

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081356.D
 Acq On : 11 Mar 2024 12:17
 Operator : JC\MD
 Sample : VN0311WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2024
 Supervised By : Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 04:50:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	295561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	548745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	491147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	225910	52.863	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.720%			
35) Dibromofluoromethane	8.165	113	172967	51.448	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.900%			
50) Toluene-d8	10.565	98	648571	51.606	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.853	95	226961	51.095	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	82910	21.161	ug/l	96
3) Chloromethane	2.365	50	76607	18.101	ug/l	98
4) Vinyl Chloride	2.518	62	84102	19.049	ug/l	95
5) Bromomethane	2.959	94	54895	18.617	ug/l	100
6) Chloroethane	3.130	64	57601	18.995	ug/l	94
7) Trichlorofluoromethane	3.500	101	130685	20.009	ug/l	92
8) Diethyl Ether	3.959	74	46229	20.090	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	73253	19.695	ug/l	94
10) Methyl Iodide	4.594	142	67319	19.779	ug/l	97
11) Tert butyl alcohol	5.506	59	74682	99.942	ug/l	99
12) 1,1-Dichloroethene	4.341	96	65791	19.101	ug/l	88
13) Acrolein	4.177	56	81786	92.431	ug/l	96
14) Allyl chloride	5.018	41	99253	19.417	ug/l #	90
15) Acrylonitrile	5.718	53	192970	98.850	ug/l	96
16) Acetone	4.430	43	147657	97.520	ug/l	99
17) Carbon Disulfide	4.712	76	176214	17.925	ug/l #	94
18) Methyl Acetate	5.018	43	99110	22.863	ug/l	94
19) Methyl tert-butyl Ether	5.788	73	235572	20.166	ug/l	95
20) Methylene Chloride	5.283	84	80485	21.049	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	72660	18.711	ug/l	94
22) Diisopropyl ether	6.665	45	241700	21.288	ug/l #	96
23) Vinyl Acetate	6.600	43	933182	101.174	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	138358	19.908	ug/l	94
25) 2-Butanone	7.482	43	252477	99.570	ug/l	99
26) 2,2-Dichloropropane	7.488	77	123456	20.099	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	86059	19.547	ug/l	90
28) Bromochloromethane	7.806	49	53109	17.859	ug/l #	62
29) Tetrahydrofuran	7.835	42	170725	98.738	ug/l	89
30) Chloroform	7.971	83	148213	20.550	ug/l	98
31) Cyclohexane	8.259	56	119466	18.465	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	130028	20.396	ug/l #	91
36) 1,1-Dichloropropene	8.371	75	106632	19.660	ug/l	97
37) Ethyl Acetate	7.559	43	101122	19.072	ug/l	98
38) Carbon Tetrachloride	8.365	117	107610	19.713	ug/l	100
39) Methylcyclohexane	9.600	83	119082	19.077	ug/l	90
40) Benzene	8.606	78	311458	19.238	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	60931	20.350	ug/l	96
42) 1,2-Dichloroethane	8.671	62	119325	20.904	ug/l	98
43) Isopropyl Acetate	8.688	43	178885	19.276	ug/l	98
44) Trichloroethene	9.353	130	80533	19.723	ug/l	91
45) 1,2-Dichloropropane	9.623	63	80053	19.684	ug/l	98
46) Dibromomethane	9.706	93	59912	20.900	ug/l	92
47) Bromodichloromethane	9.888	83	113803	20.449	ug/l #	94
48) Methyl methacrylate	9.682	41	83600	20.380	ug/l	93
49) 1,4-Dioxane	9.694	88	34741	384.248	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	549740	102.021	ug/l	98
52) Toluene	10.629	92	196313	20.073	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	123716	20.546	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	132688	20.413	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	84205	21.712	ug/l	95
56) Ethyl methacrylate	10.876	69	114370	20.537	ug/l	92
57) 1,3-Dichloropropane	11.165	76	136240	20.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	283308	94.576	ug/l	91
59) 2-Hexanone	11.194	43	407617	101.187	ug/l	98
60) Dibromochloromethane	11.359	129	82039	20.540	ug/l	99
61) 1,2-Dibromoethane	11.470	107	84149	20.912	ug/l	97
64) Tetrachloroethene	11.106	164	75730	19.692	ug/l	89
65) Chlorobenzene	11.894	112	206265	19.930	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	75594	19.960	ug/l	97
67) Ethyl Benzene	11.965	91	363326	19.488	ug/l	99
68) m/p-Xylenes	12.070	106	286264	40.800	ug/l	93
69) o-Xylene	12.400	106	136972	20.143	ug/l	95
70) Styrene	12.412	104	227429	21.105	ug/l	96
71) Bromoform	12.582	173	53399	20.309	ug/l #	98
73) Isopropylbenzene	12.700	105	351198	19.194	ug/l	98
74) N-amyl acetate	12.494	43	148821	19.385	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	107962	19.120	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	104534m	19.532	ug/l	
77) Bromobenzene	12.982	156	82594	19.039	ug/l	79
78) n-propylbenzene	13.035	91	435793	20.137	ug/l	97
79) 2-Chlorotoluene	13.129	91	252050	19.054	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	305644	20.208	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	38641m	20.150	ug/l	
82) 4-Chlorotoluene	13.223	91	252366	19.315	ug/l	97
83) tert-Butylbenzene	13.441	119	247324	19.074	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	309207	20.178	ug/l	98
85) sec-Butylbenzene	13.617	105	359428	19.160	ug/l	95
86) p-Isopropyltoluene	13.729	119	298292	19.828	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	156356	19.088	ug/l	94
88) 1,4-Dichlorobenzene	13.811	146	153694	18.772	ug/l	99
89) n-Butylbenzene	14.059	91	267084	19.360	ug/l	97
90) Hexachloroethane	14.341	117	51264	19.464	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	151798	19.314	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21864	18.094	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	79648	18.959	ug/l	97
94) Hexachlorobutadiene	15.505	225	31825	18.334	ug/l	94
95) Naphthalene	15.641	128	284989	19.065	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	79484	18.657	ug/l	95

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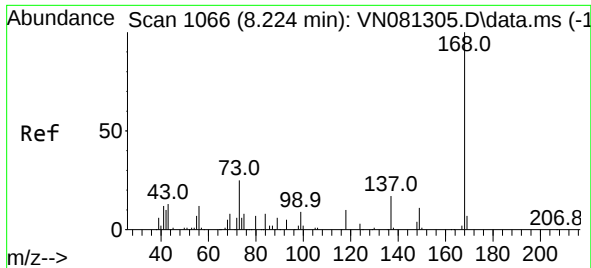
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
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QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

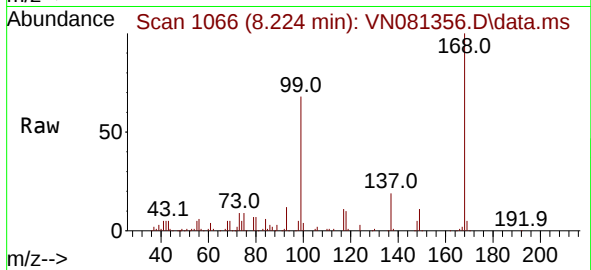
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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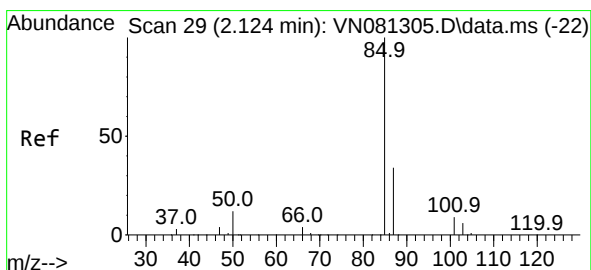
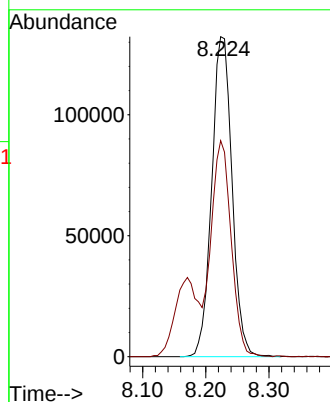
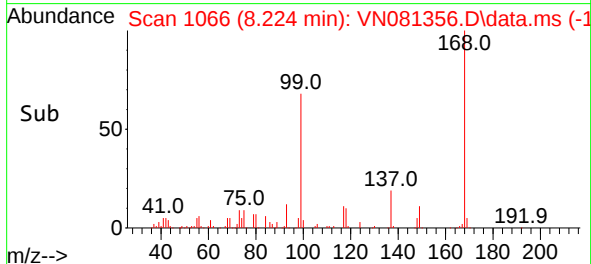
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 29556
Ion Ratio Lower Upper
168 100
99 67.2 59.9 89.9

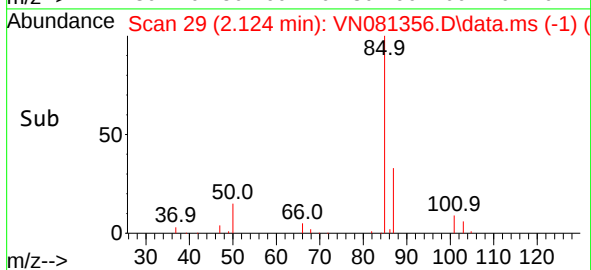
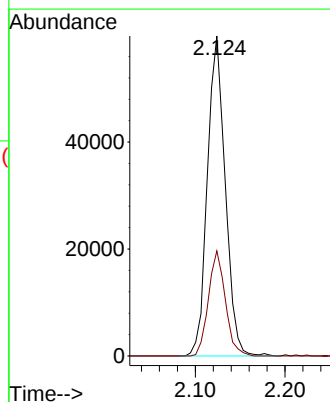
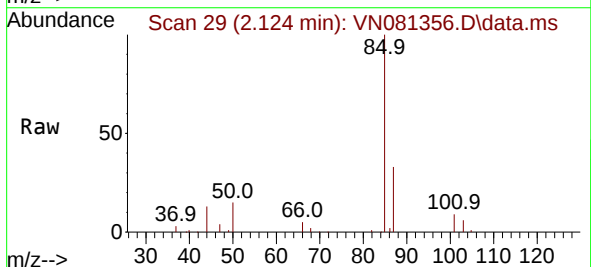
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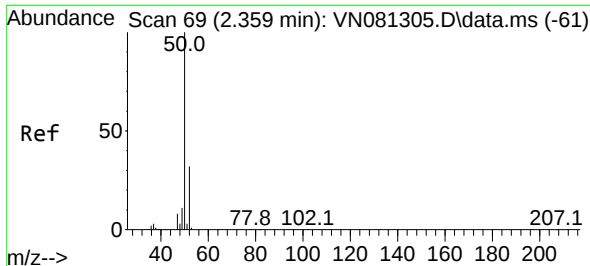
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#2
Dichlorodifluoromethane
Concen: 21.161 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 85 Resp: 82910
Ion Ratio Lower Upper
85 100
87 32.9 15.3 45.9





