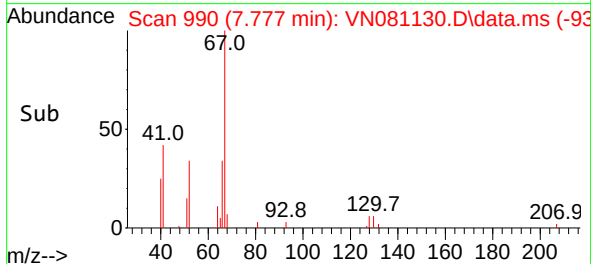
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



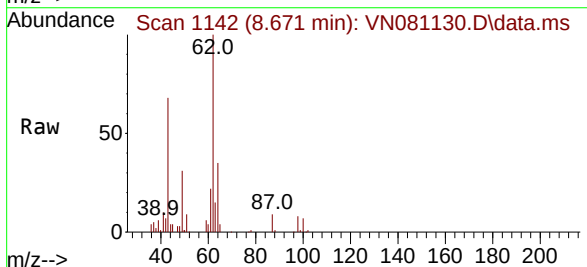
Tgt Ion: 41 Resp: 6224
Ion Ratio Lower Upper
41 100
39 53.9 48.4 72.6
67 73.7 56.8 85.2
52 30.5 25.0 37.4

Manual Integrations
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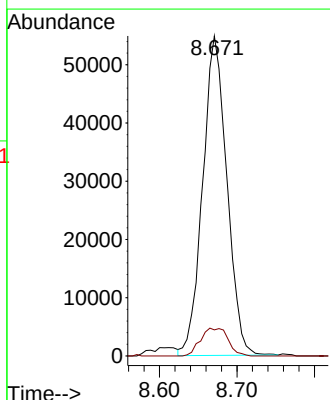
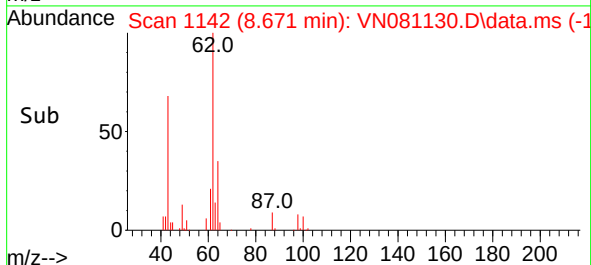
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

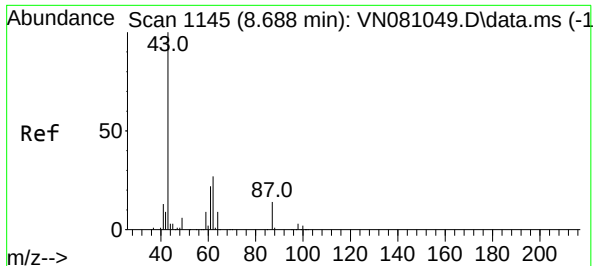


#42
1,2-Dichloroethane
Concen: 19.589 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



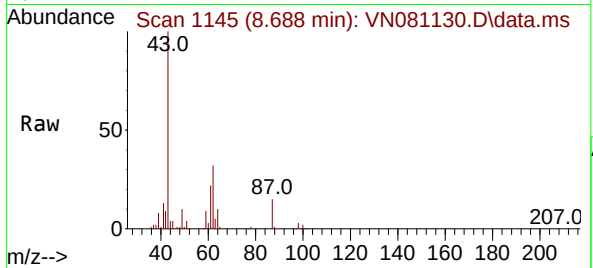
Tgt Ion: 62 Resp: 119141
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 19.538 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

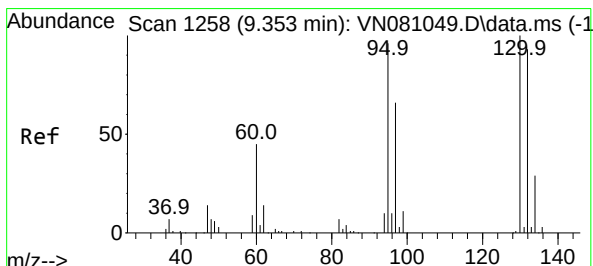
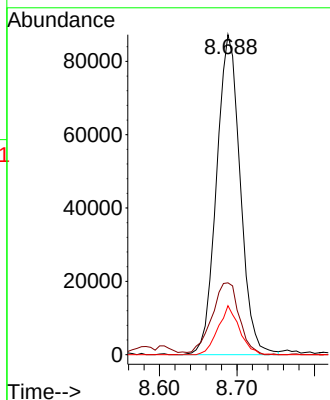
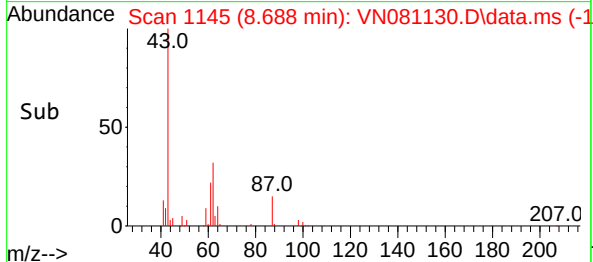
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



Tgt Ion: 43 Resp: 18573
Ion Ratio Lower Upper
43 100
61 26.0 19.9 29.9
87 13.8 9.0 13.6

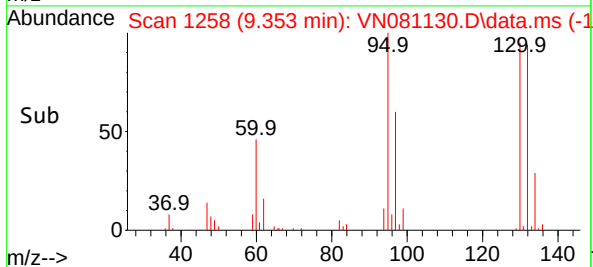
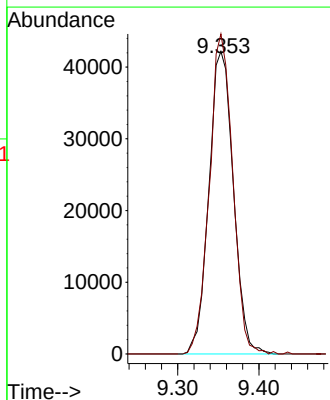
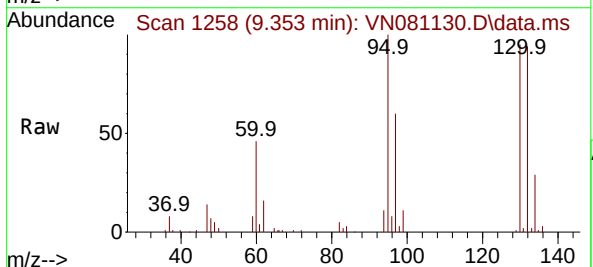
Manual Integrations
APPROVED

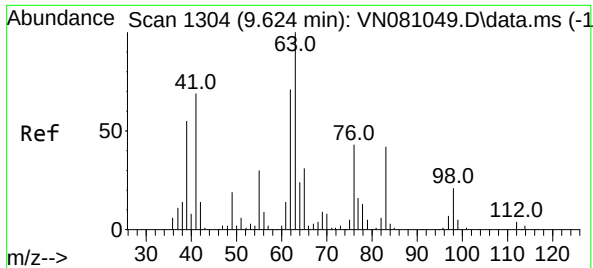
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#44
Trichloroethene
Concen: 19.024 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:130 Resp: 88330
Ion Ratio Lower Upper
130 100
95 105.8 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.142 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS02

Tgt Ion: 63 Resp: 87830

Ion Ratio Lower Upper

63 100

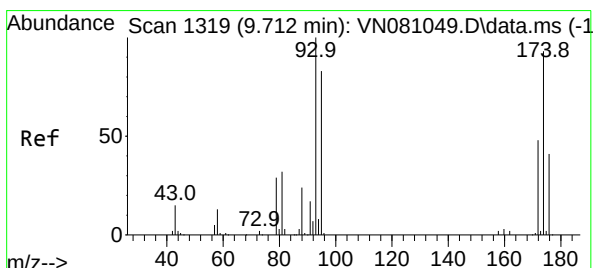
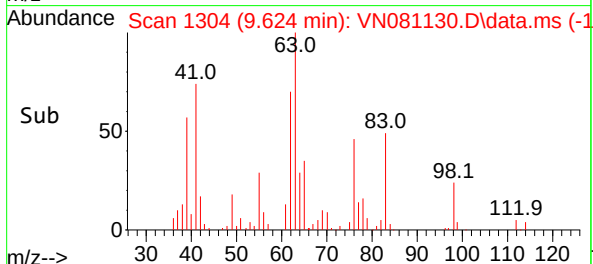
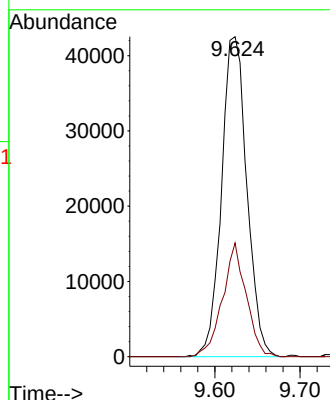
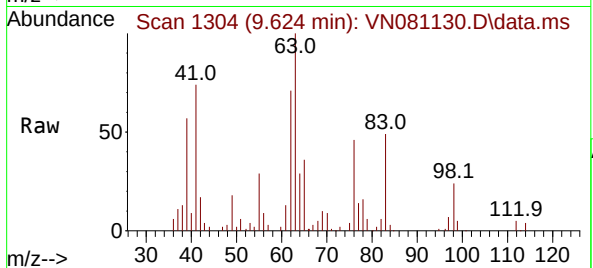
65 35.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#46

Dibromomethane

Concen: 19.330 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

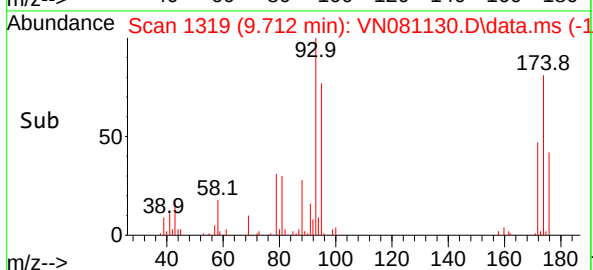
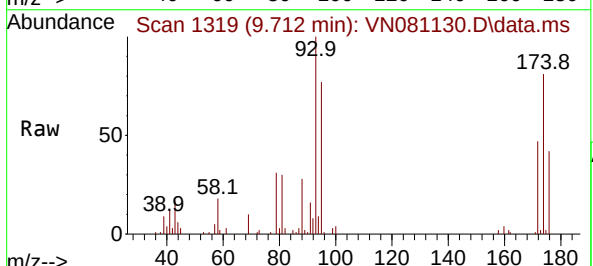
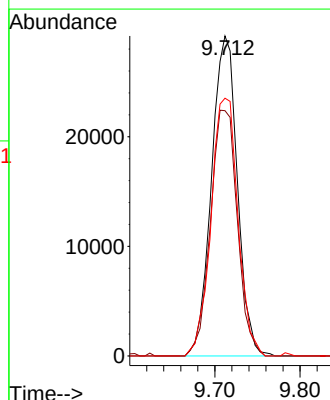
Tgt Ion: 93 Resp: 61416

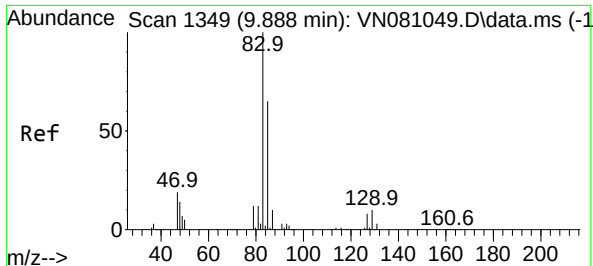
Ion Ratio Lower Upper

93 100

95 79.9 68.1 102.1

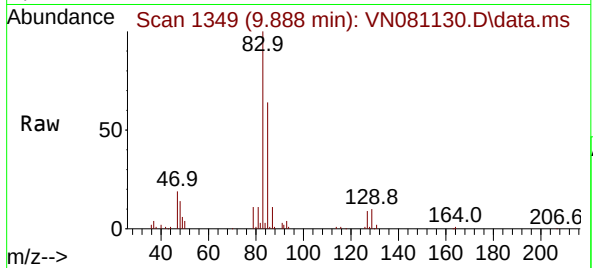
174 84.2 57.2 85.8





#47
Bromodichloromethane
Concen: 19.656 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

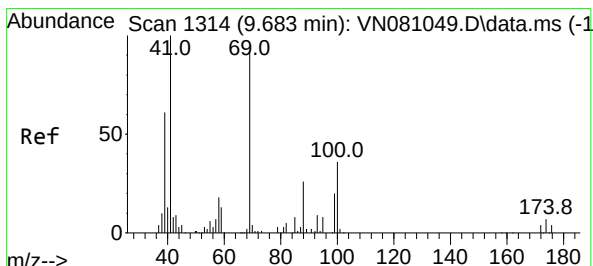
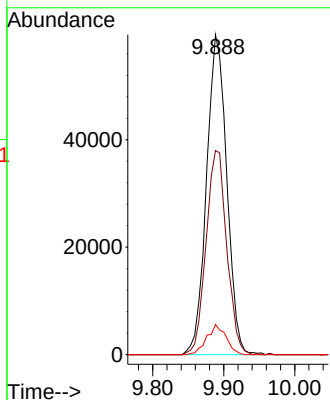
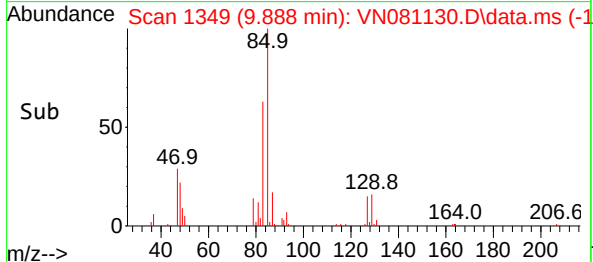
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



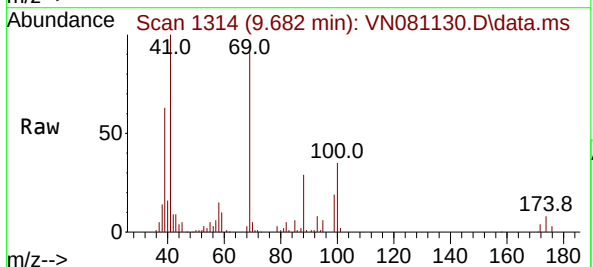
Tgt Ion: 83 Resp: 11827
Ion Ratio Lower Upper
83 100
85 63.8 52.3 78.5
127 9.5 4.6 7.0

Manual Integrations
APPROVED

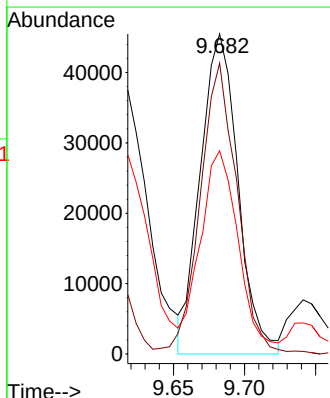
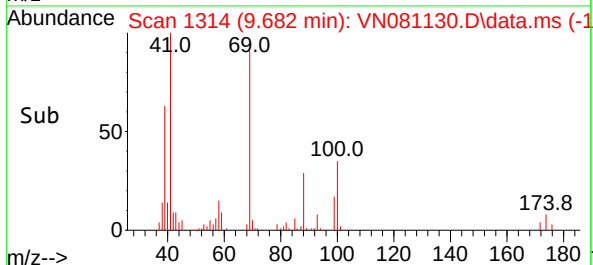
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