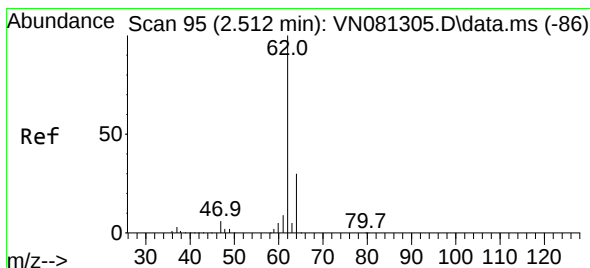
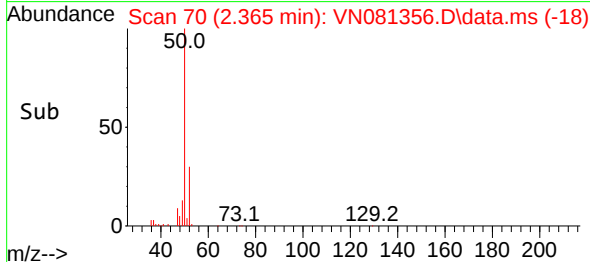
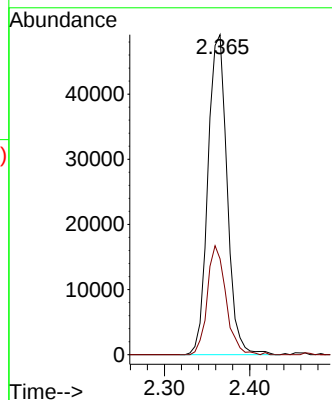
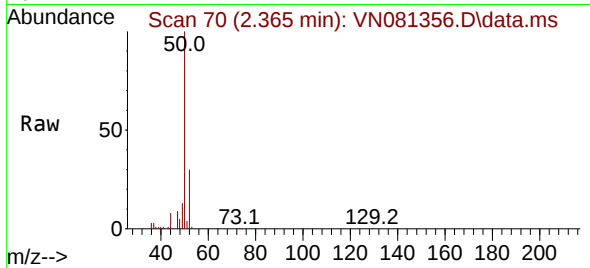
#3
Chloromethane
Concen: 18.101 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Instrument :
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Tgt Ion: 50 Resp: 7660
Ion Ratio Lower Upper
50 100
52 29.9 25.0 37.4

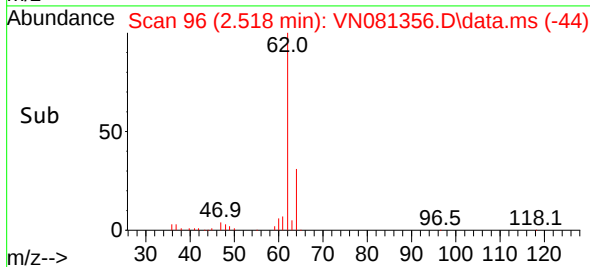
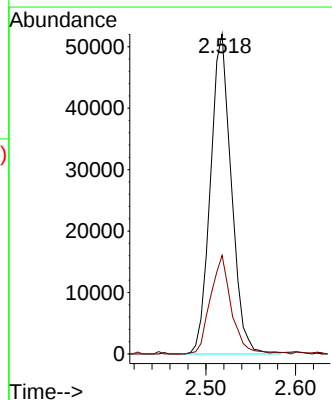
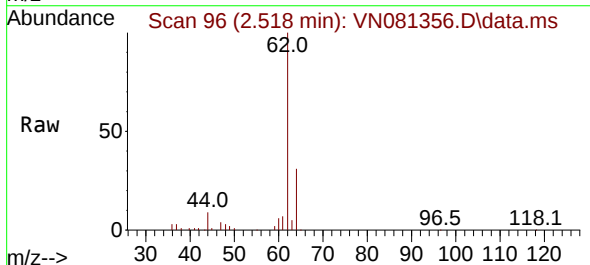
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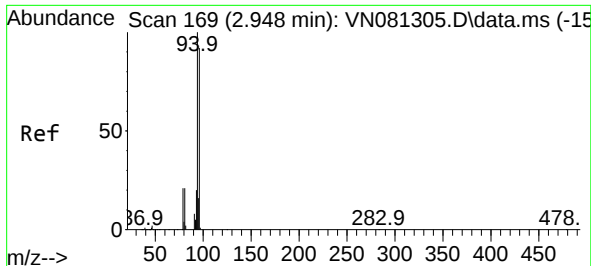
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#4
Vinyl Chloride
Concen: 19.049 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 62 Resp: 84102
Ion Ratio Lower Upper
62 100
64 30.8 22.7 34.1





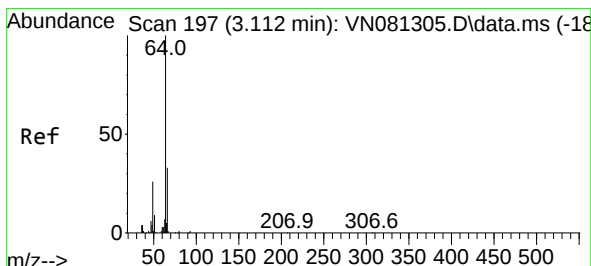
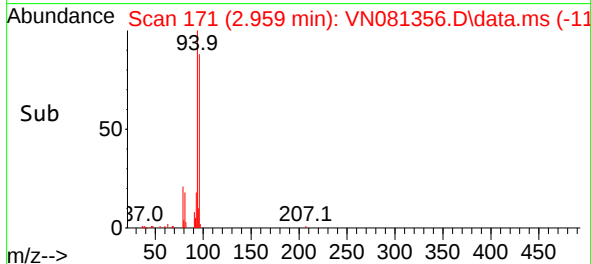
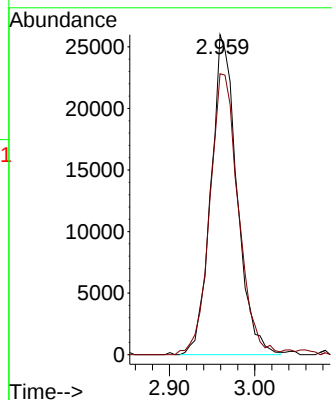
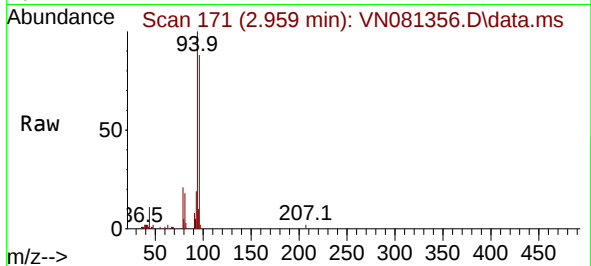
#5
Bromomethane
Concen: 18.617 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 5489
Ion Ratio Lower Upper
94 100
96 86.9 69.2 103.8

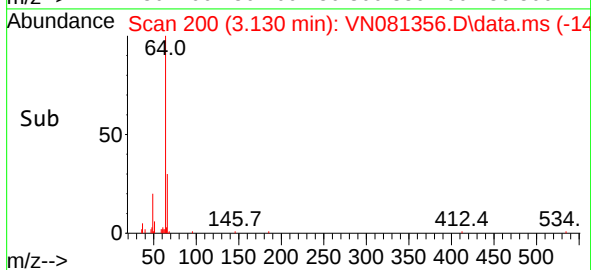
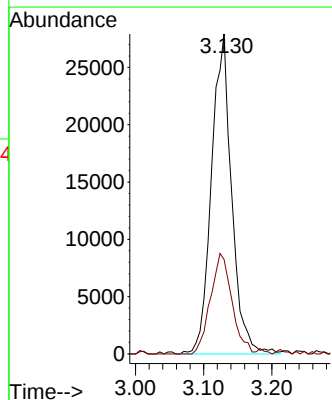
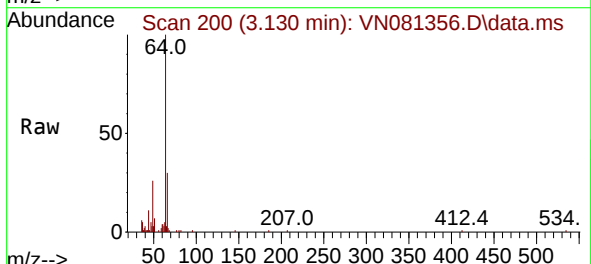
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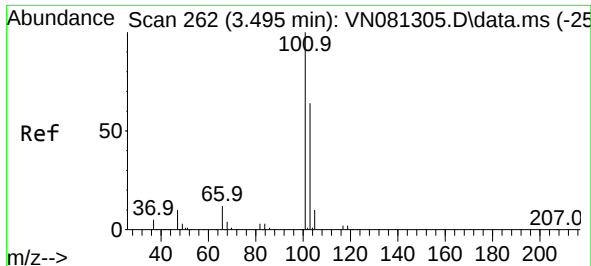
Reviewed By :John Carlone 03/12/2024
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#6
Chloroethane
Concen: 18.995 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.018 min
Lab File: VN081356.D
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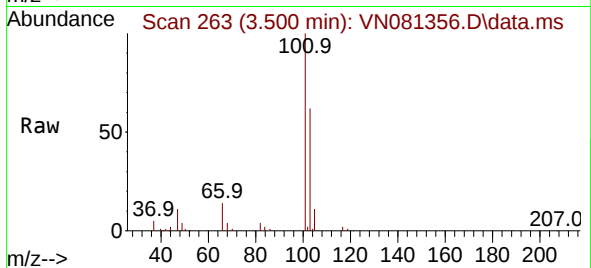
Tgt Ion: 64 Resp: 57601
Ion Ratio Lower Upper
64 100
66 29.6 26.4 39.6





#7
Trichlorofluoromethane
Concen: 20.009 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

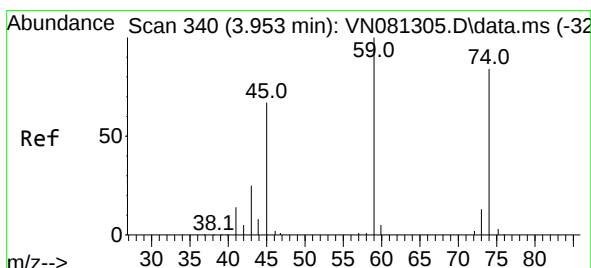
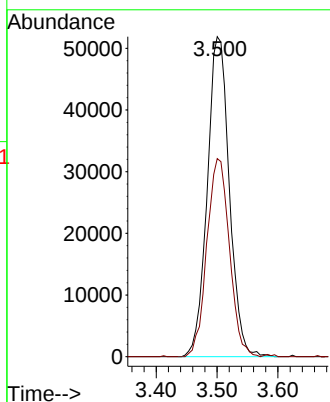
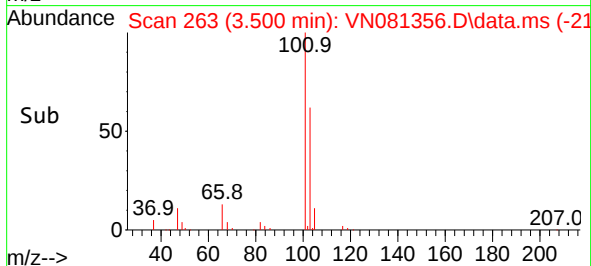
Instrument :
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VN0311WBS01



Tgt Ion:101 Resp: 13068
Ion Ratio Lower Upper
101 100
103 61.9 54.4 81.6

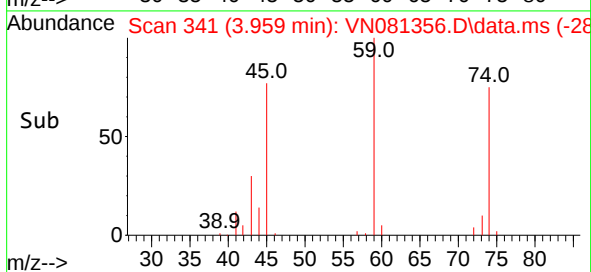
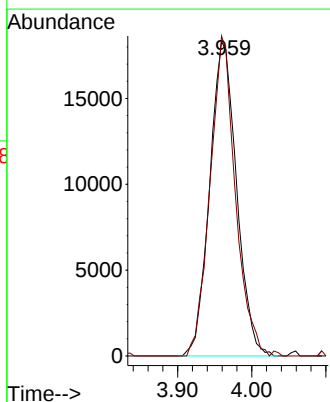
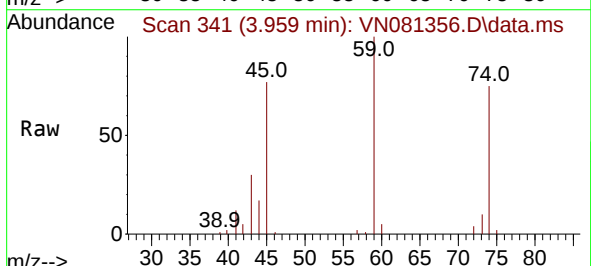
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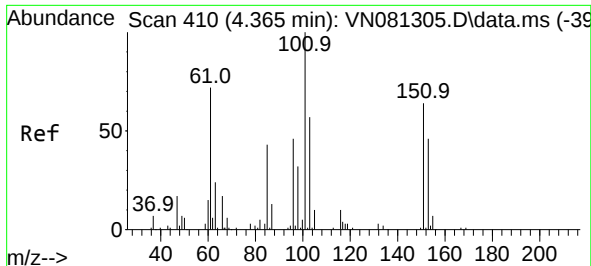
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#8
Diethyl Ether
Concen: 20.090 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 74 Resp: 46229
Ion Ratio Lower Upper
74 100
45 95.7 53.3 159.9