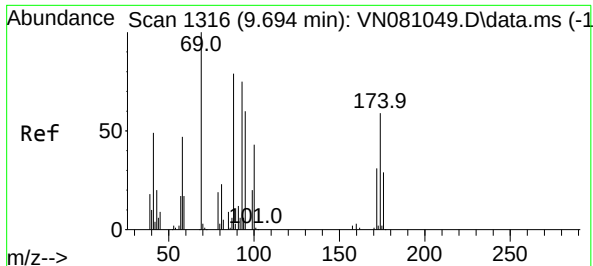


#48
Methyl methacrylate
Concen: 18.949 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



Tgt Ion: 41 Resp: 83818
Ion Ratio Lower Upper
41 100
69 89.3 62.2 93.2
39 64.9 47.6 71.4





#49

1,4-Dioxane

Concen: 407.902 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS02

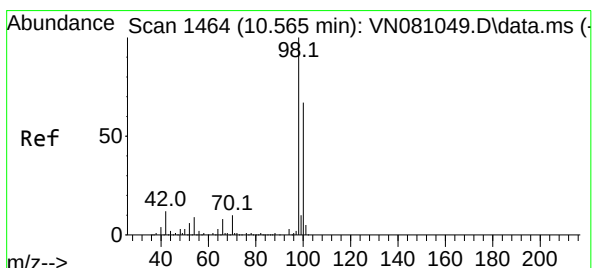
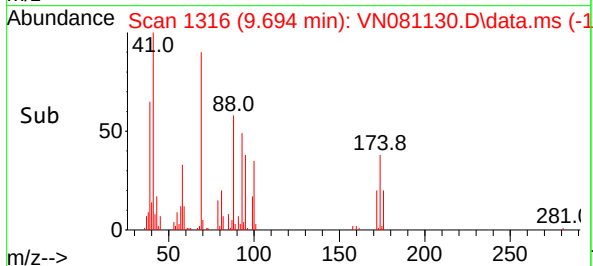
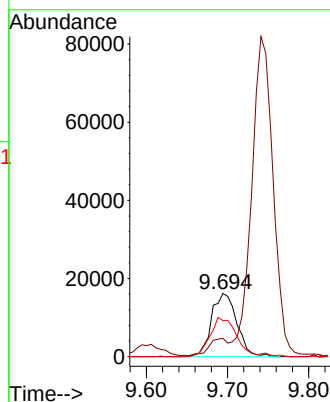
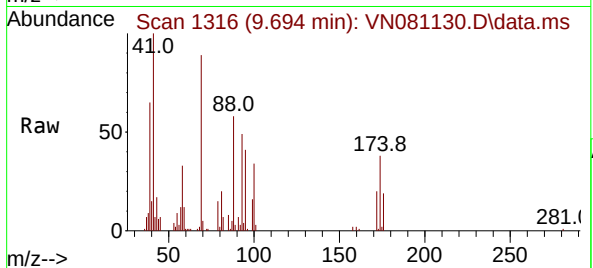
Tgt Ion: 88 Resp: 35127
 Ion Ratio Lower Upper
 88 100
 43 21.9 30.1 45.1
 58 62.9 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#50

Toluene-d8

Concen: 46.166 ug/l

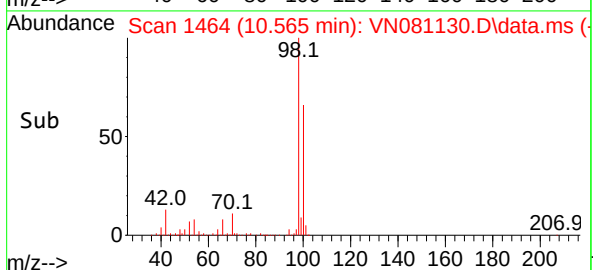
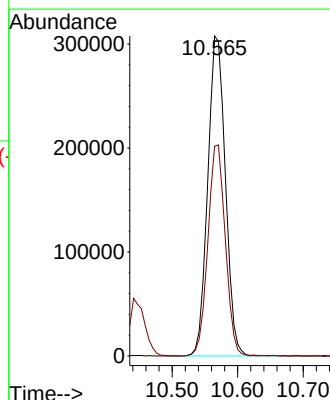
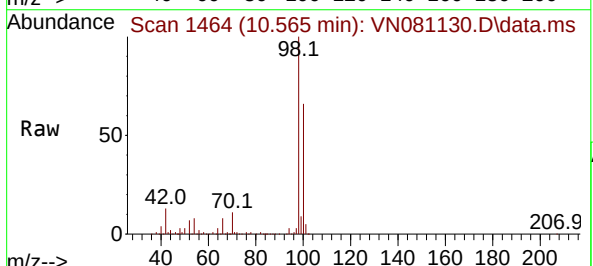
RT: 10.565 min Scan# 1464

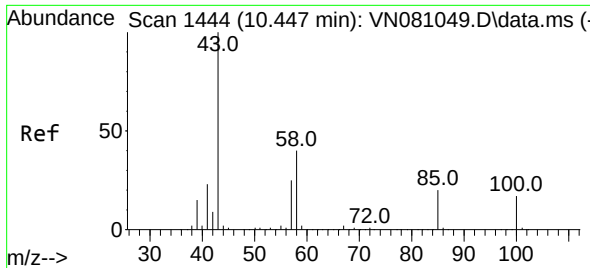
Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

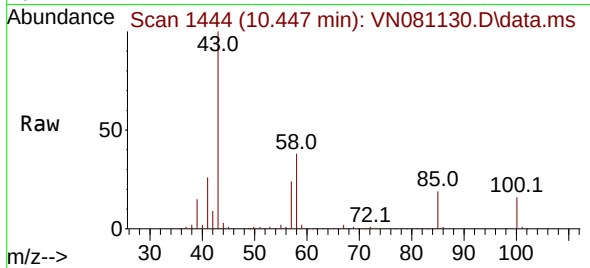
Tgt Ion: 98 Resp: 576421
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 102.433 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

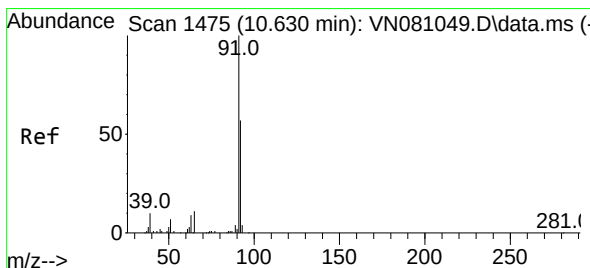
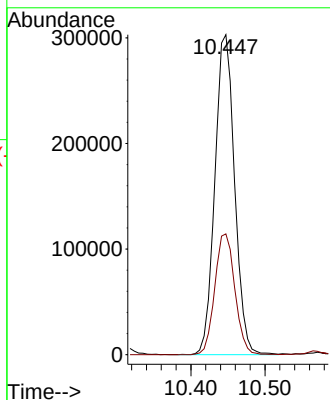
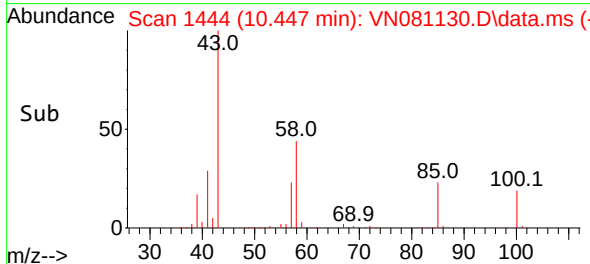
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



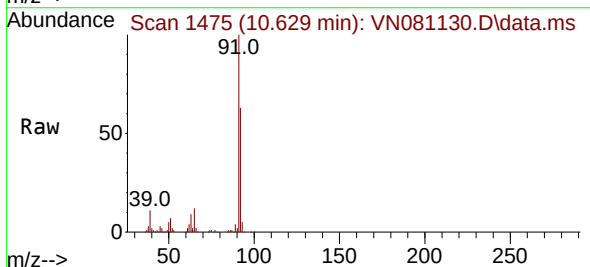
Tgt Ion: 43 Resp: 560158
Ion Ratio Lower Upper
43 100
58 38.4 29.4 44.0

Manual Integrations
APPROVED

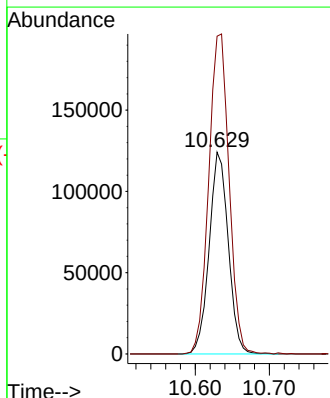
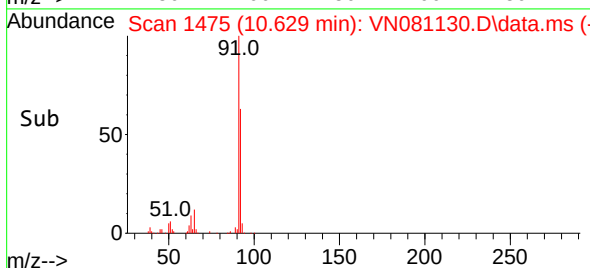
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

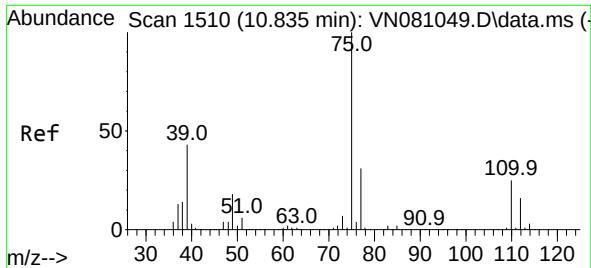


#52
Toluene
Concen: 20.110 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



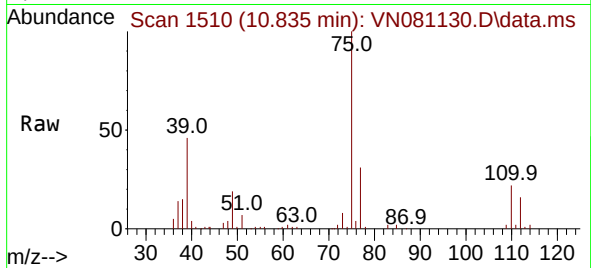
Tgt Ion: 92 Resp: 221935
Ion Ratio Lower Upper
92 100
91 168.9 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.676 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

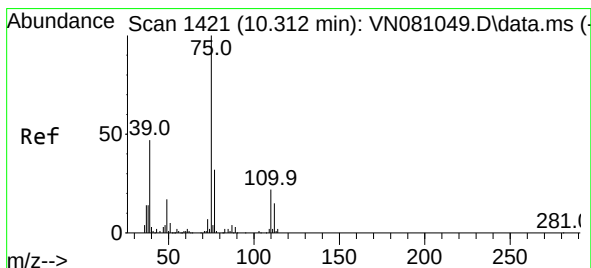
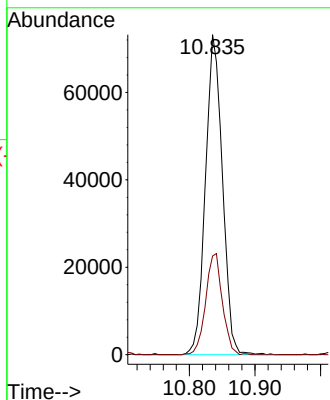
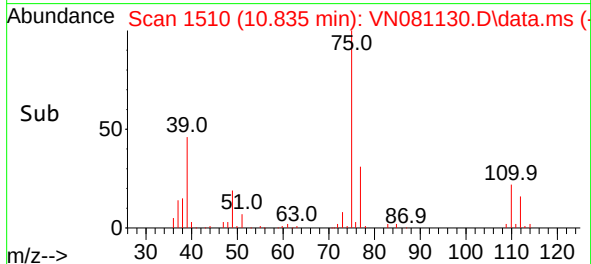
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



Tgt Ion: 75 Resp: 13157
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3

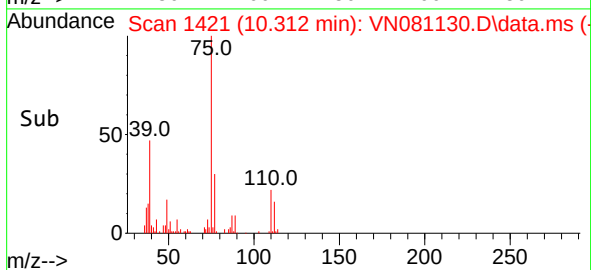
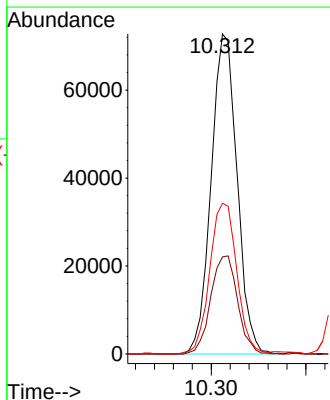
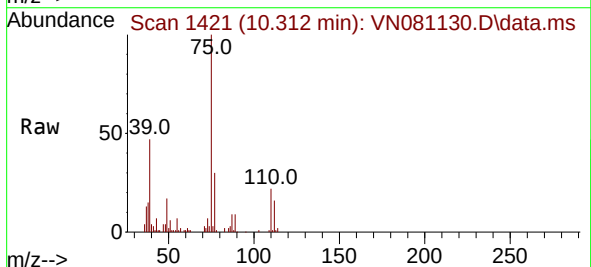
Manual Integrations
APPROVED

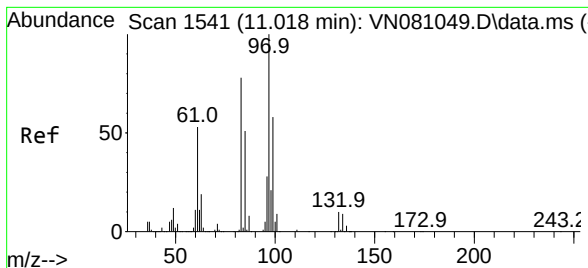
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#54
cis-1,3-Dichloropropene
Concen: 19.138 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

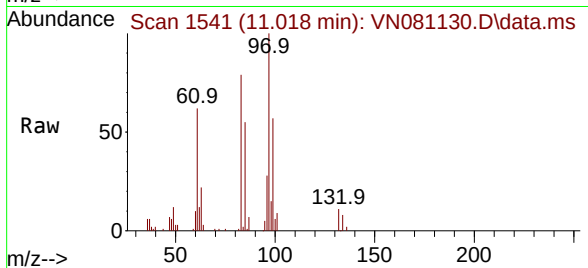
Tgt Ion: 75 Resp: 138268
Ion Ratio Lower Upper
75 100
77 30.3 23.3 34.9
39 46.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.307 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