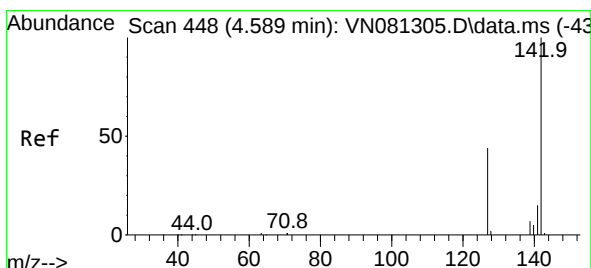
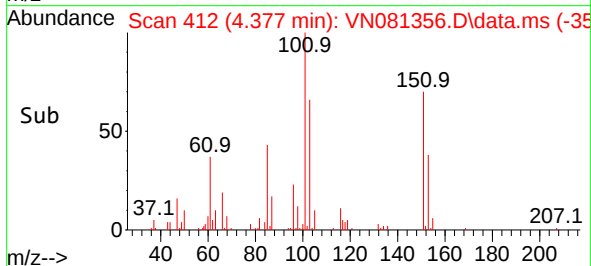
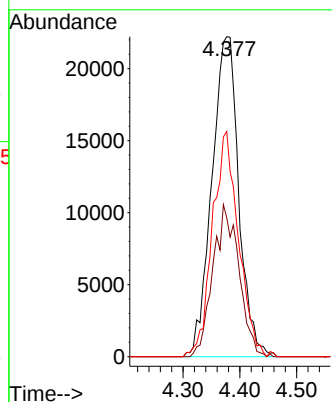
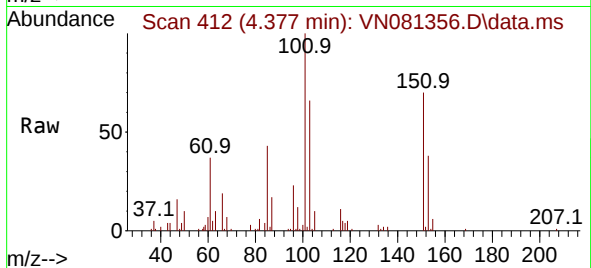
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.695 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion:101 Resp: 7325
Ion Ratio Lower Upper
101 100
85 45.8 38.1 57.1
151 67.7 49.1 73.7

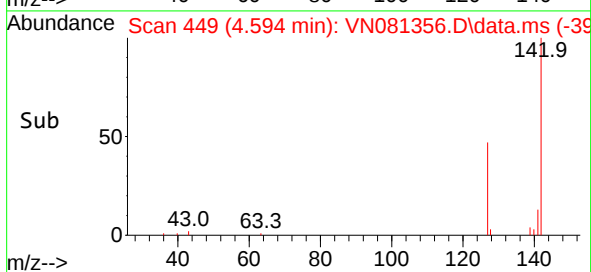
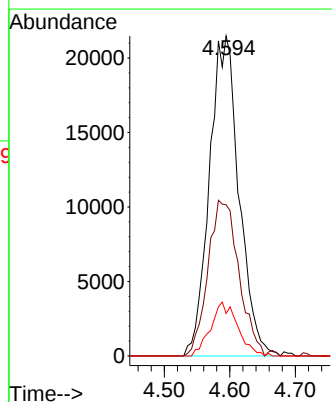
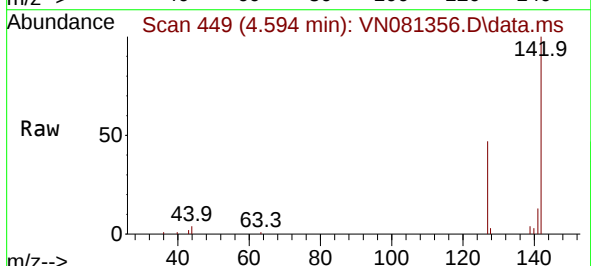
Manual Integrations
APPROVED

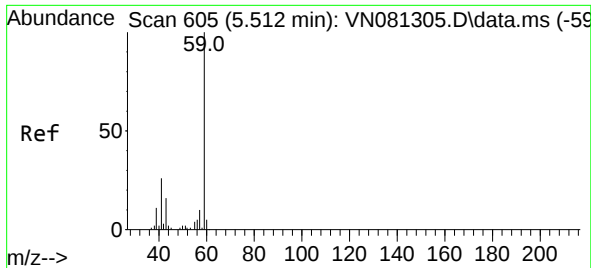
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#10
Methyl Iodide
Concen: 19.779 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

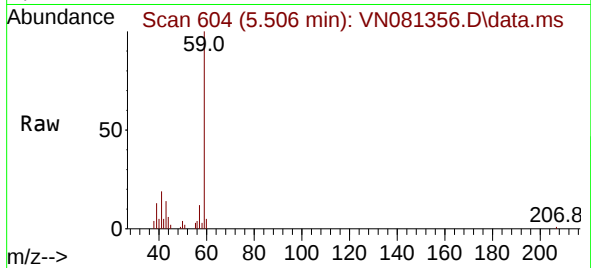
Tgt Ion:142 Resp: 67319
Ion Ratio Lower Upper
142 100
127 47.3 37.0 55.4
141 13.3 12.5 18.7





#11
Tert butyl alcohol
Concen: 99.942 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

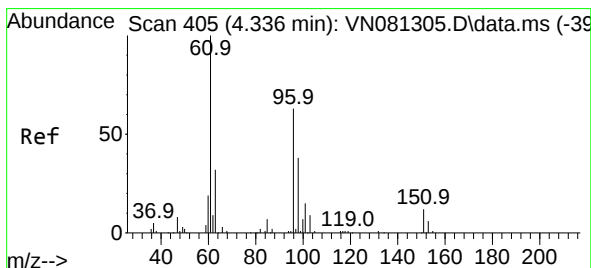
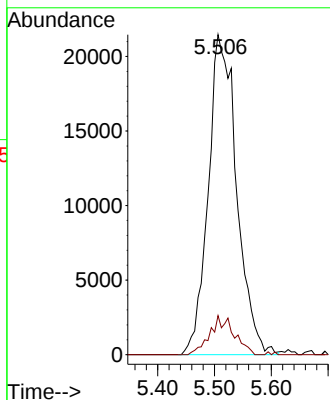
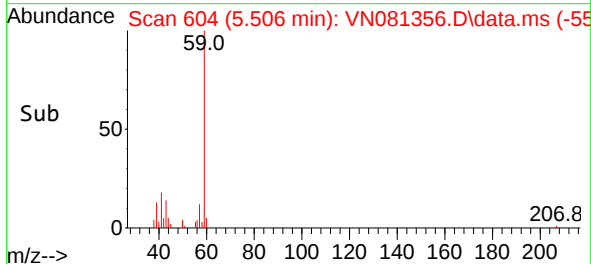
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



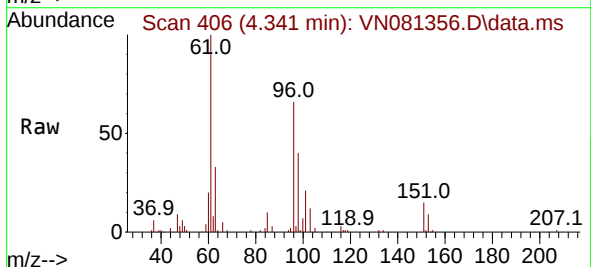
Tgt Ion: 59 Resp: 74682
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

Manual Integrations
APPROVED

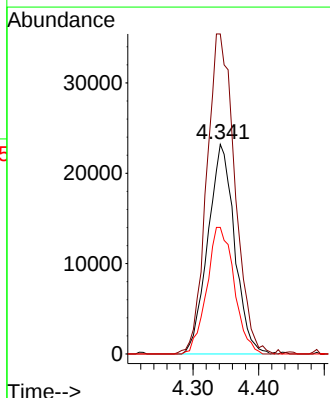
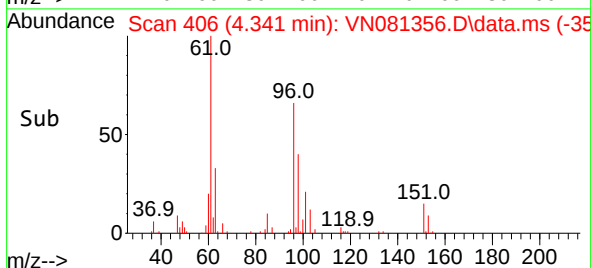
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

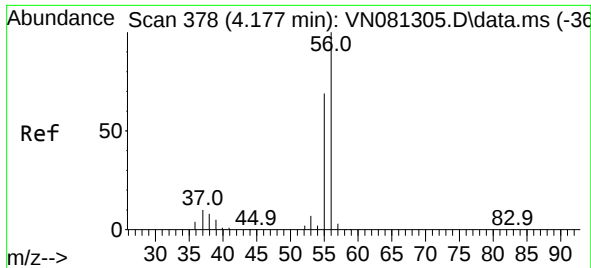


#12
1,1-Dichloroethene
Concen: 19.101 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17



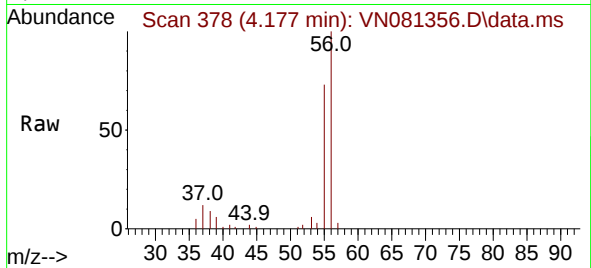
Tgt Ion: 96 Resp: 65791
Ion Ratio Lower Upper
96 100
61 151.9 138.2 207.4
98 60.4 49.2 73.8





#13
Acrolein
Concen: 92.431 ug/l
RT: 4.177 min Scan# 317
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

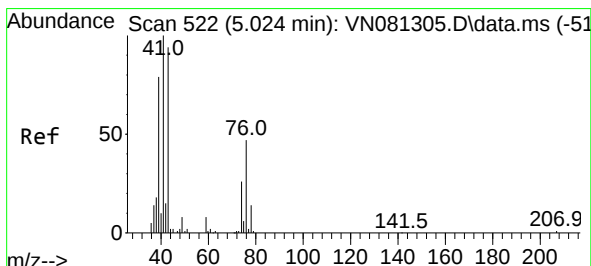
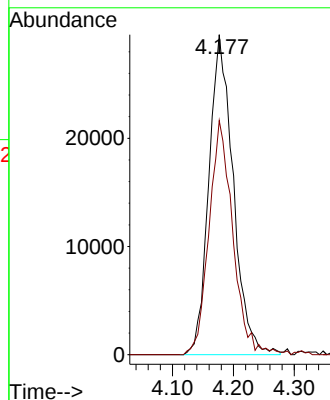
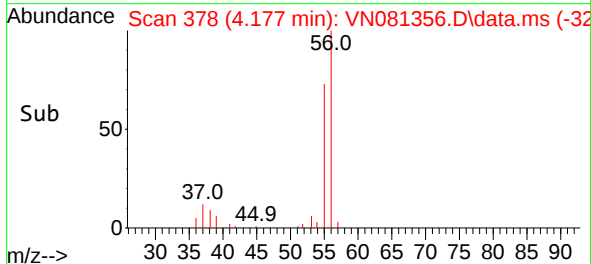
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 56 Resp: 81780
Ion Ratio Lower Upper
56 100
55 72.0 55.3 82.9

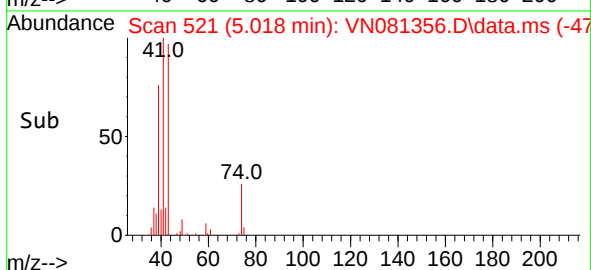
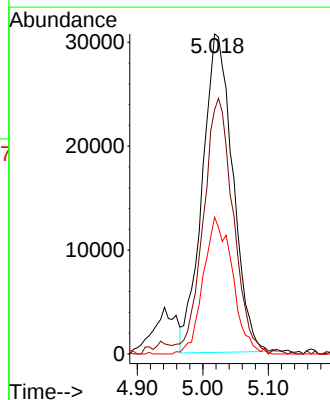
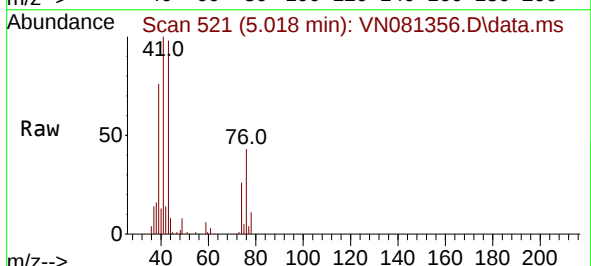
Manual Integrations
APPROVED

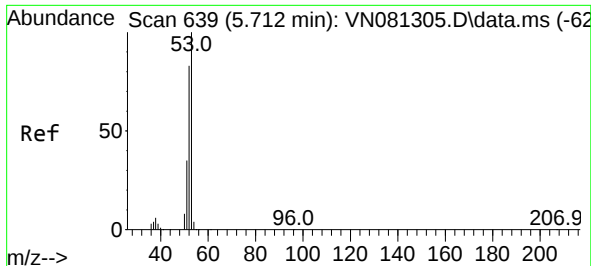
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#14
Allyl chloride
Concen: 19.417 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

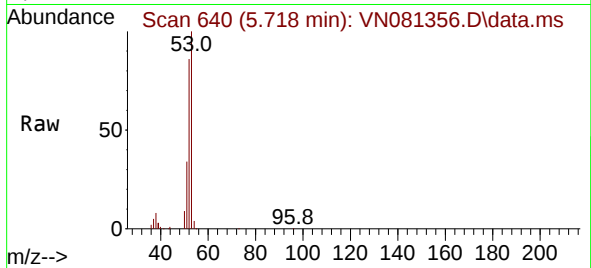
Tgt Ion: 41 Resp: 99253
Ion Ratio Lower Upper
41 100
39 78.7 57.7 86.5
76 41.2 26.8 40.2#





#15
Acrylonitrile
Concen: 98.850 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

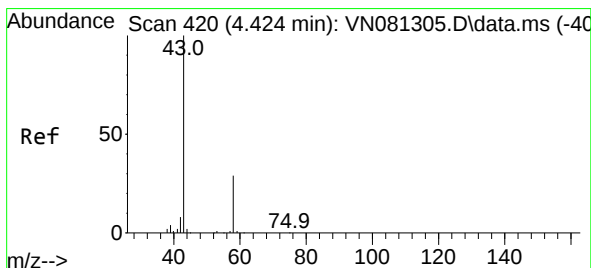
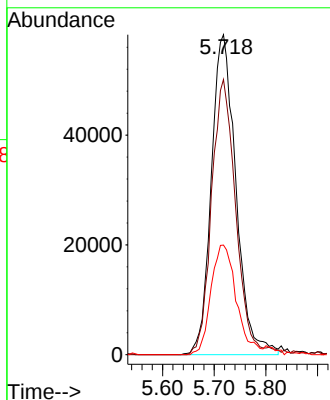
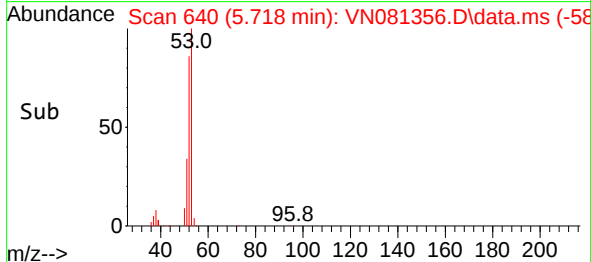
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 53 Resp: 192970
Ion Ratio Lower Upper
53 100
52 84.8 64.8 97.2
51 35.4 26.9 40.3

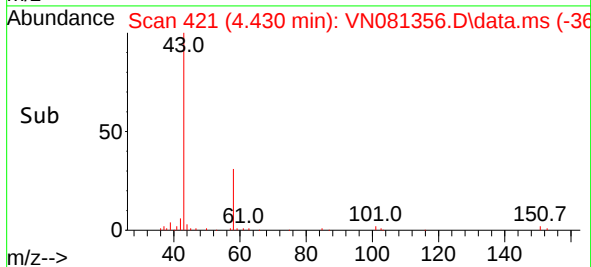
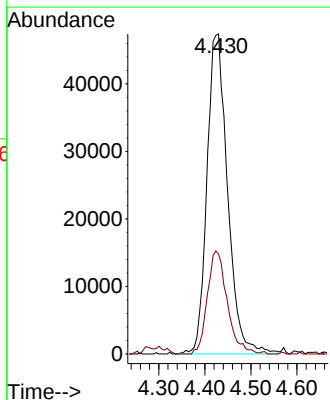
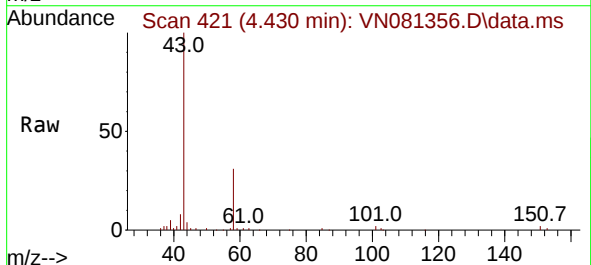
Manual Integrations
APPROVED

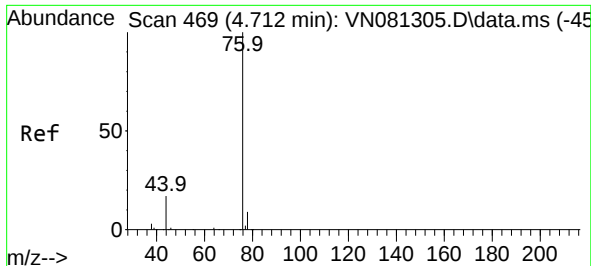
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#16
Acetone
Concen: 97.520 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

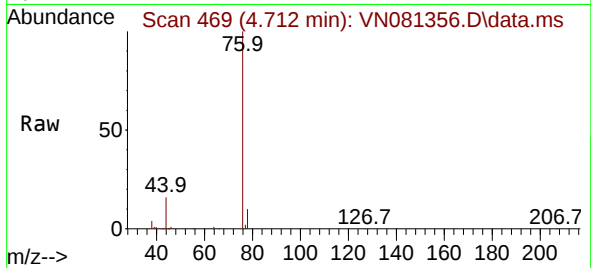
Tgt Ion: 43 Resp: 147657
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2





#17
Carbon Disulfide
Concen: 17.925 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

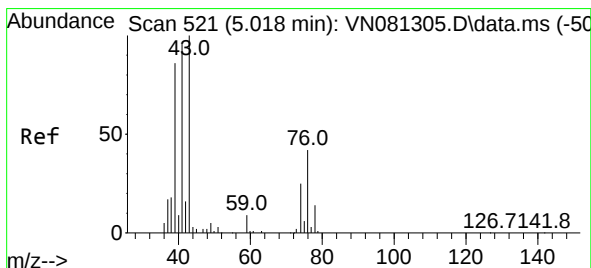
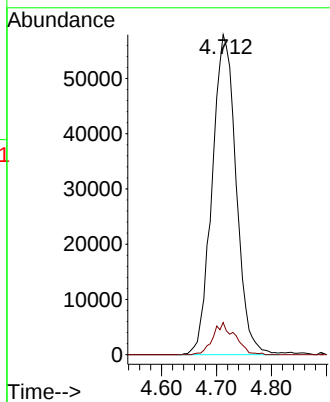
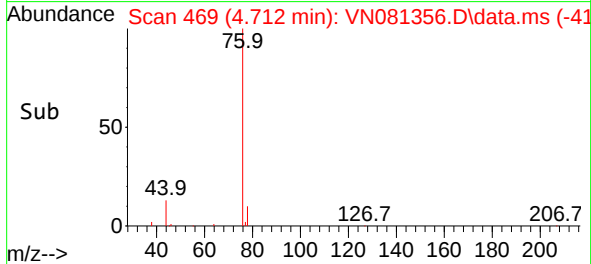
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 76 Resp: 176214
Ion Ratio Lower Upper
76 100
78 10.1 6.3 9.5

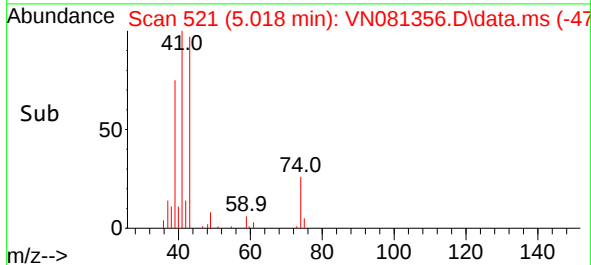
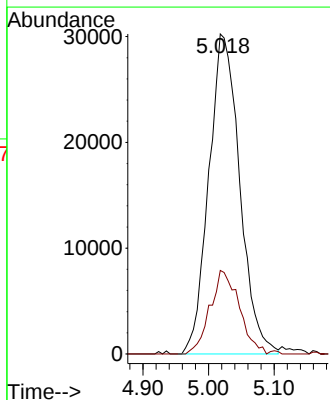
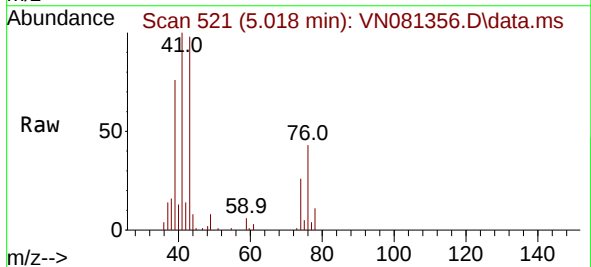
Manual Integrations
APPROVED