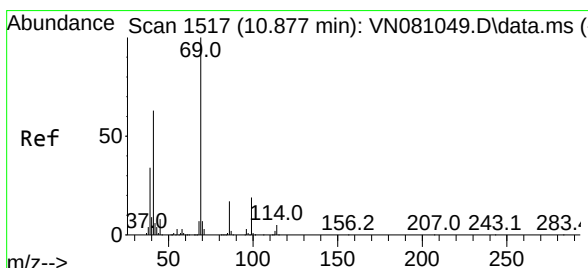
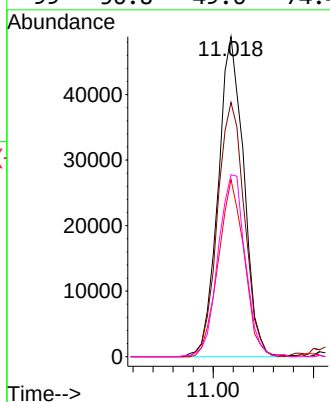
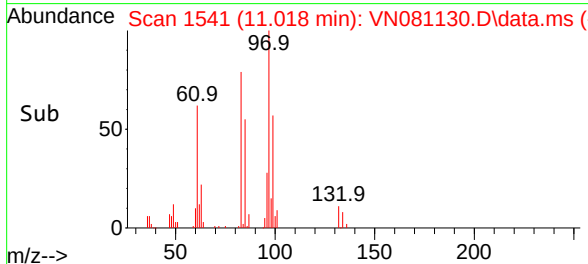
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



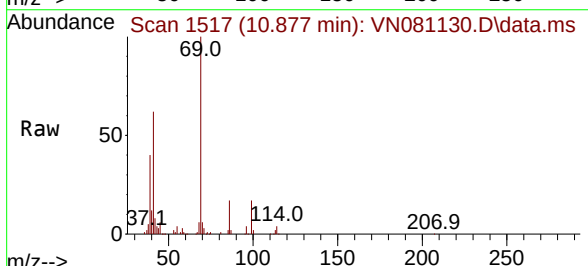
Tgt Ion: 97 Resp: 86190
Ion Ratio Lower Upper
97 100
83 79.5 72.9 109.3
85 55.4 50.2 75.2
99 56.8 49.6 74.4

Manual Integrations
APPROVED

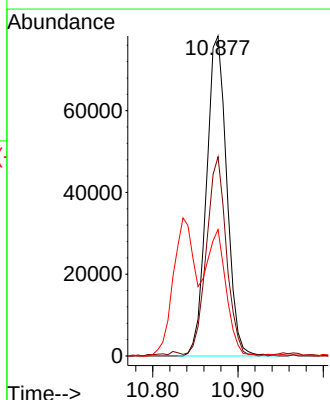
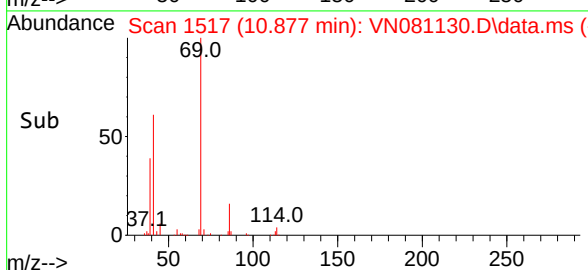
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

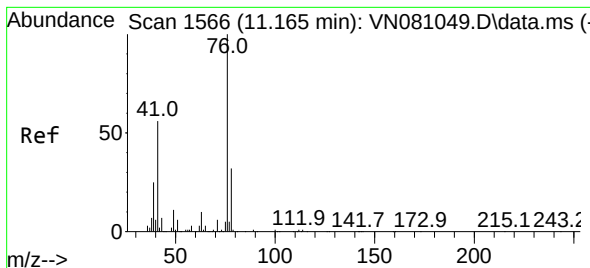


#56
Ethyl methacrylate
Concen: 19.934 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



Tgt Ion: 69 Resp: 129318
Ion Ratio Lower Upper
69 100
41 61.9 61.0 91.6
39 35.1 31.8 47.6





#57

1,3-Dichloropropane

Concen: 19.397 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS02

Tgt Ion: 76 Resp: 14236

Ion Ratio Lower Upper

76 100

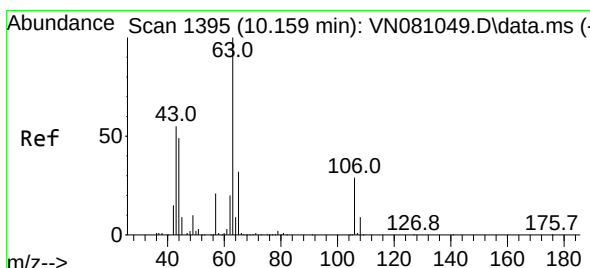
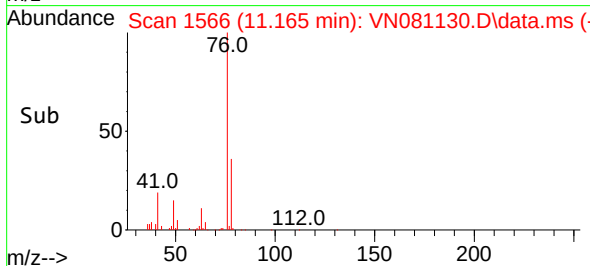
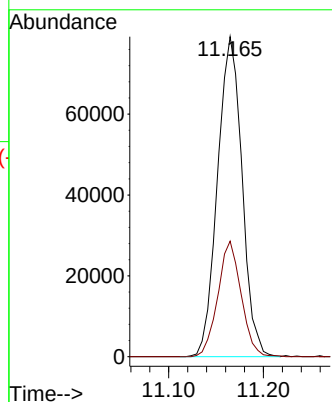
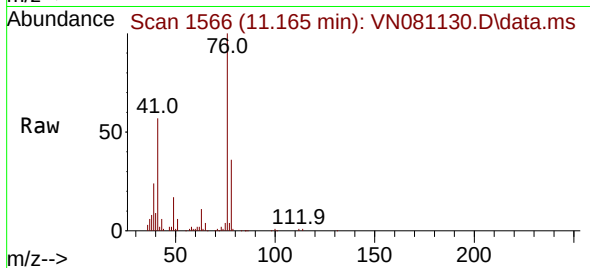
78 34.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 87.922 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081130.D

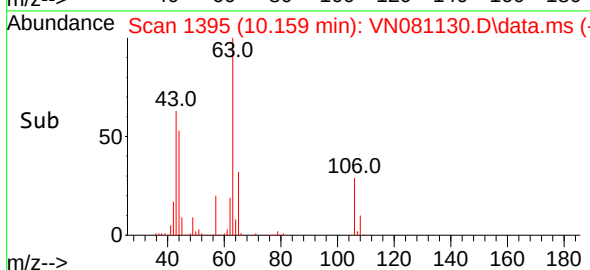
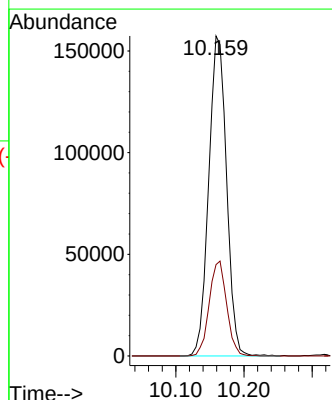
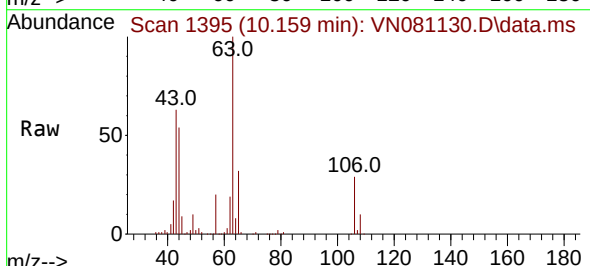
Acq: 22 Feb 2024 13:12

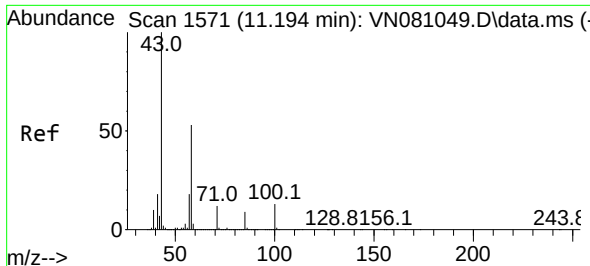
Tgt Ion: 63 Resp: 286179

Ion Ratio Lower Upper

63 100

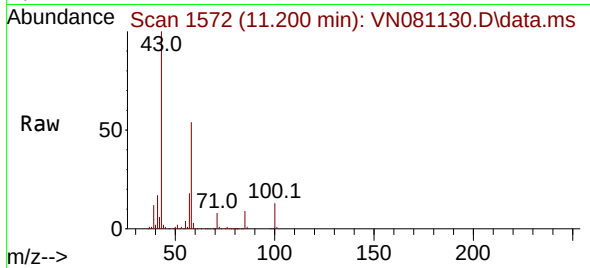
106 29.0 18.6 28.0#





#59
2-Hexanone
Concen: 93.397 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

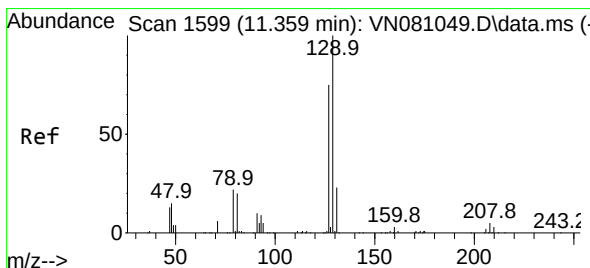
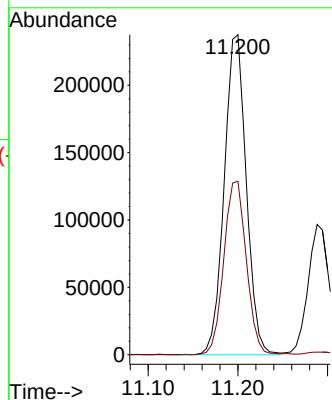
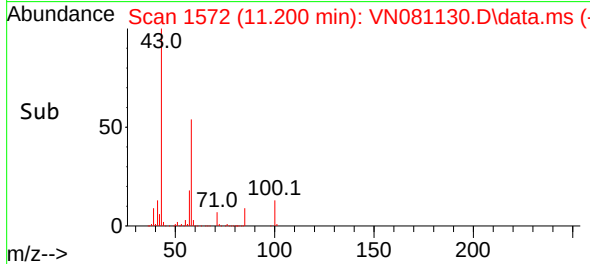
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



Tgt Ion: 43 Resp: 404920
Ion Ratio Lower Upper
43 100
58 55.5 25.9 77.8

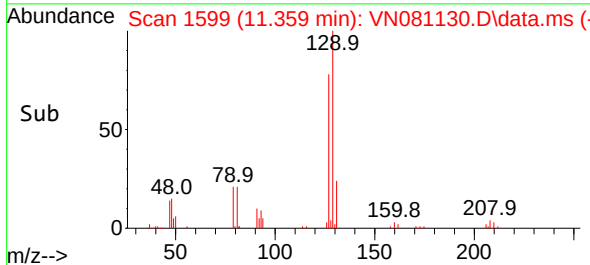
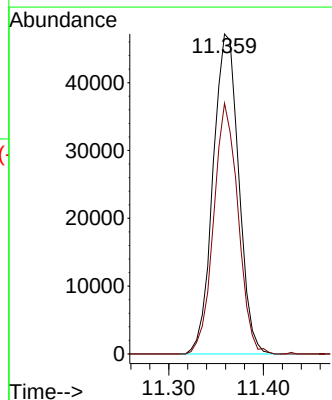
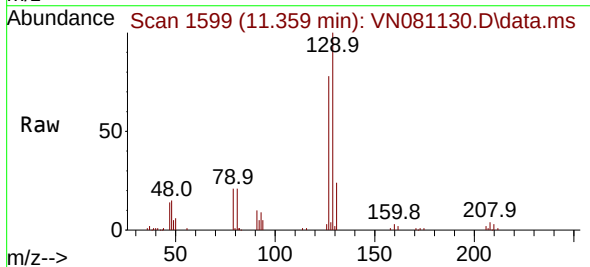
Manual Integrations
APPROVED

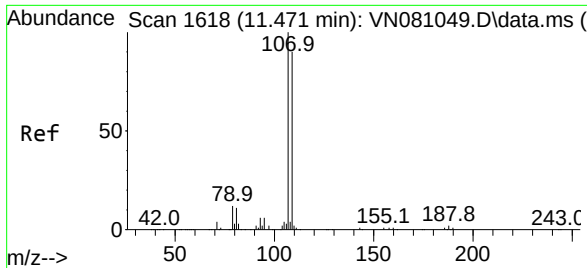
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#60
Dibromochloromethane
Concen: 19.723 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

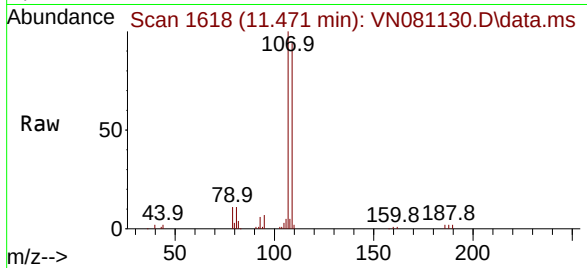
Tgt Ion:129 Resp: 88938
Ion Ratio Lower Upper
129 100
127 74.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 20.134 ug/l
RT: 11.471 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

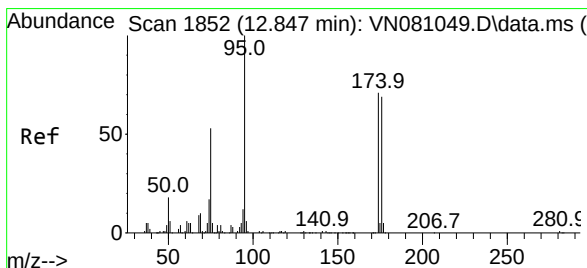
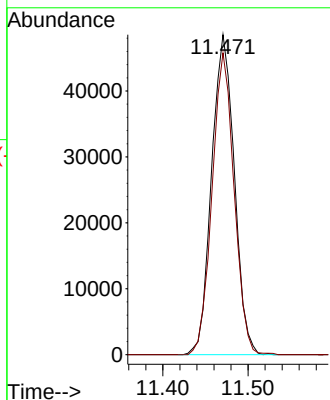
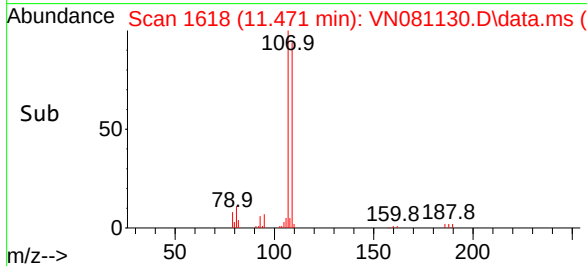
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



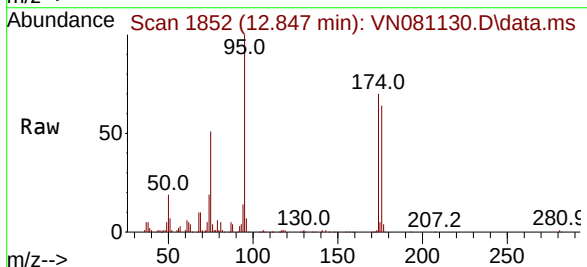
Tgt Ion:107 Resp: 89868
Ion Ratio Lower Upper
107 100
109 91.5 73.4 110.2