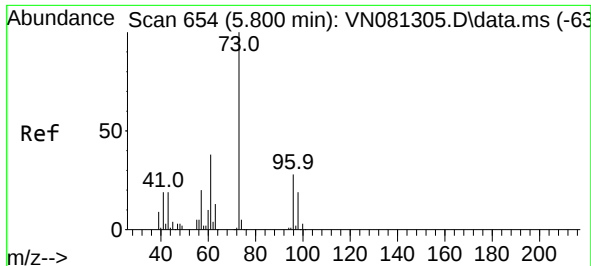
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#18
Methyl Acetate
Concen: 22.863 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 43 Resp: 99110
Ion Ratio Lower Upper
43 100
74 24.7 17.3 25.9





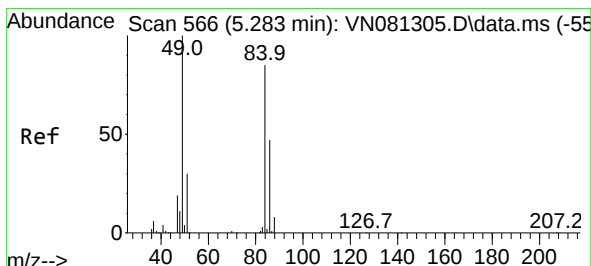
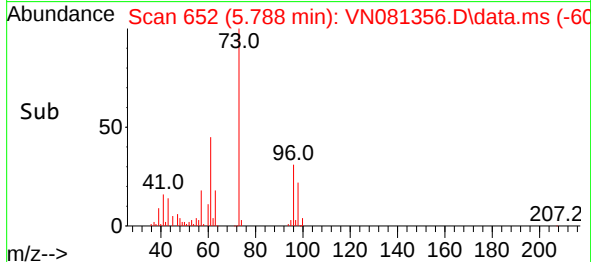
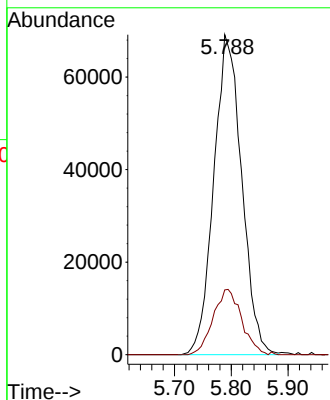
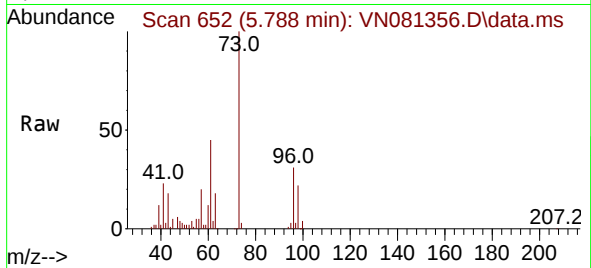
#19
Methyl tert-butyl Ether
Concen: 20.166 ug/l
RT: 5.788 min Scan# 654
Delta R.T. -0.012 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 73 Resp: 235572
Ion Ratio Lower Upper
73 100
57 20.3 18.2 27.4

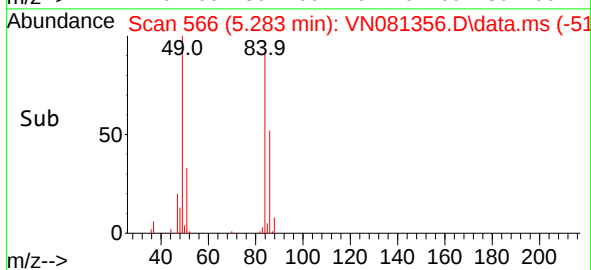
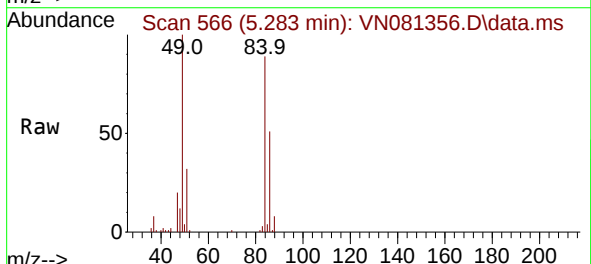
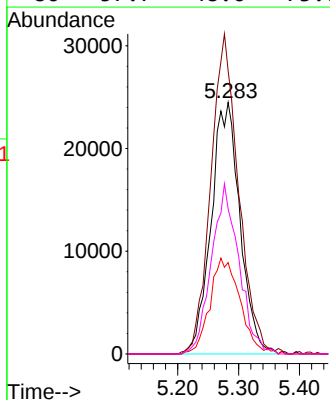
Manual Integrations
APPROVED

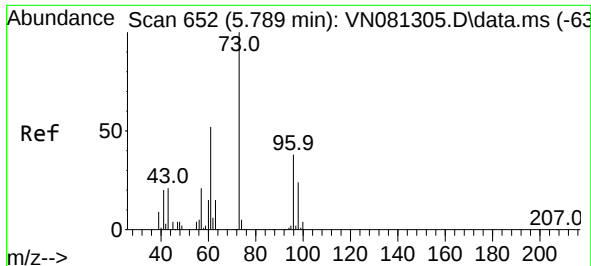
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#20
Methylene Chloride
Concen: 21.049 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

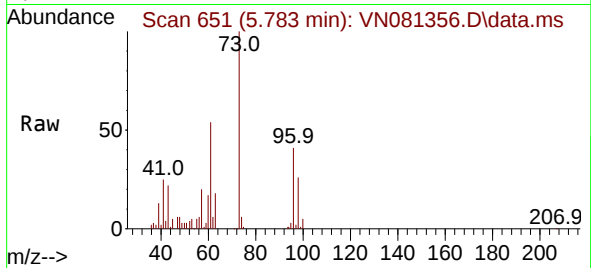
Tgt Ion: 84 Resp: 80485
Ion Ratio Lower Upper
84 100
49 112.6 108.1 162.1
51 36.3 32.9 49.3
86 57.7 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.711 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

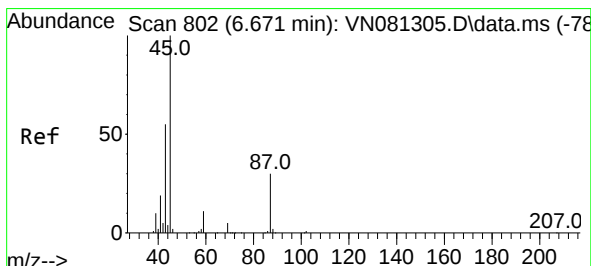
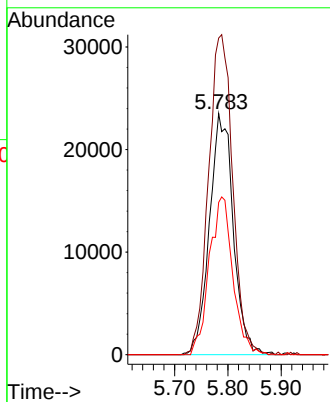
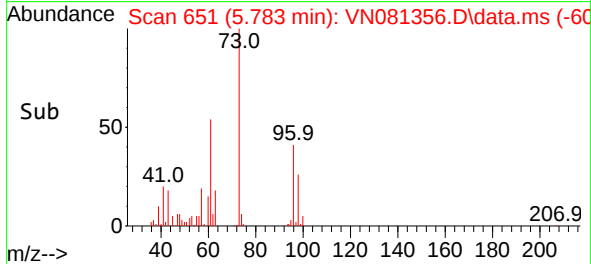
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 96 Resp: 72660
Ion Ratio Lower Upper
96 100
61 131.4 112.8 169.2
98 63.2 51.0 76.4

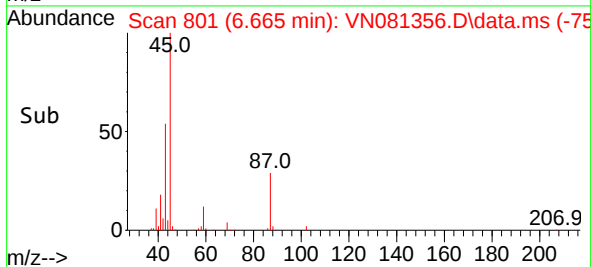
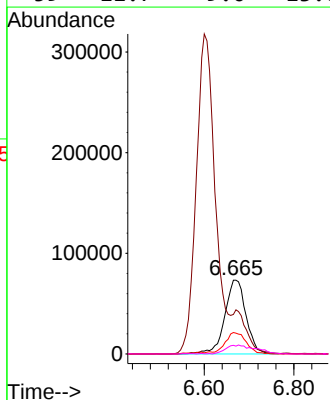
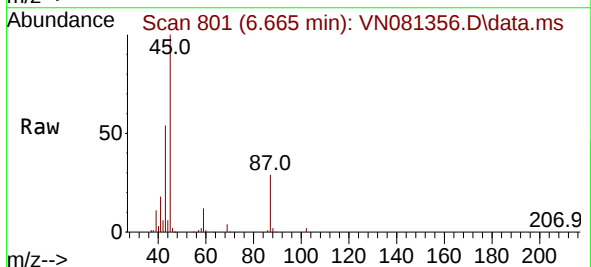
Manual Integrations
APPROVED

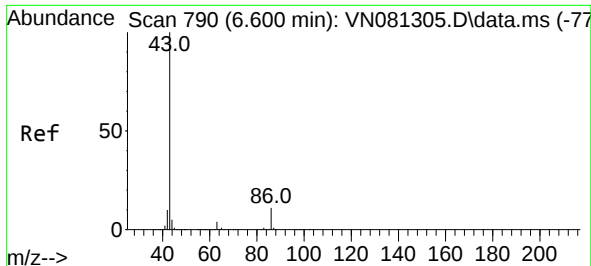
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#22
Diisopropyl ether
Concen: 21.288 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

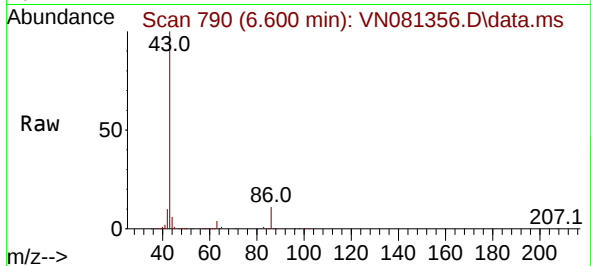
Tgt Ion: 45 Resp: 241700
Ion Ratio Lower Upper
45 100
43 52.7 41.8 62.8
87 29.2 18.1 27.1#
59 11.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 101.174 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

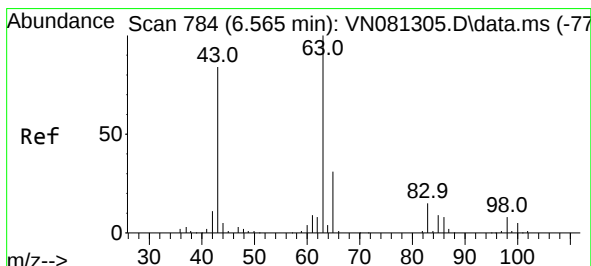
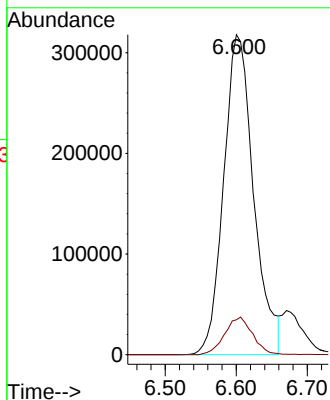
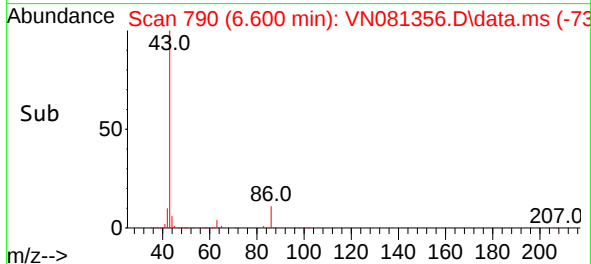
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01



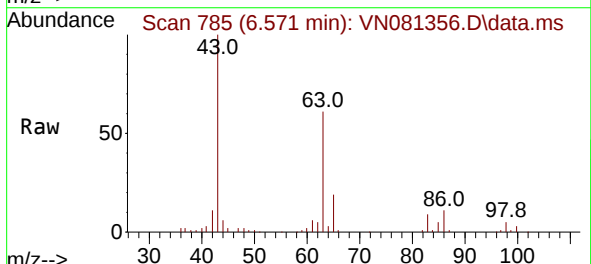
Tgt Ion: 43 Resp: 93318
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

Manual Integrations
 APPROVED

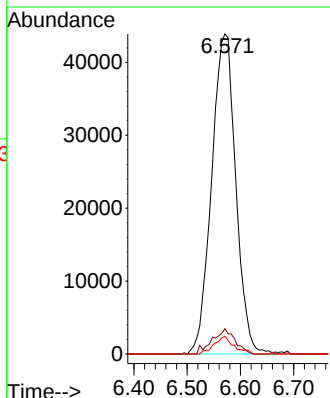
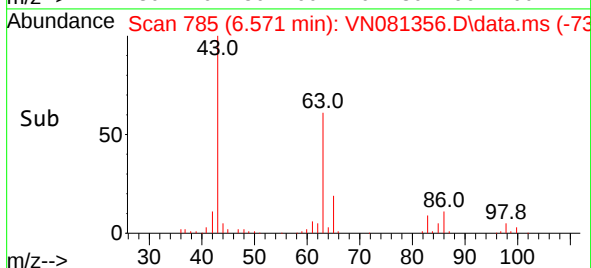
Reviewed By :John Carlone 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

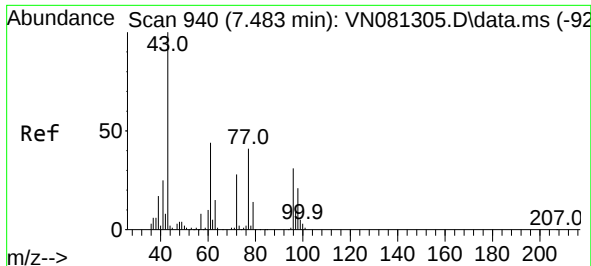


#24
 1,1-Dichloroethane
 Concen: 19.908 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17



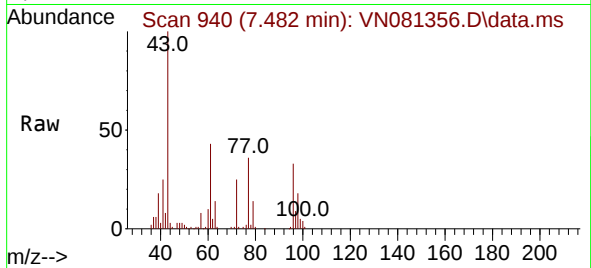
Tgt Ion: 63 Resp: 138358
 Ion Ratio Lower Upper
 63 100
 98 7.9 2.9 8.6
 100 5.6 1.9 5.7





#25
2-Butanone
Concen: 99.570 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

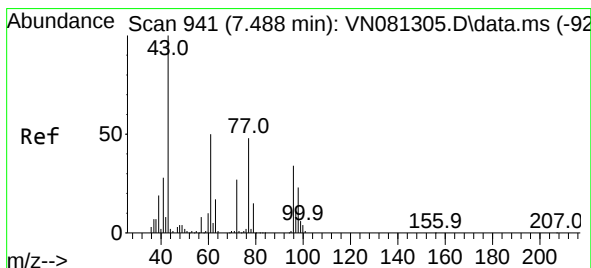
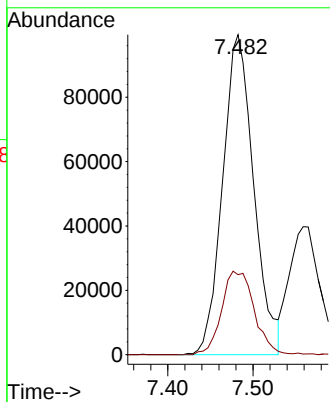
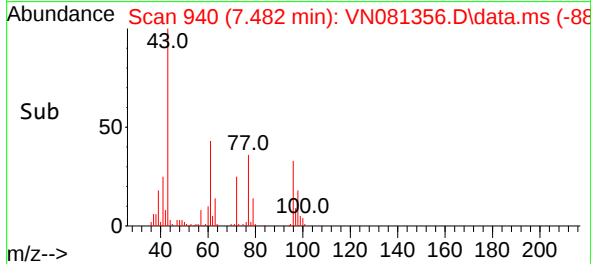
Instrument :
MSVOA_N
Client Sample Id :
VN0311WBS01



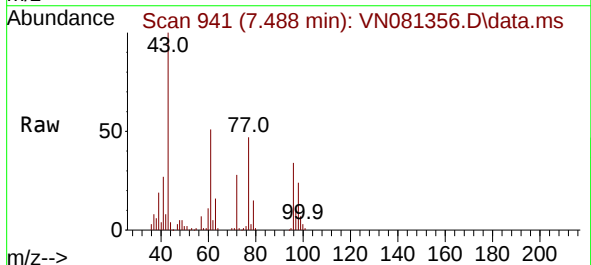
Tgt Ion: 43 Resp: 25247
Ion Ratio Lower Upper
43 100
72 25.0 19.5 29.3

Manual Integrations
APPROVED

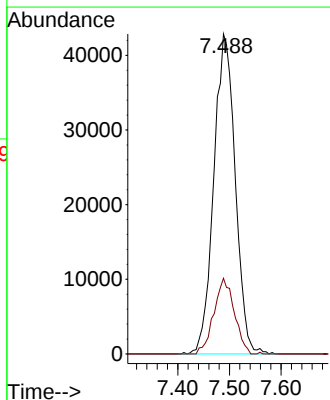
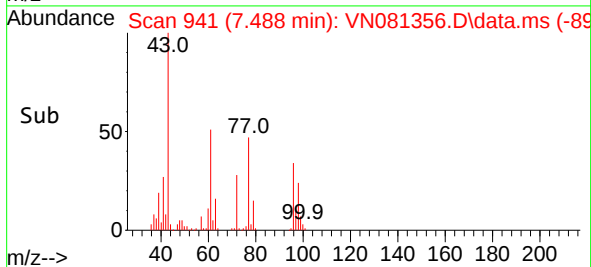
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

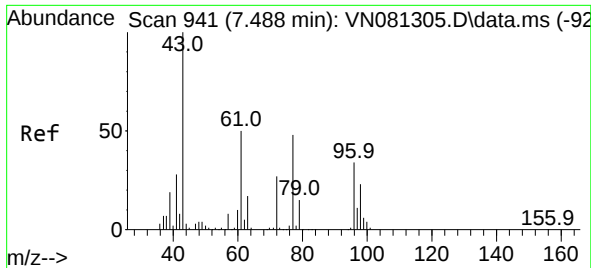


#26
2,2-Dichloropropane
Concen: 20.099 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17



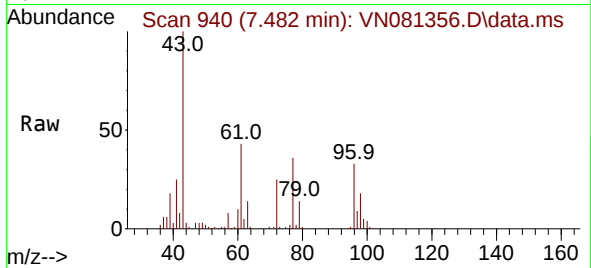
Tgt Ion: 77 Resp: 123456
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.547 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

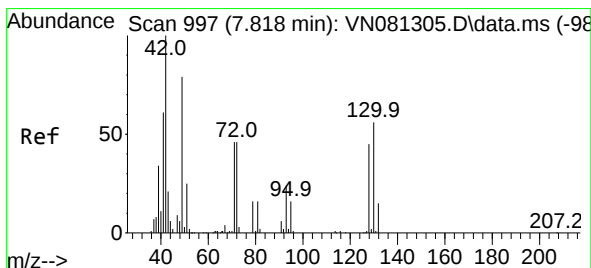
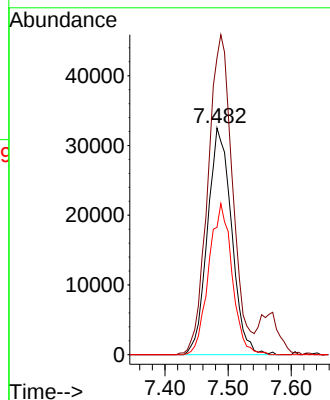
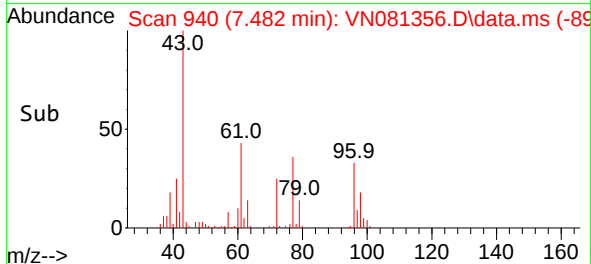
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01



Tgt Ion: 96 Resp: 86059
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 325.4
 98 64.5 0.0 130.4

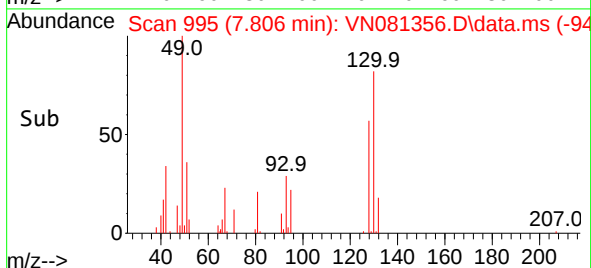
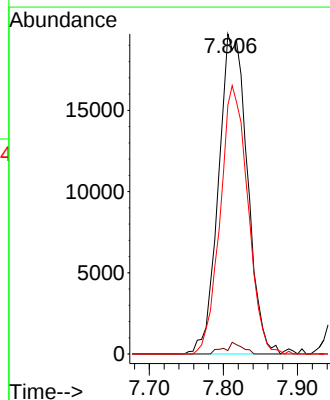
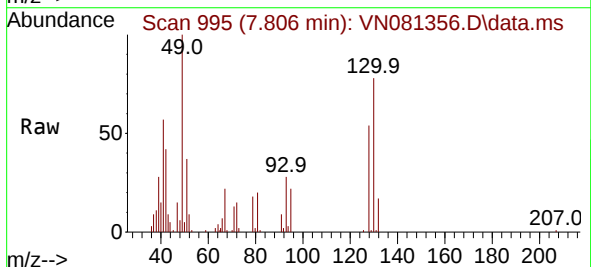
Manual Integrations
 APPROVED

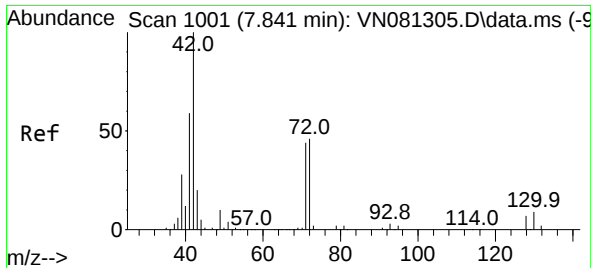
Reviewed By :John Carlone 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#28
 Bromochloromethane
 Concen: 17.859 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.012 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