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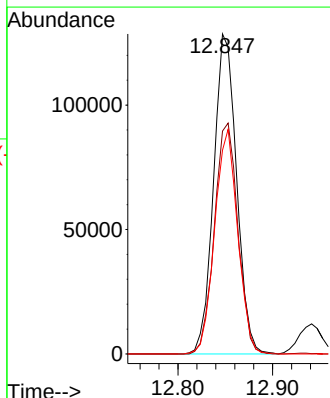
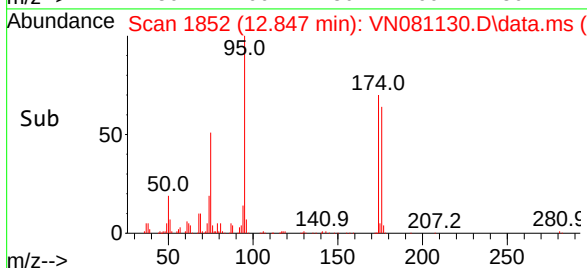
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

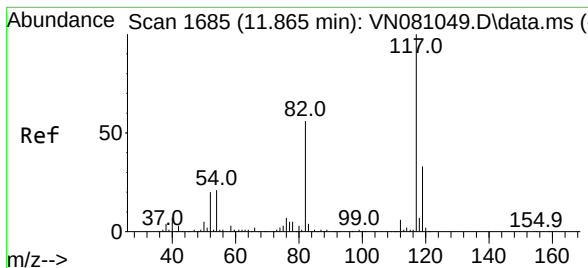


#62
4-Bromofluorobenzene
Concen: 46.216 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



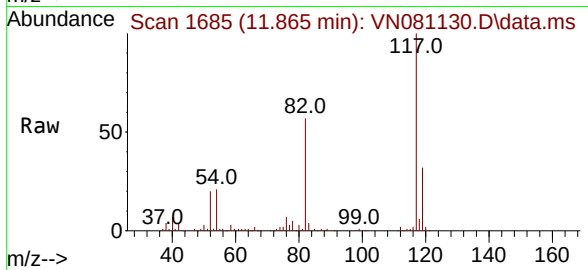
Tgt Ion: 95 Resp: 216827
Ion Ratio Lower Upper
95 100
174 74.1 0.0 120.4
176 70.3 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

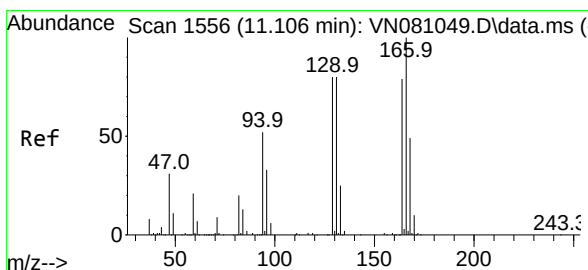
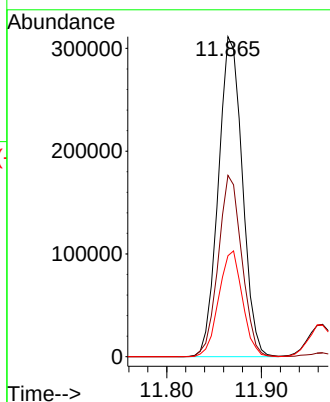
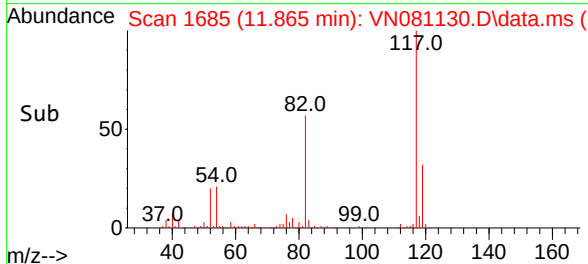
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



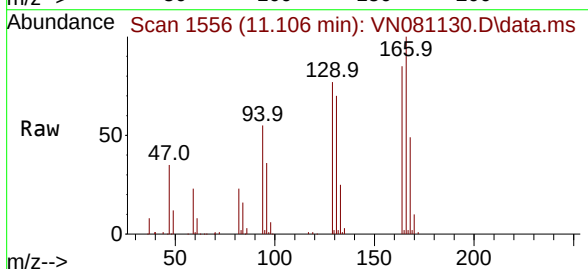
Tgt Ion:117 Resp: 54954
Ion Ratio Lower Upper
117 100
82 56.7 52.7 79.1
119 31.6 25.3 37.9

Manual Integrations
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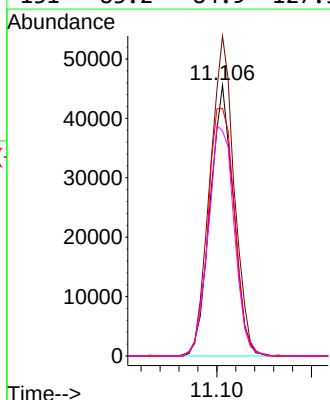
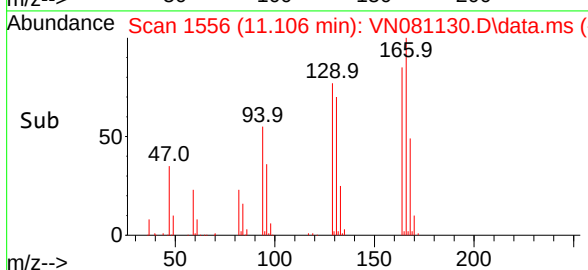
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

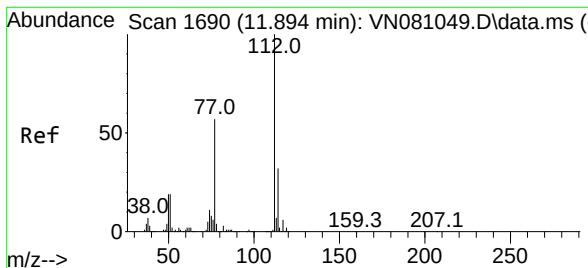


#64
Tetrachloroethene
Concen: 20.889 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



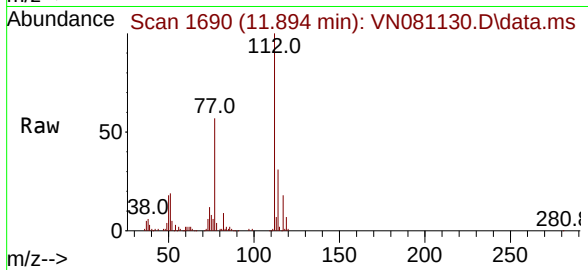
Tgt Ion:164 Resp: 78346
Ion Ratio Lower Upper
164 100
166 118.3 105.8 158.6
129 91.6 89.6 134.4
131 83.2 84.9 127.3#





#65
Chlorobenzene
Concen: 19.576 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

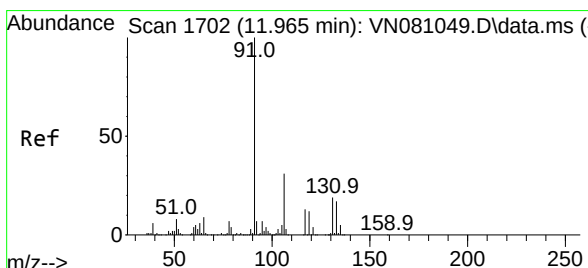
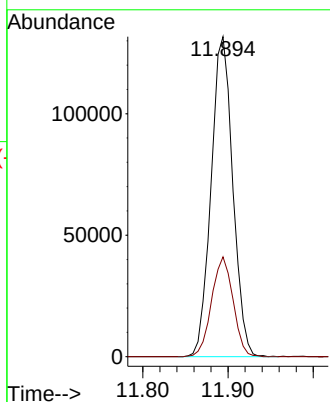
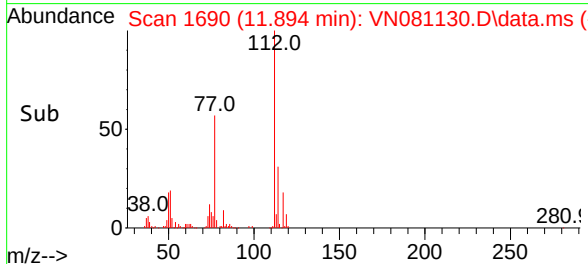
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



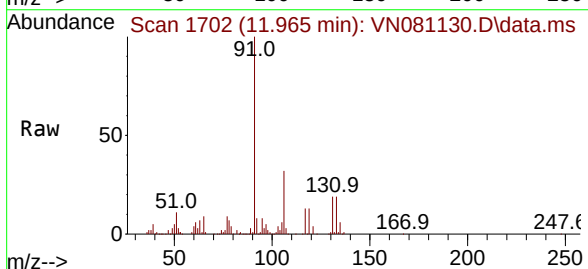
Tgt Ion:112 Resp: 232820
Ion Ratio Lower Upper
112 100
114 31.2 23.7 35.5

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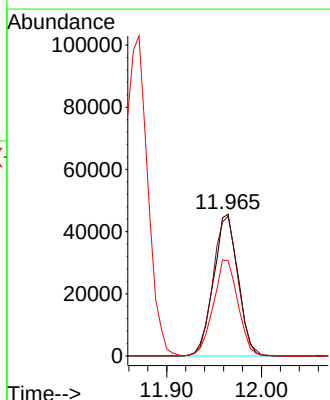
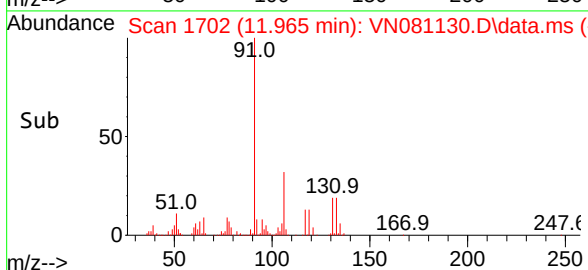
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

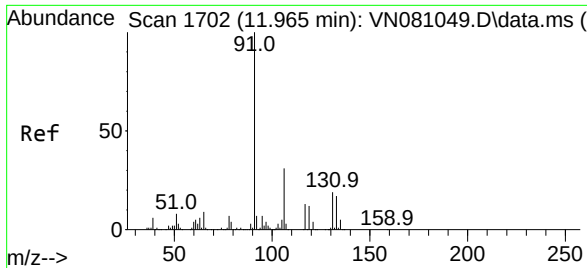


#66
1,1,1,2-Tetrachloroethane
Concen: 19.147 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



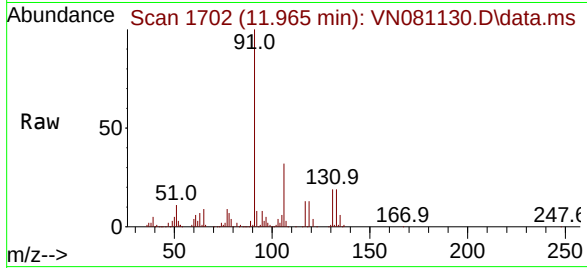
Tgt Ion:131 Resp: 81795
Ion Ratio Lower Upper
131 100
133 100.4 46.8 140.3
119 68.2 34.6 103.9





#67
Ethyl Benzene
Concen: 19.200 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

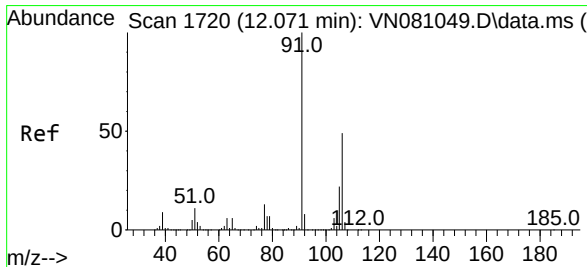
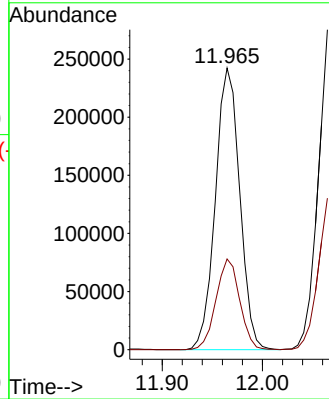
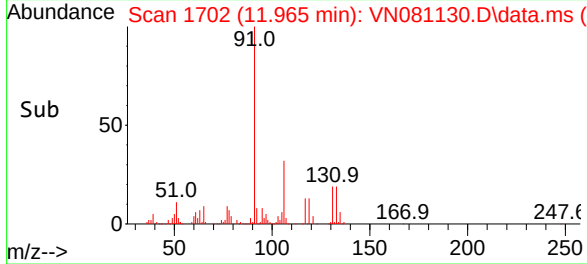
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



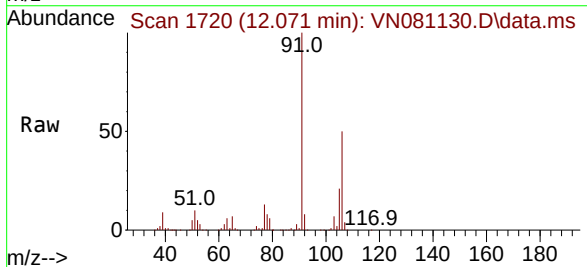
Tgt Ion: 91 Resp: 40863
Ion Ratio Lower Upper
91 100
106 32.2 23.8 35.6

Manual Integrations
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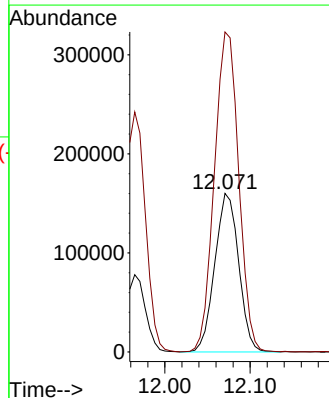
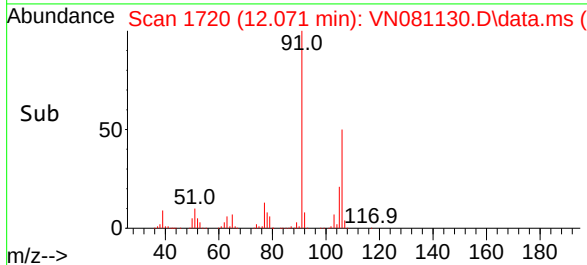
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

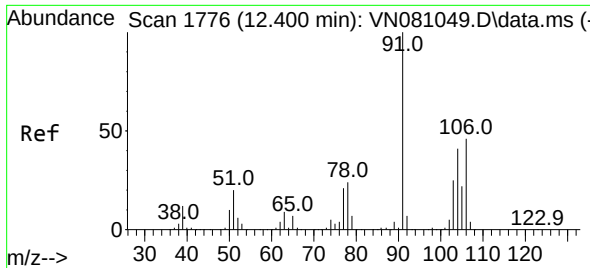


#68
m/p-Xylenes
Concen: 38.197 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