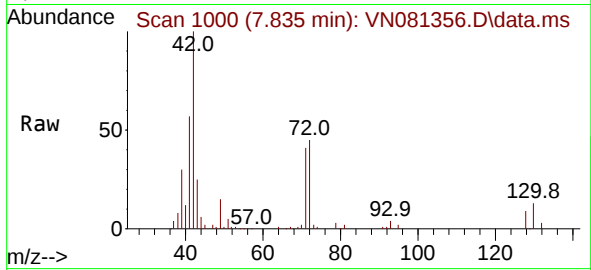
Tgt Ion: 49 Resp: 53109
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 1.6#
 130 80.4 42.3 63.5#





#29
Tetrahydrofuran
Concen: 98.738 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

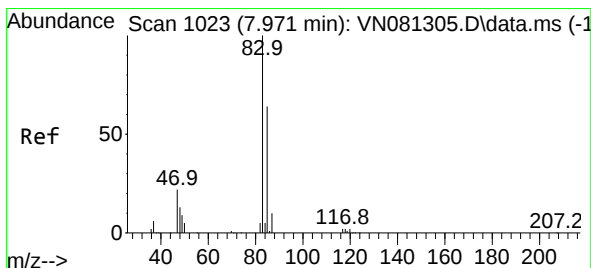
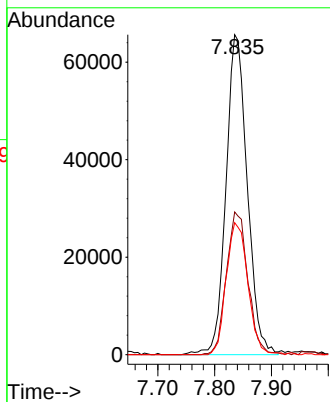
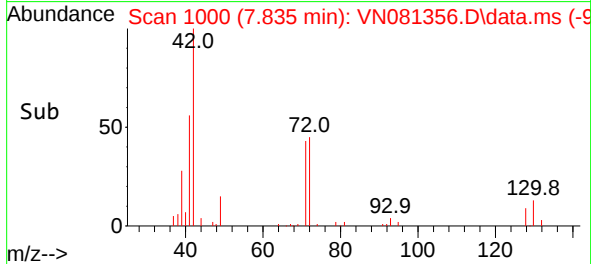
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 42 Resp: 170725
Ion Ratio Lower Upper
42 100
72 45.0 31.1 46.7
71 41.8 28.3 42.5

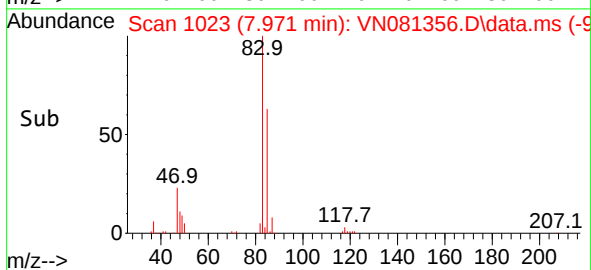
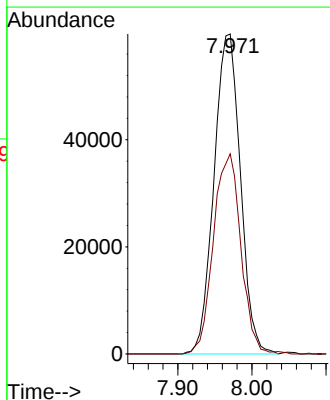
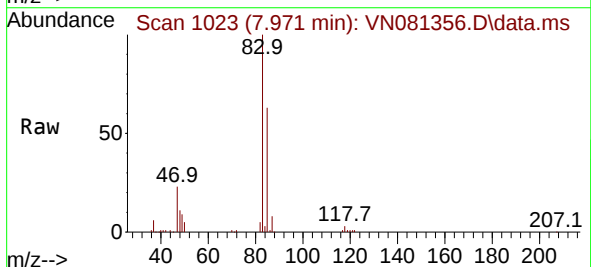
Manual Integrations
APPROVED

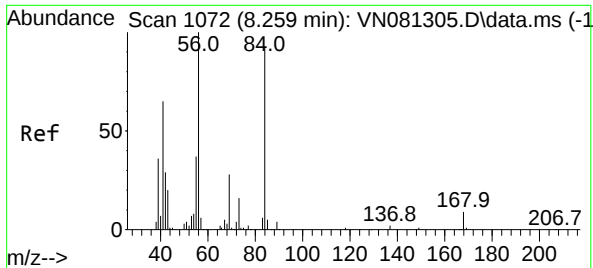
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#30
Chloroform
Concen: 20.550 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

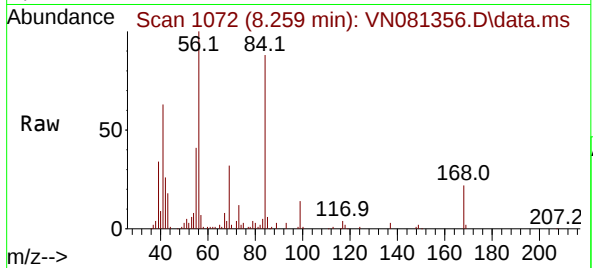
Tgt Ion: 83 Resp: 148213
Ion Ratio Lower Upper
83 100
85 62.6 51.0 76.6





#31
Cyclohexane
Concen: 18.465 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

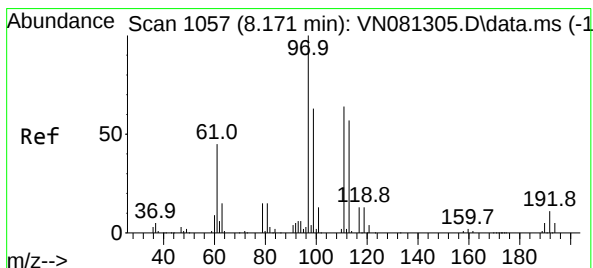
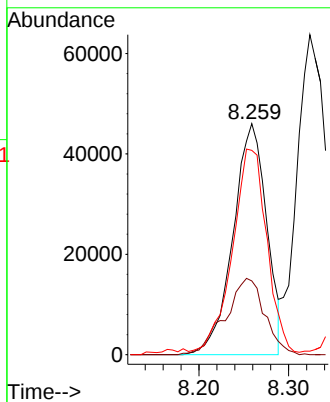
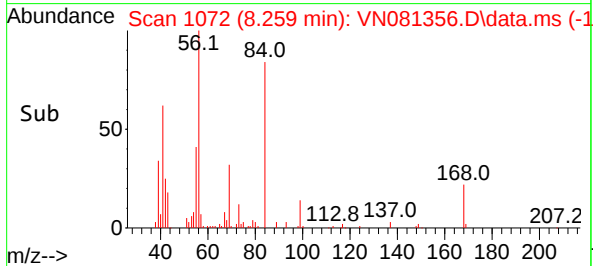
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 56 Resp: 119460
Ion Ratio Lower Upper
56 100
69 32.0 20.1 30.1
84 87.2 56.9 85.3

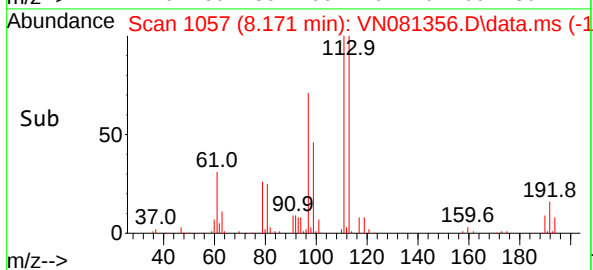
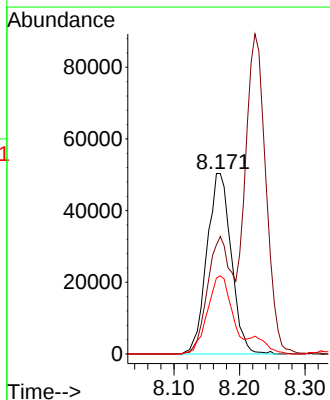
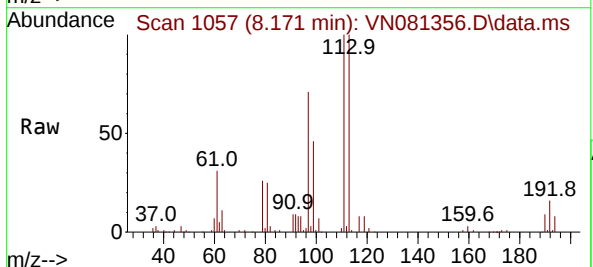
Manual Integrations
APPROVED

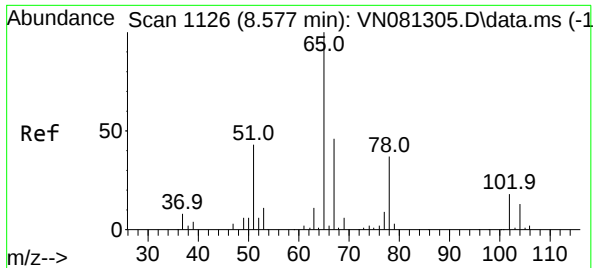
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#32
1,1,1-Trichloroethane
Concen: 20.396 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 97 Resp: 130028
Ion Ratio Lower Upper
97 100
99 64.6 53.4 80.0
61 43.5 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.863 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

Tgt Ion: 65 Resp: 225910

Ion Ratio Lower Upper

65 100

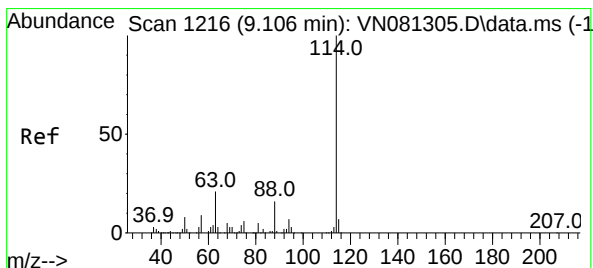
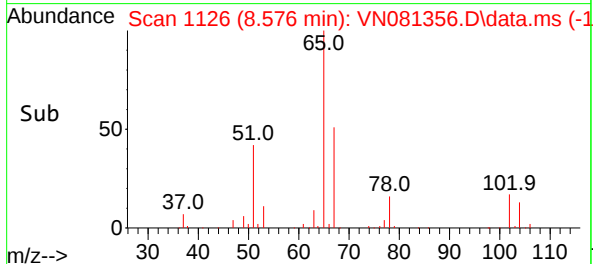
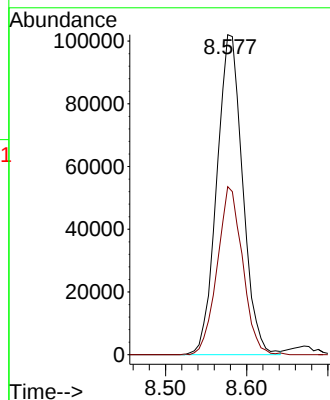
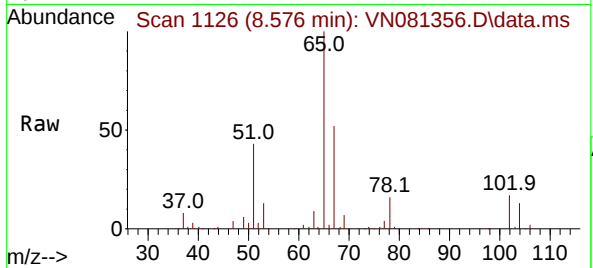
67 51.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