Tgt Ion:106 Resp: 311602
Ion Ratio Lower Upper
106 100
91 205.5 169.0 253.6





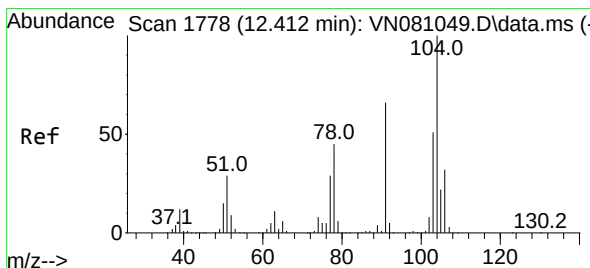
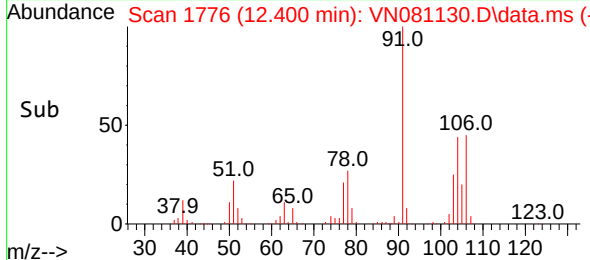
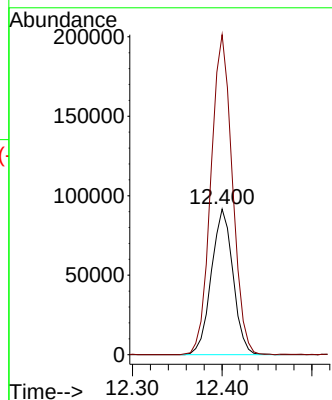
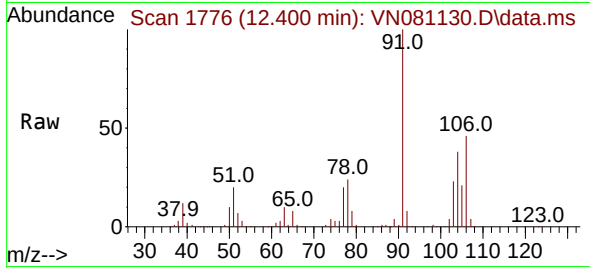
#69
o-Xylene
Concen: 18.951 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02

Tgt Ion:106 Resp: 153245
Ion Ratio Lower Upper
106 100
91 218.1 112.1 336.3

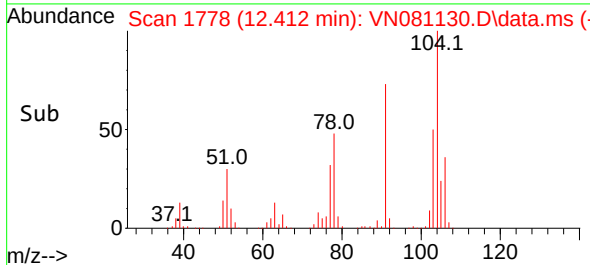
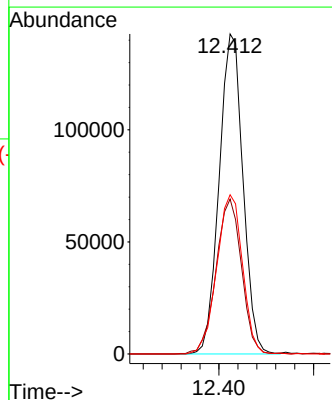
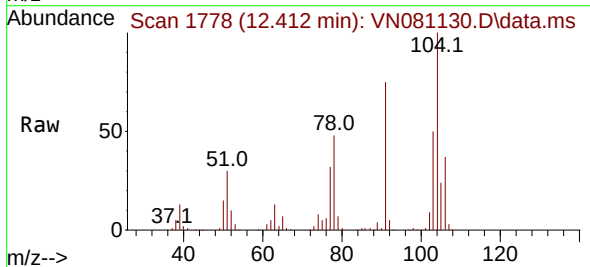
Manual Integrations
APPROVED

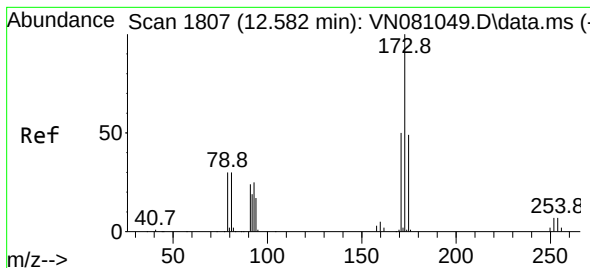
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#70
Styrene
Concen: 19.479 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:104 Resp: 249600
Ion Ratio Lower Upper
104 100
78 51.7 43.8 65.8
103 53.8 44.2 66.2





#71

Bromoform

Concen: 20.012 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS02

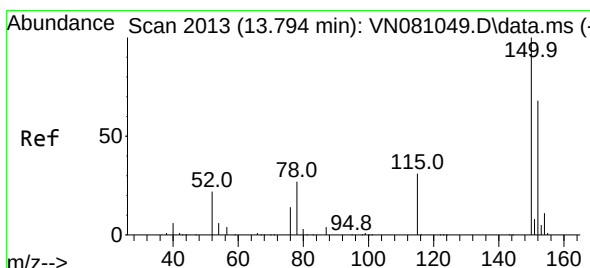
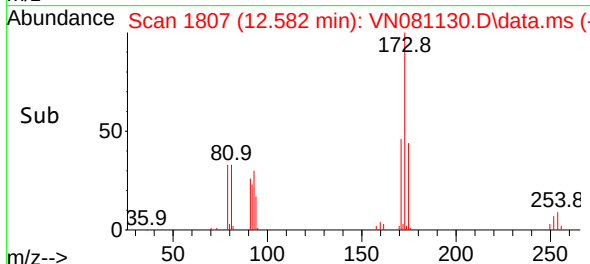
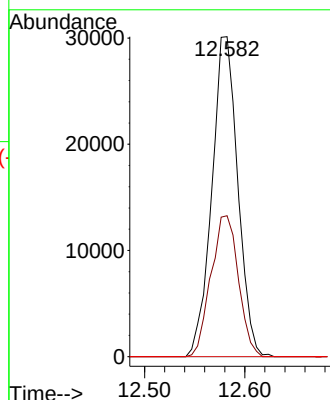
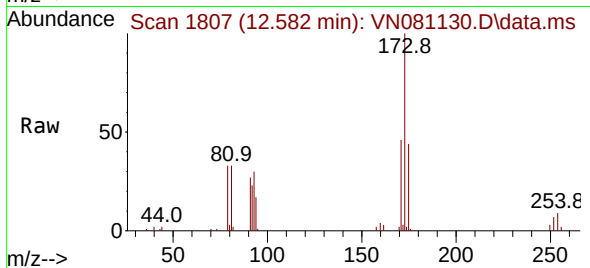
Tgt Ion:173	Resp:	54239
Ion Ratio	Lower	Upper
173	100	
175	46.6	23.1 69.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

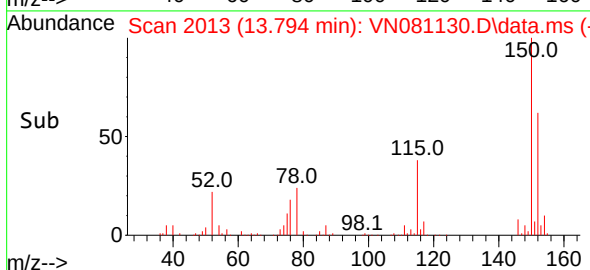
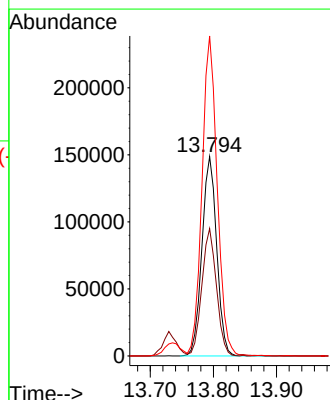
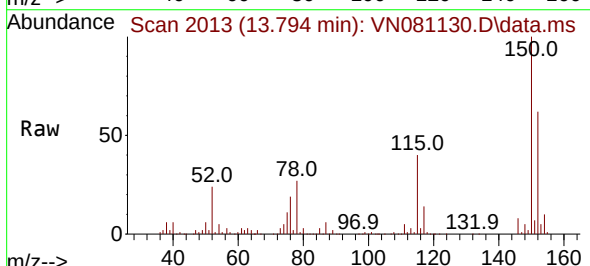
RT: 13.794 min Scan# 2013

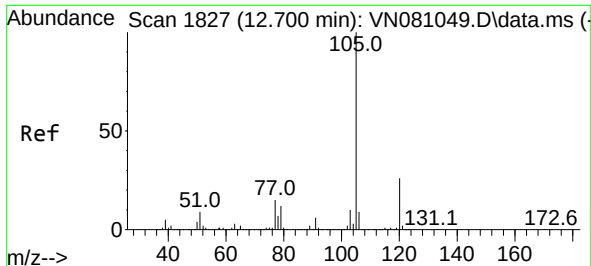
Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

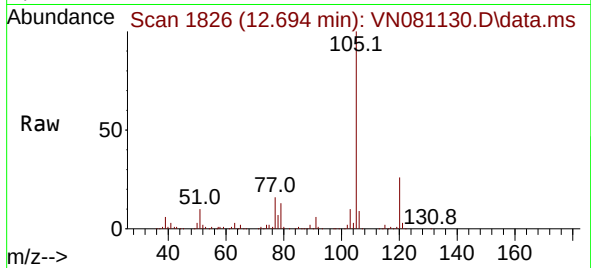
Tgt Ion:152	Resp:	242685
Ion Ratio	Lower	Upper
152	100	
115	62.7	32.3 96.8
150	164.5	0.0 339.8





#73
Isopropylbenzene
Concen: 18.949 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

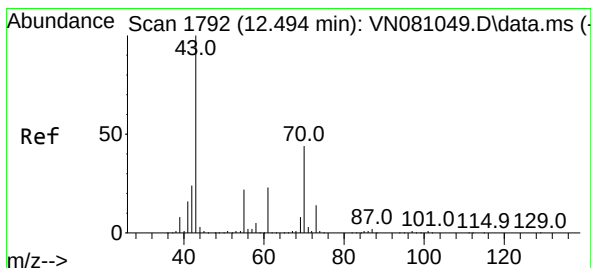
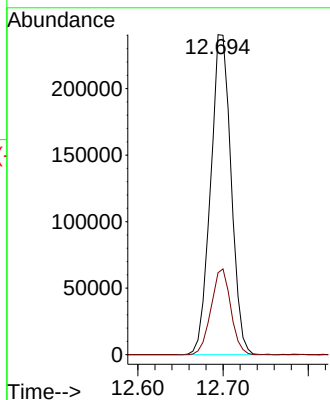
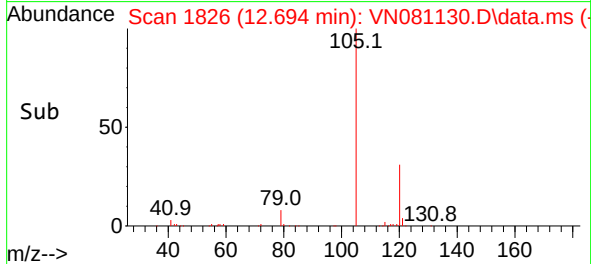
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



Tgt Ion:105 Resp: 402359
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.6

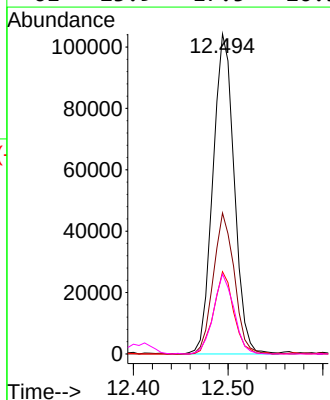
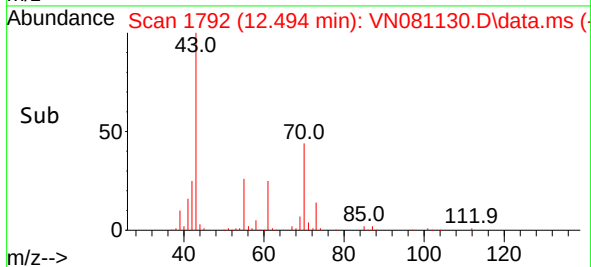
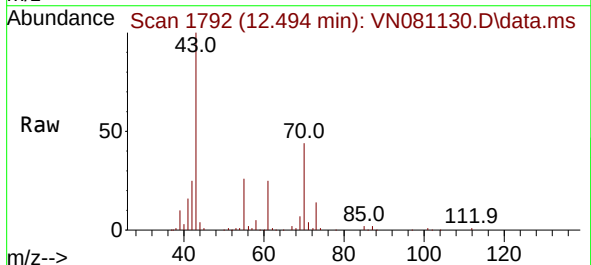
Manual Integrations
APPROVED

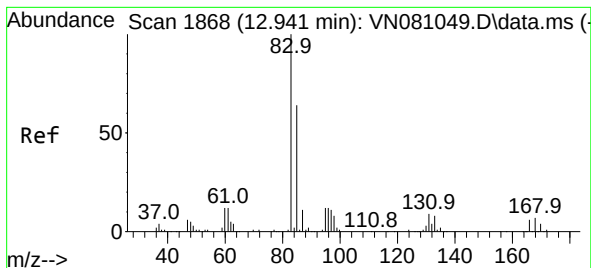
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#74
N-ethyl acetate
Concen: 18.195 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

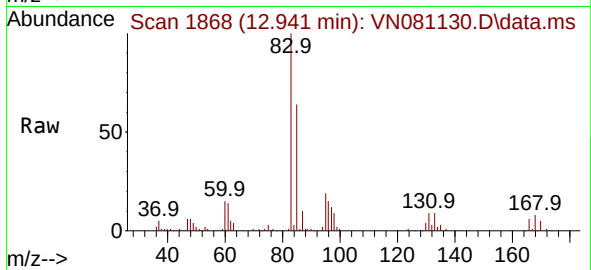
Tgt Ion: 43 Resp: 163281
Ion Ratio Lower Upper
43 100
70 43.4 30.1 45.1
55 24.2 17.0 25.4
61 23.9 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.397 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

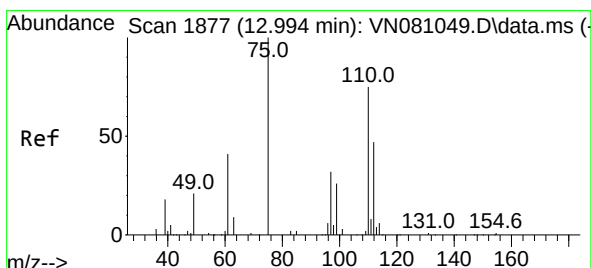
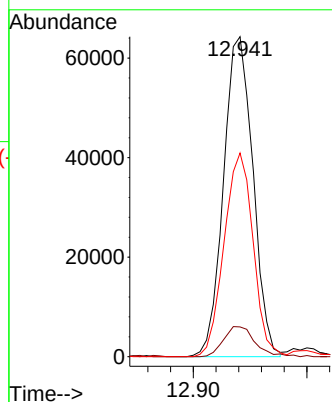
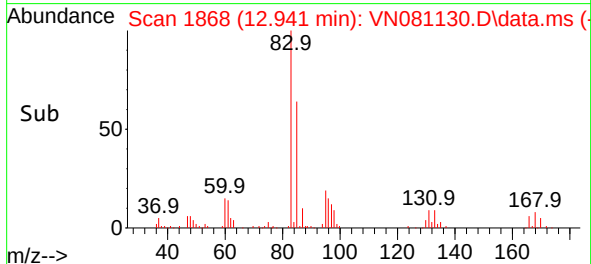
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



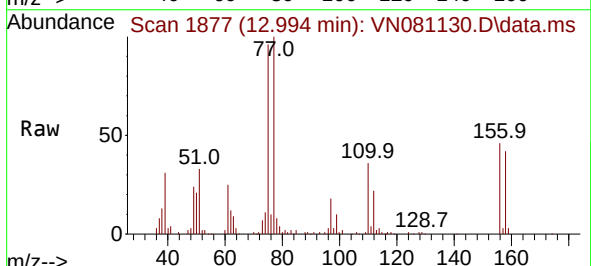
Tgt Ion: 83 Resp: 11581
Ion Ratio Lower Upper
83 100
131 10.1 4.1 12.3
85 62.7 32.1 96.3

Manual Integrations
APPROVED

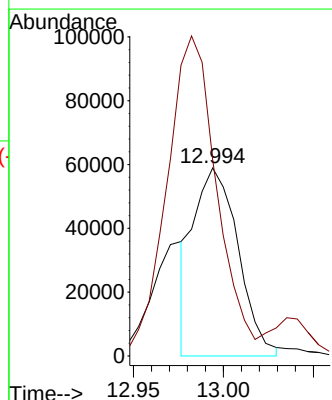
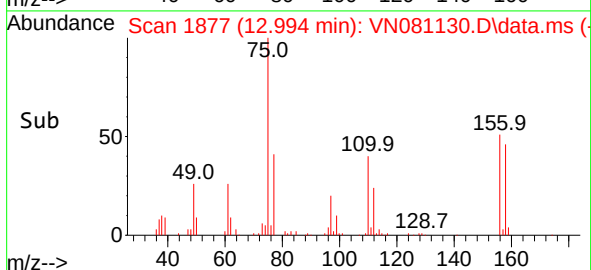
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

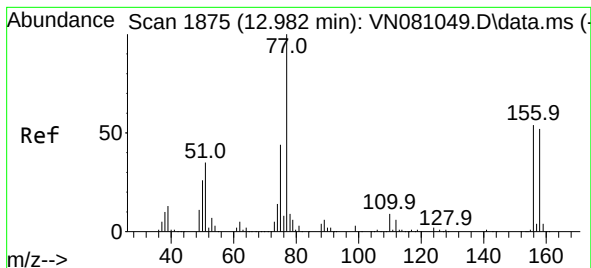


#76
1,2,3-Trichloropropane
Concen: 18.301 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



Tgt Ion: 75 Resp: 100913
Ion Ratio Lower Upper
75 100
77 192.0 91.0 272.8





#77

Bromobenzene

Concen: 18.222 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS02

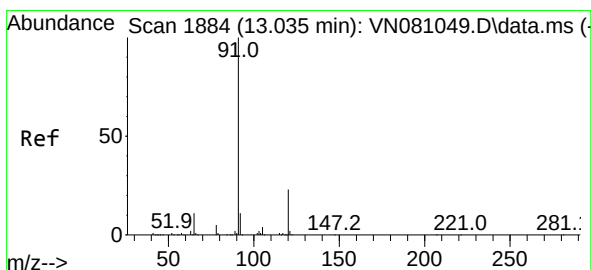
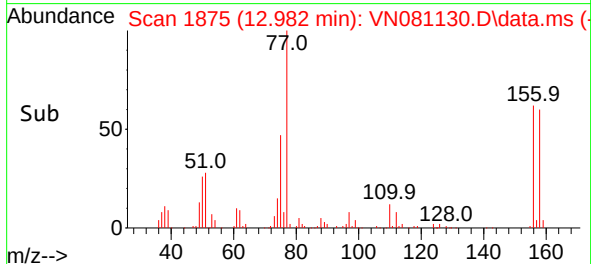
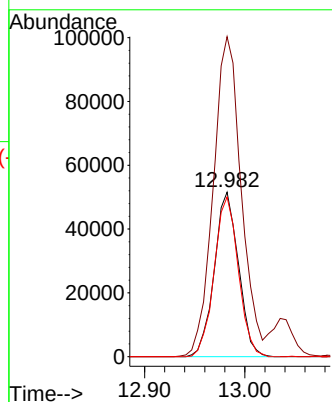
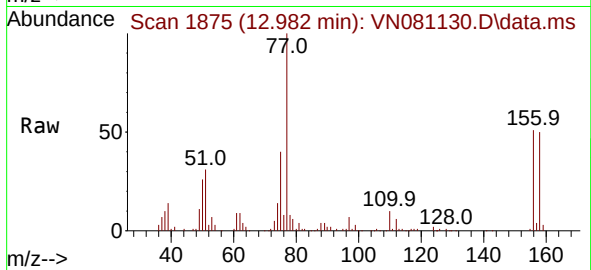
Tgt Ion:	156	Resp:	86270
Ion Ratio	Lower	Upper	
156	100		
77	224.6	138.1	414.3
158	96.7	46.5	139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#78

n-propylbenzene

Concen: 19.274 ug/l

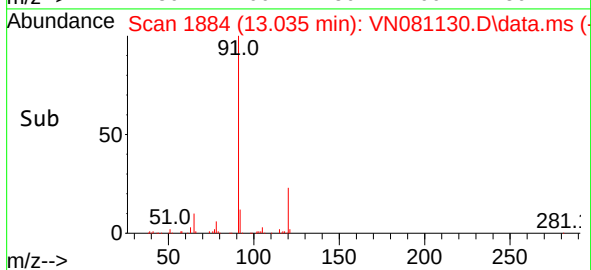
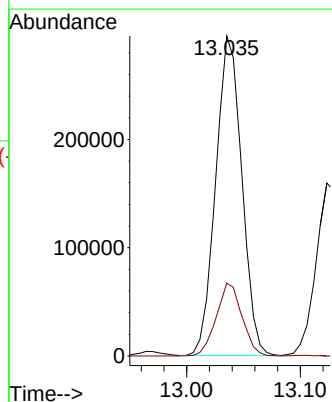
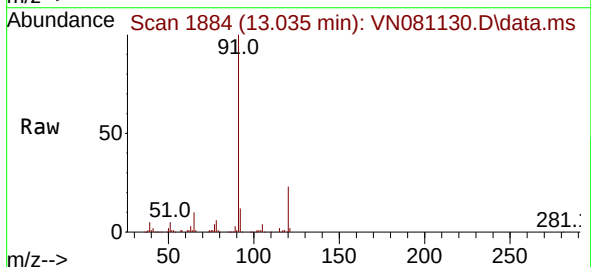
RT: 13.035 min Scan# 1884

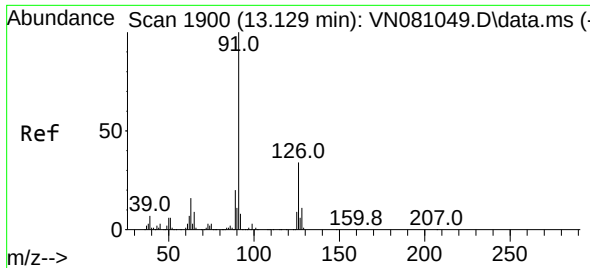
Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

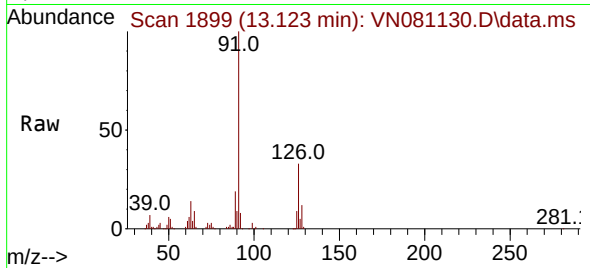
Tgt Ion:	91	Resp:	471122
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.3	30.9





#79
2-Chlorotoluene
Concen: 18.524 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

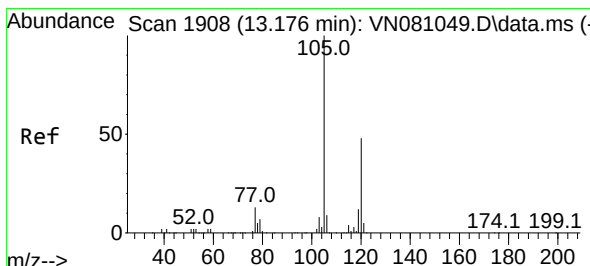
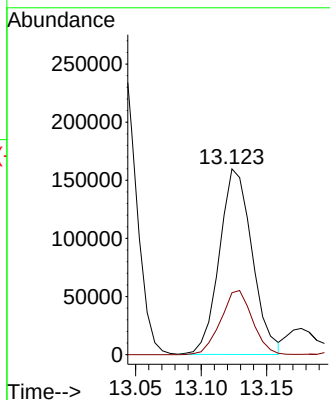
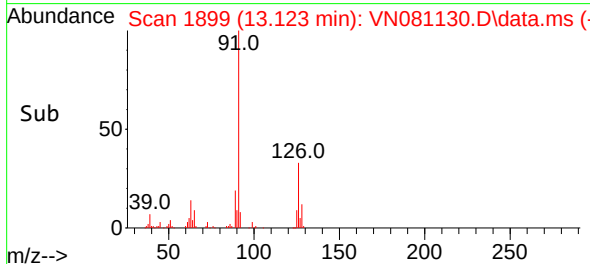
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



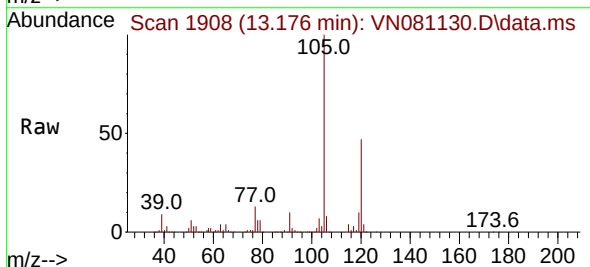
Tgt Ion: 91 Resp: 277734
Ion Ratio Lower Upper
91 100
126 33.5 14.8 44.4

Manual Integrations
APPROVED

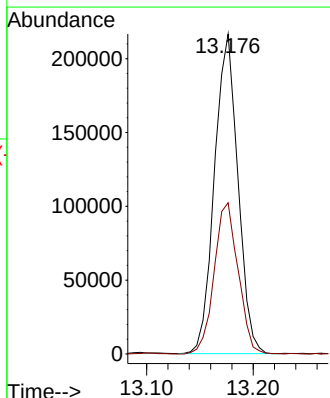
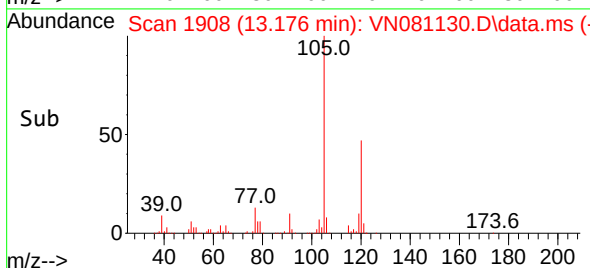
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

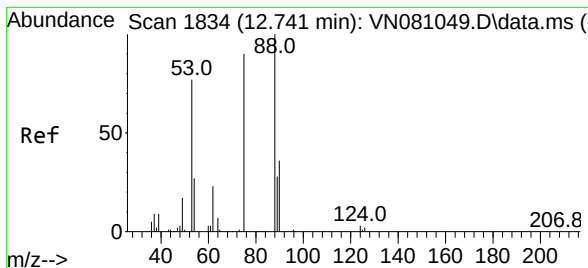


#80
1,3,5-Trimethylbenzene
Concen: 19.201 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



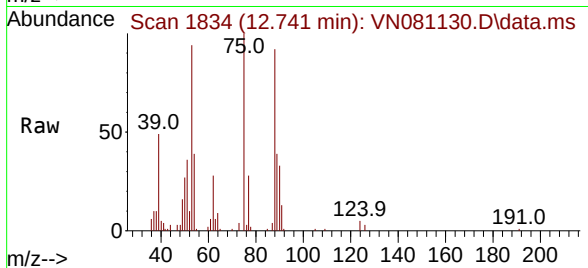
Tgt Ion:105 Resp: 330560
Ion Ratio Lower Upper
105 100
120 48.3 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.557 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

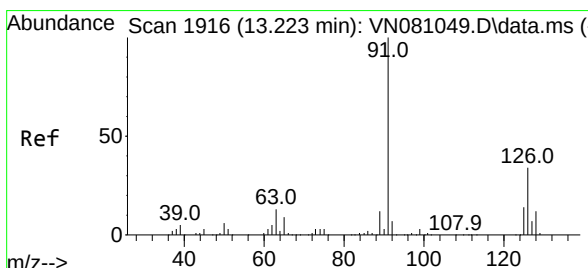
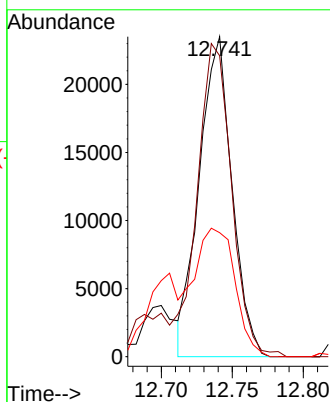
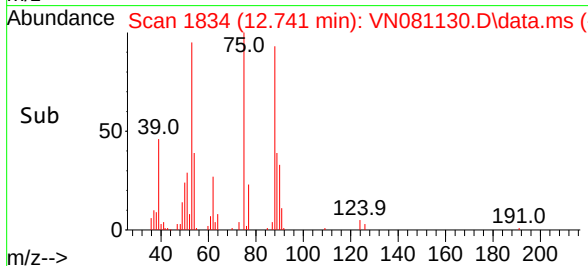
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



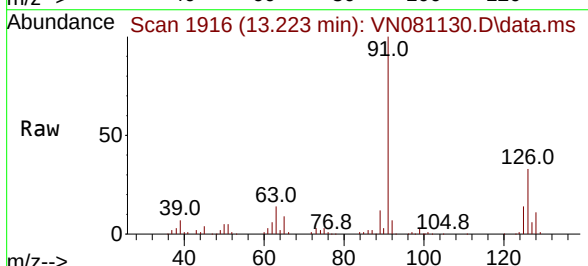
Tgt Ion: 75 Resp: 3761
Ion Ratio Lower Upper
75 100
53 103.3 71.4 107.2
89 51.2 33.4 50.0

Manual Integrations
APPROVED

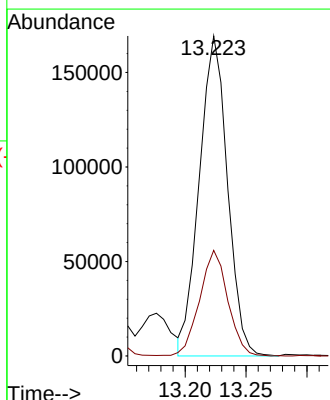
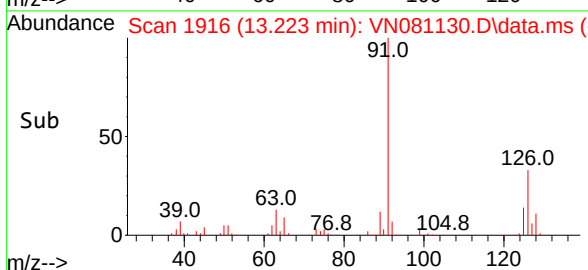
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

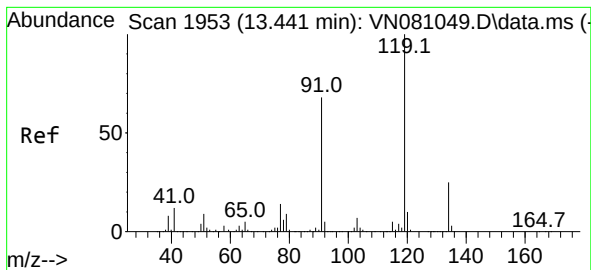


#82
4-Chlorotoluene
Concen: 18.589 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



Tgt Ion: 91 Resp: 272510
Ion Ratio Lower Upper
91 100
126 33.1 15.3 45.9





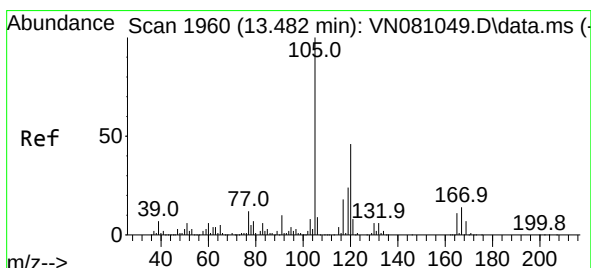
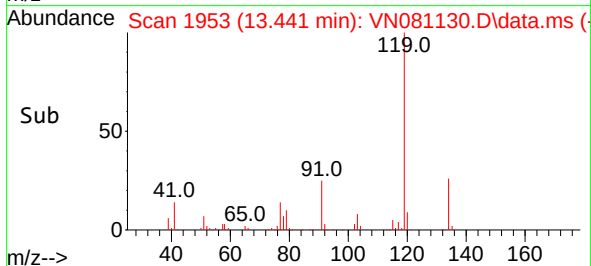
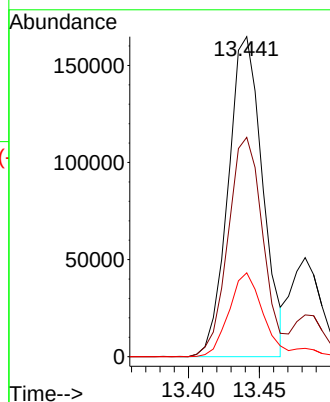
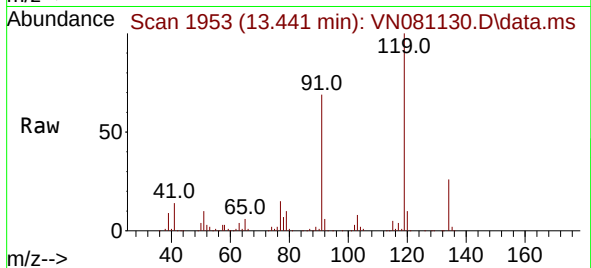
#83
tert-Butylbenzene
Concen: 18.694 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02

Tgt Ion:119 Resp: 27828
Ion Ratio Lower Upper
119 100
91 70.3 36.8 110.4
134 27.5 12.4 37.4

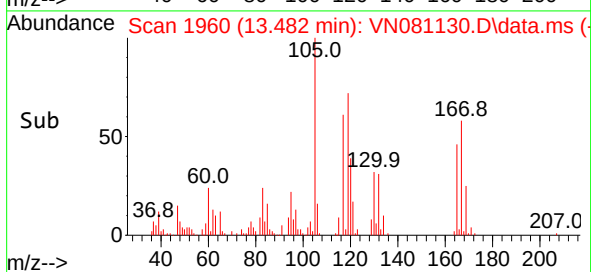
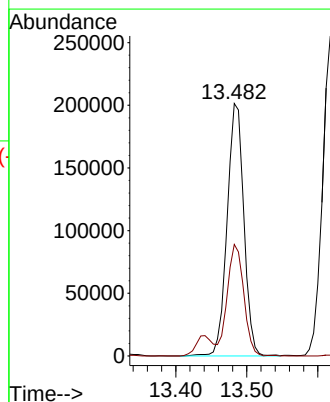
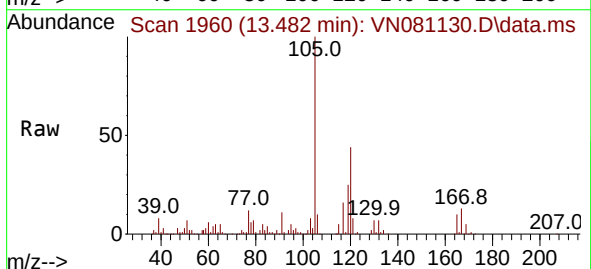
Manual Integrations
APPROVED

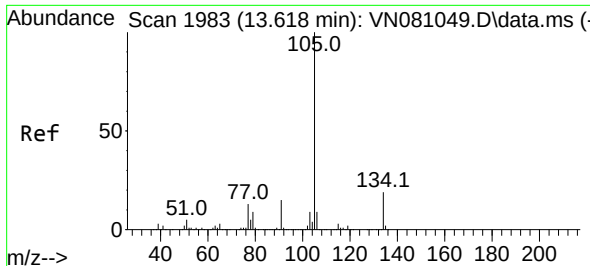
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.212 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:105 Resp: 329584
Ion Ratio Lower Upper
105 100
120 43.2 20.9 62.7





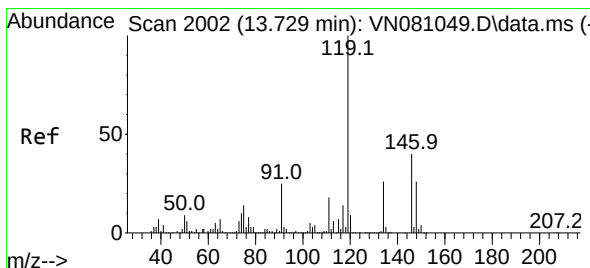
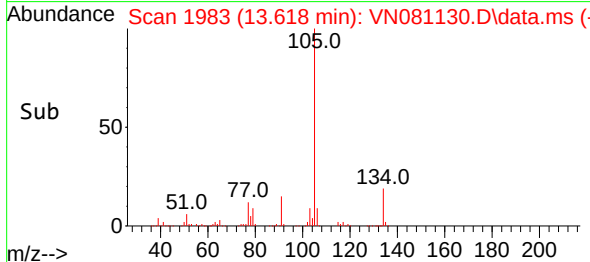
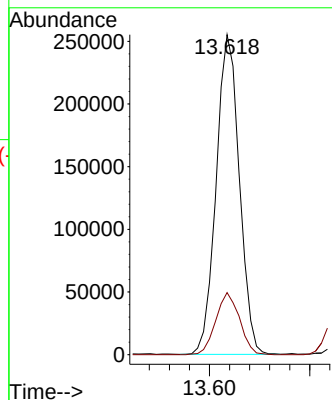
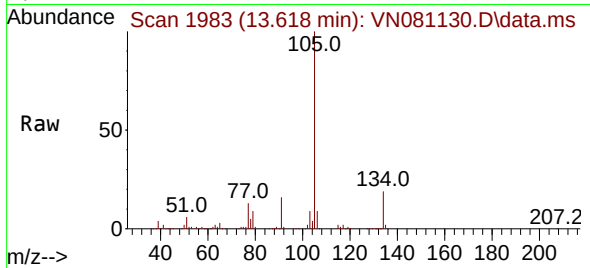
#85
 sec-Butylbenzene
 Concen: 19.770 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS02

Tgt Ion:105 Resp: 409132
 Ion Ratio Lower Upper
 105 100
 134 19.9 8.6 25.8

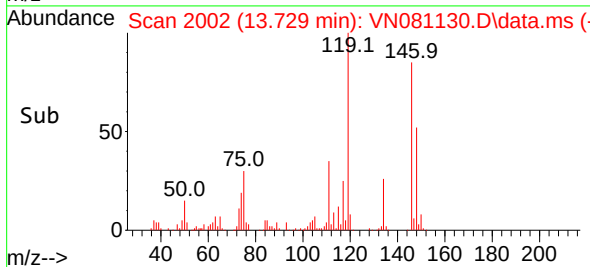
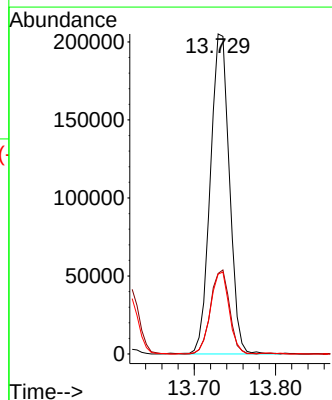
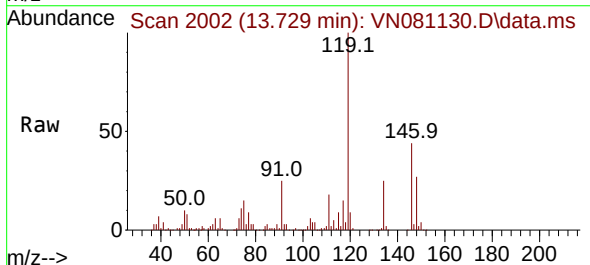
Manual Integrations
 APPROVED

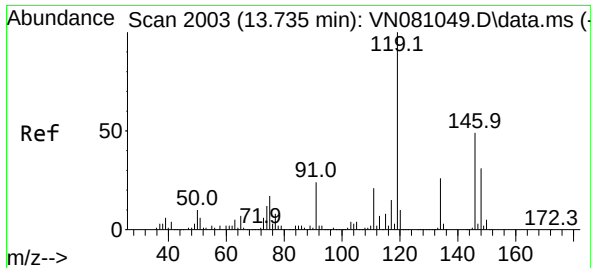
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#86
 p-Isopropyltoluene
 Concen: 19.444 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

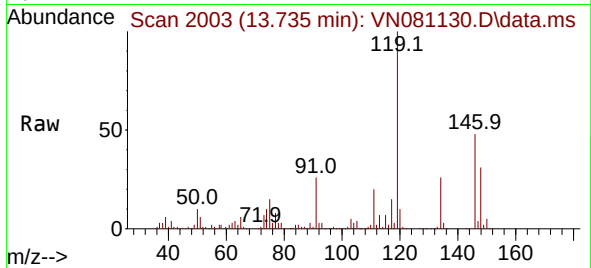
Tgt Ion:119 Resp: 334228
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.4 37.2
 91 25.1 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 18.583 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

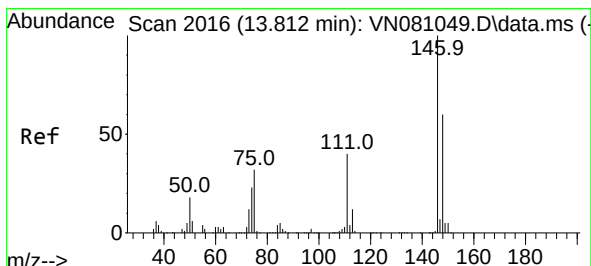
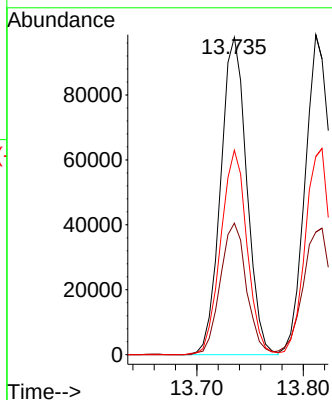
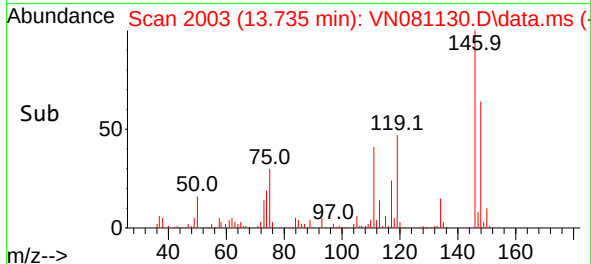
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02



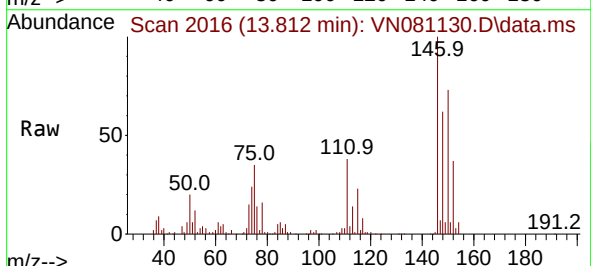
Tgt Ion:146 Resp: 166230
Ion Ratio Lower Upper
146 100
111 41.6 23.9 71.7
148 64.7 32.6 97.7

Manual Integrations
APPROVED

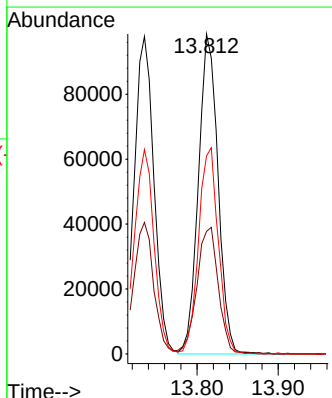
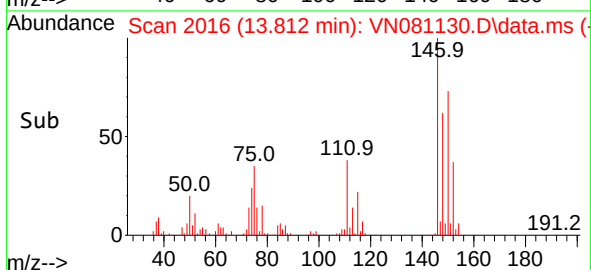
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

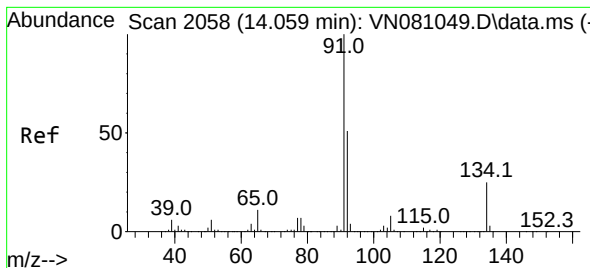


#88
1,4-Dichlorobenzene
Concen: 18.825 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



Tgt Ion:146 Resp: 165469
Ion Ratio Lower Upper
146 100
111 43.7 22.6 67.7
148 65.0 31.9 95.5





#89

n-Butylbenzene

Concen: 19.231 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081130.D

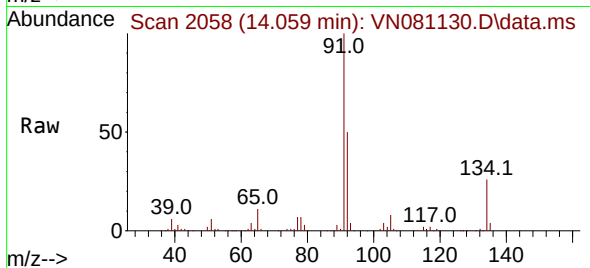
Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS02



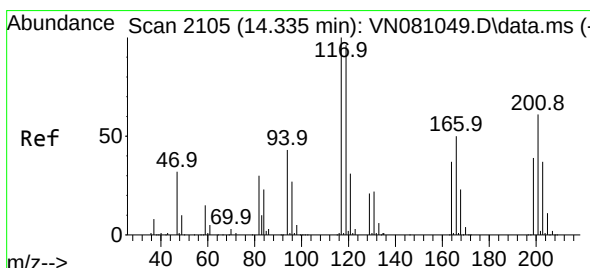
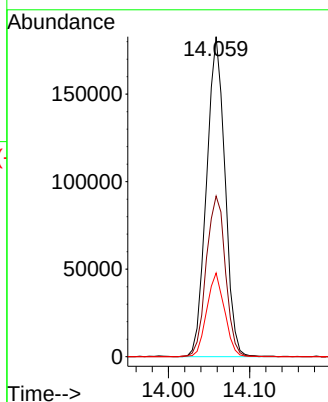
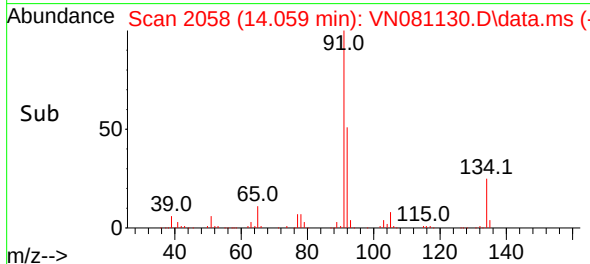
Tgt Ion:	91	Resp:	28799
Ion Ratio	Lower	Upper	
91	100		
92	52.2	26.7	80.1
134	25.3	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#90

Hexachloroethane

Concen: 19.139 ug/l

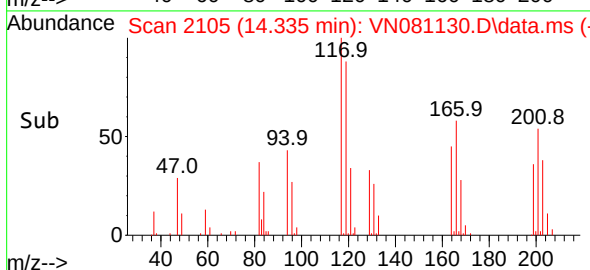
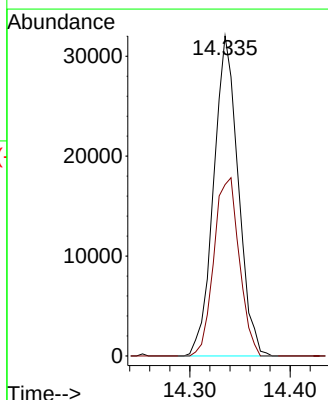
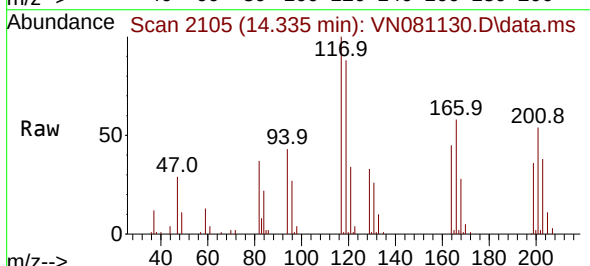
RT: 14.335 min Scan# 2105

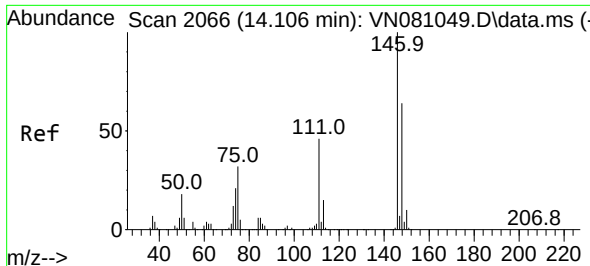
Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Tgt Ion:	117	Resp:	54380
Ion Ratio	Lower	Upper	
117	100		
201	57.4	30.0	90.0





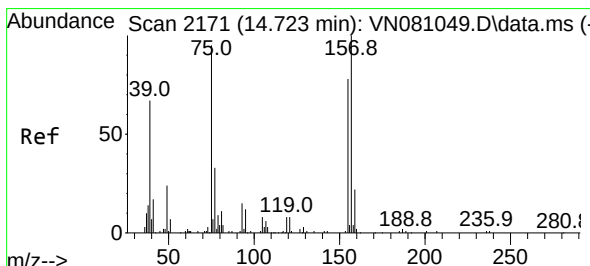
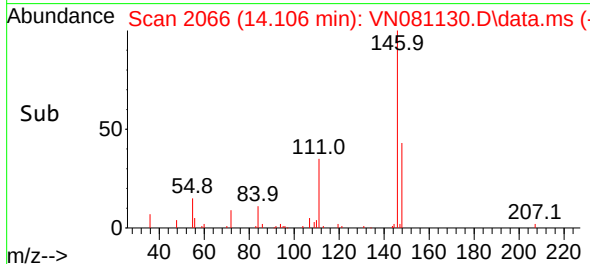
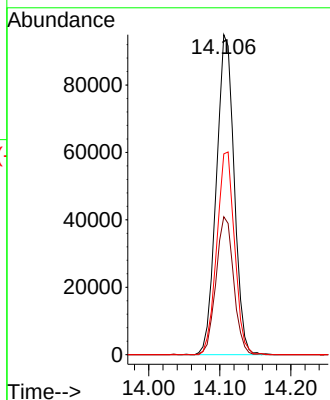
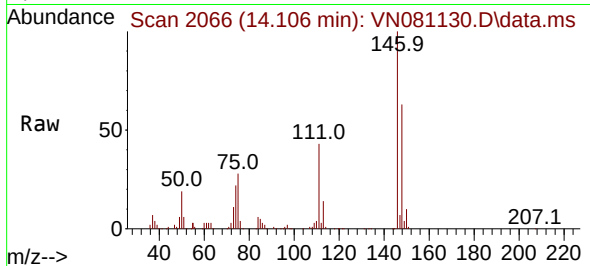
#91
1,2-Dichlorobenzene
Concen: 19.089 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS02

Tgt Ion:146 Resp: 16469
Ion Ratio Lower Upper
146 100
111 42.8 23.9 71.8
148 63.2 31.4 94.0

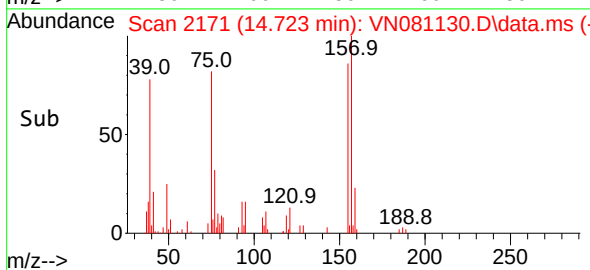
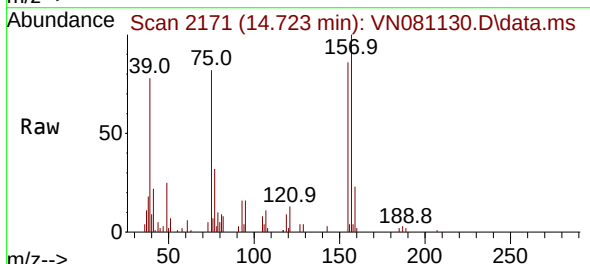
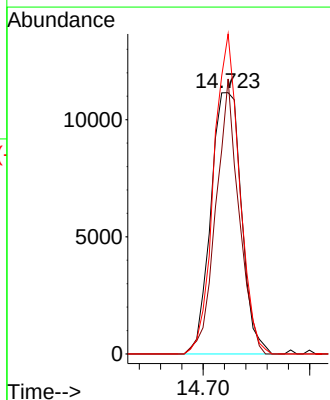
Manual Integrations
APPROVED

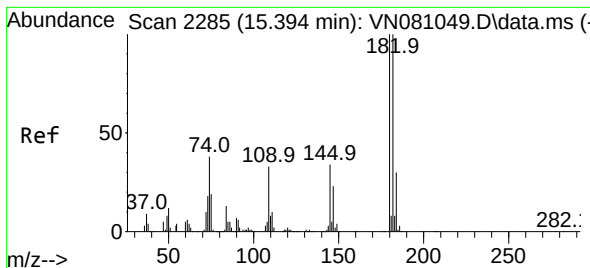
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.881 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 75 Resp: 22196
Ion Ratio Lower Upper
75 100
155 79.2 31.8 95.4
157 102.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.636 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN081130.D

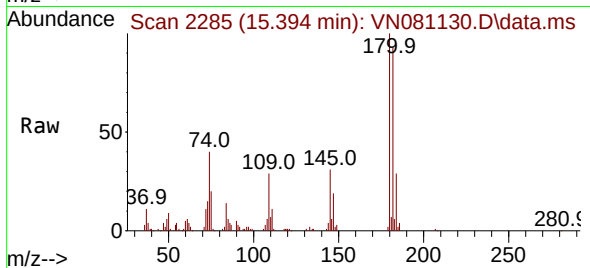
Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS02



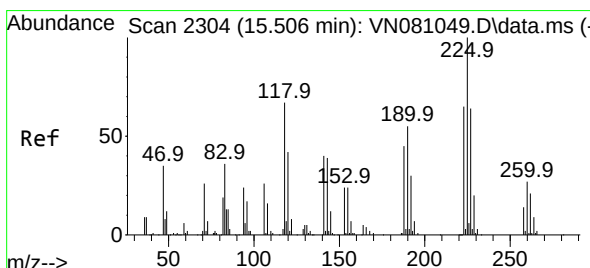
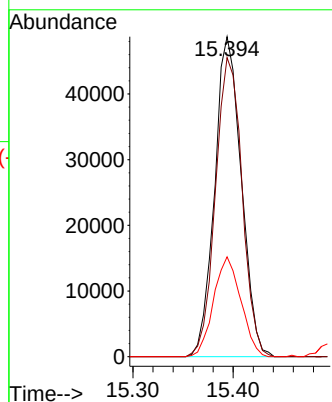
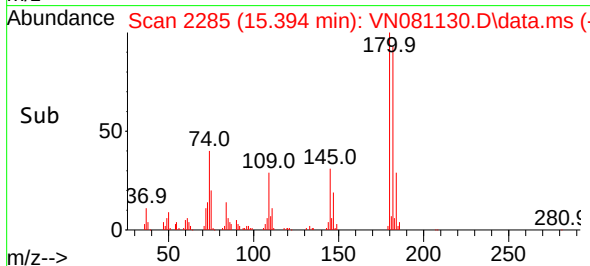
Tgt Ion:	180	Resp:	8970
Ion Ratio	Lower	Upper	
180	100		
182	93.2	46.6	139.7
145	32.0	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#94

Hexachlorobutadiene

Concen: 18.362 ug/l

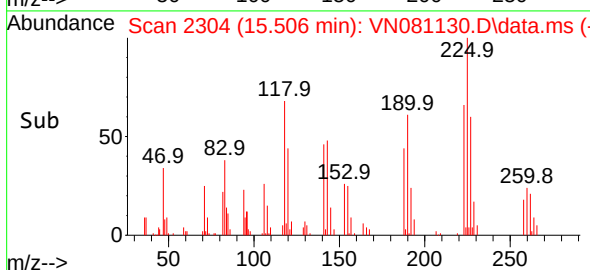
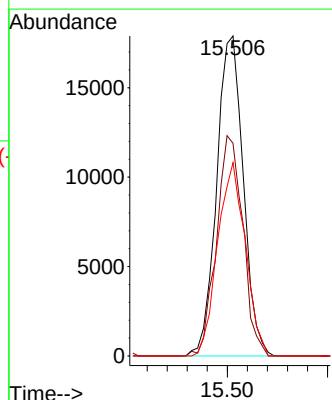
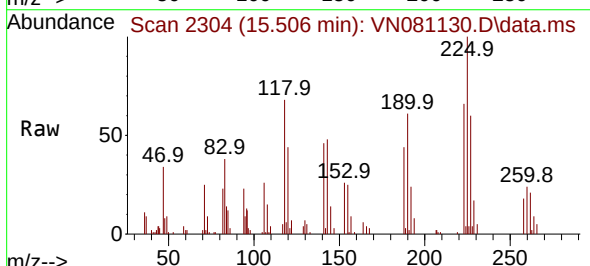
RT: 15.506 min Scan# 2304

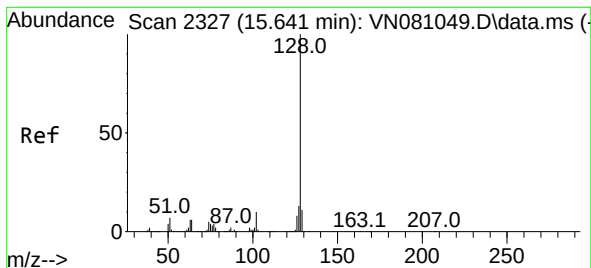
Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Tgt Ion:	225	Resp:	32962
Ion Ratio	Lower	Upper	
225	100		
223	68.3	33.3	99.8
227	62.9	33.1	99.2





#95

Naphthalene

Concen: 18.571 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS02

Tgt Ion:128 Resp: 32756

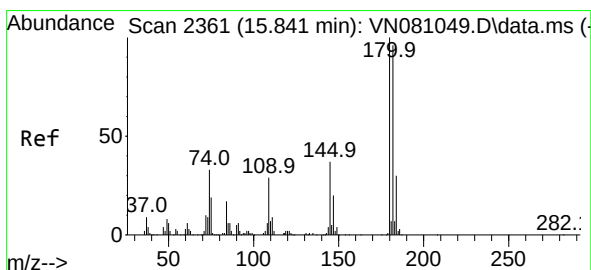
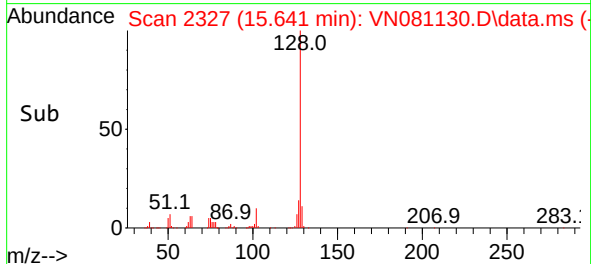
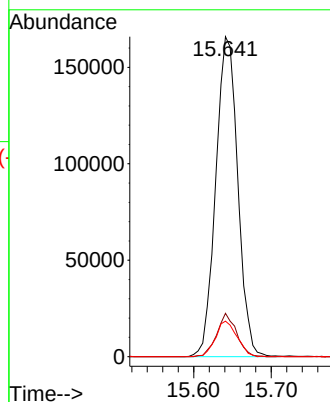
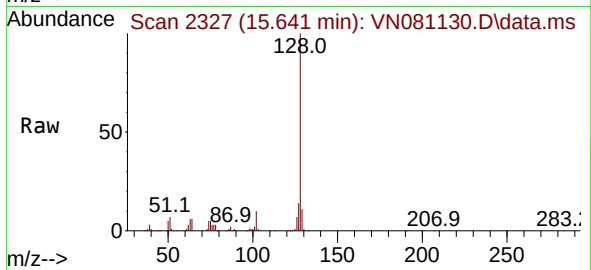
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.212 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Tgt Ion:180 Resp: 91735

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.5	139.3
145	35.5	17.8	53.4