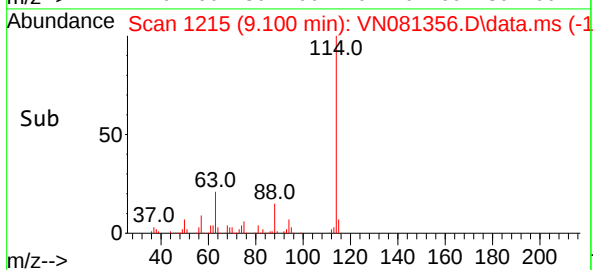
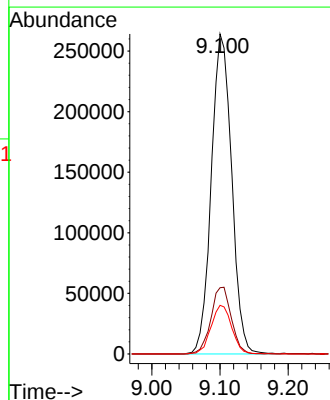
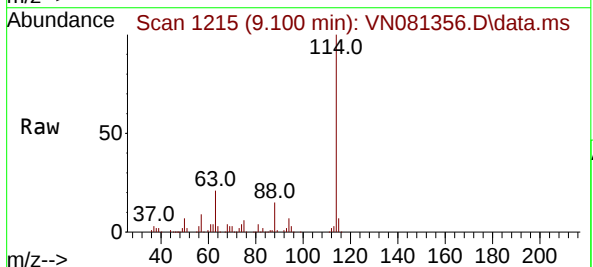
Tgt Ion:114 Resp: 548745

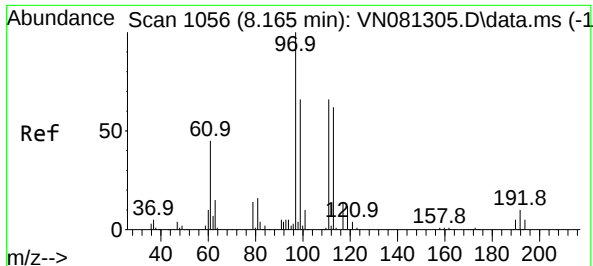
Ion Ratio Lower Upper

114 100

63 20.7 0.0 48.0

88 15.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.448 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

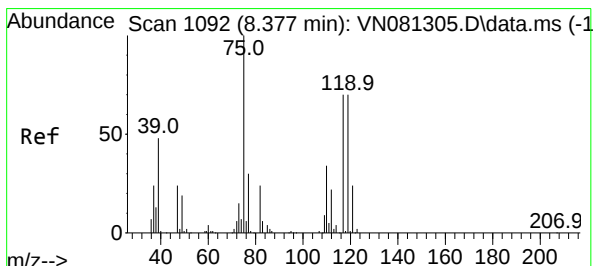
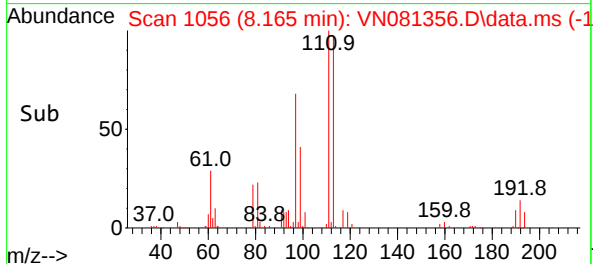
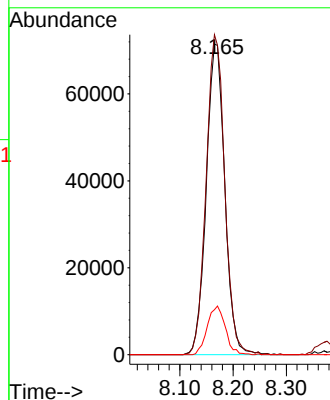
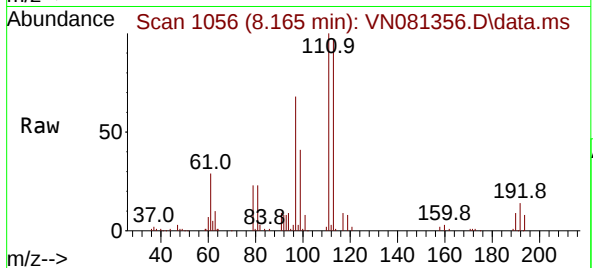
Tgt Ion:	113	Resp:	17296
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	15.2	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#36

1,1-Dichloropropene

Concen: 19.660 ug/l

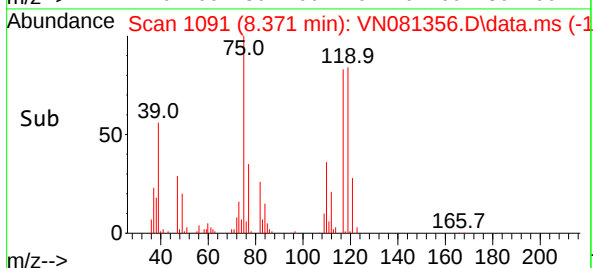
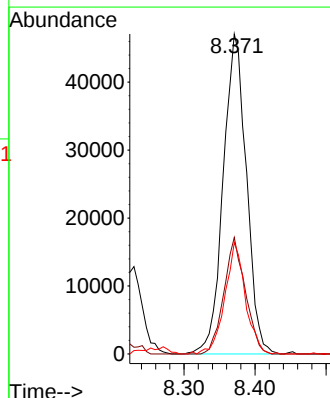
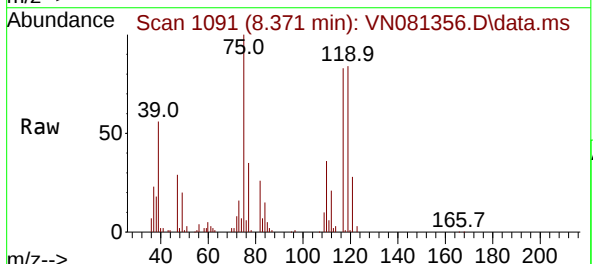
RT: 8.371 min Scan# 1091

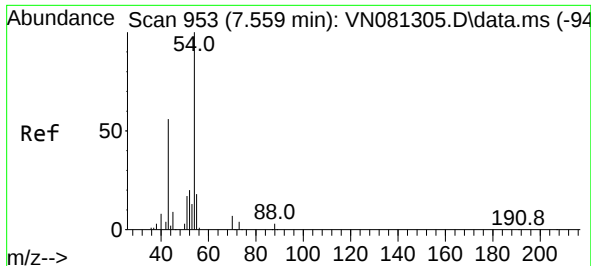
Delta R.T. -0.006 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

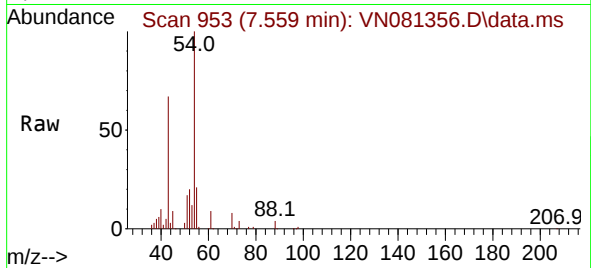
Tgt Ion:	75	Resp:	106632
Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.0	48.0
77	31.0	25.8	38.6





#37
Ethyl Acetate
Concen: 19.072 ug/l
RT: 7.559 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

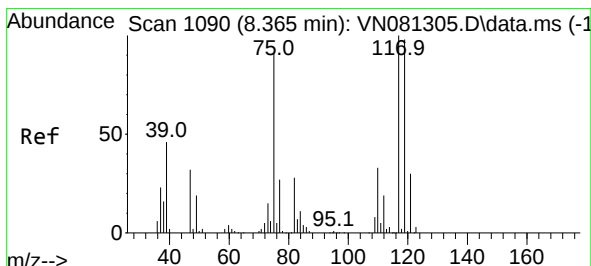
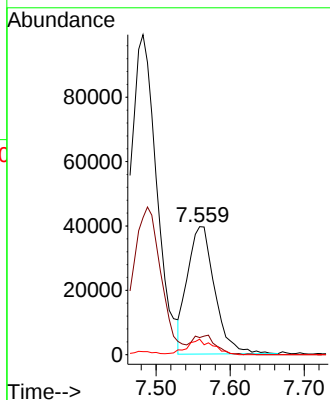
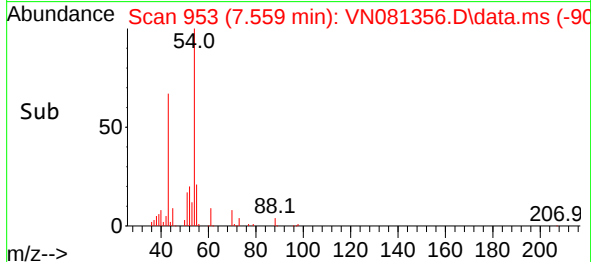
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 43 Resp: 10112
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 11.7 8.0 12.0

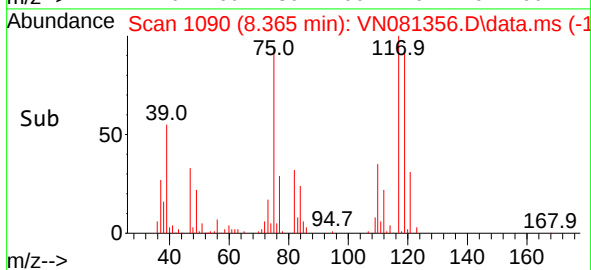
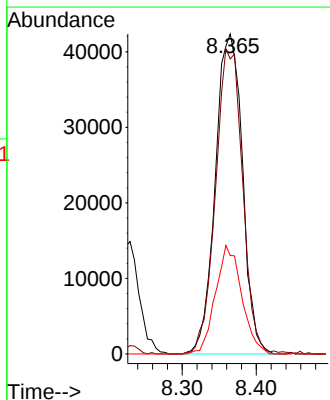
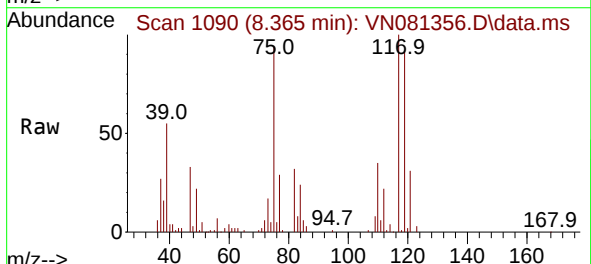
Manual Integrations
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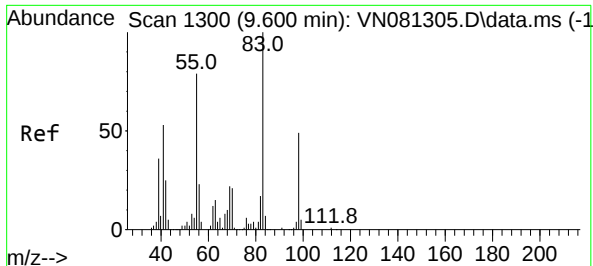
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#38
Carbon Tetrachloride
Concen: 19.713 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion:117 Resp: 107610
Ion Ratio Lower Upper
117 100
119 92.2 73.4 110.2
121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 19.077 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

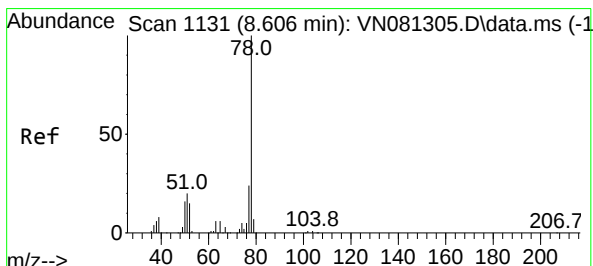
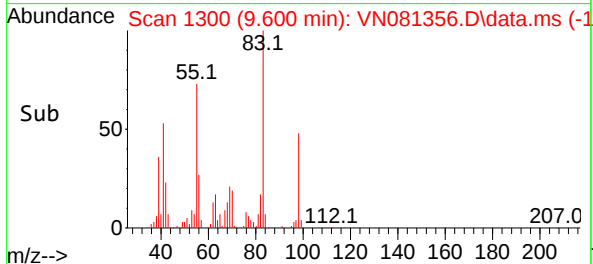
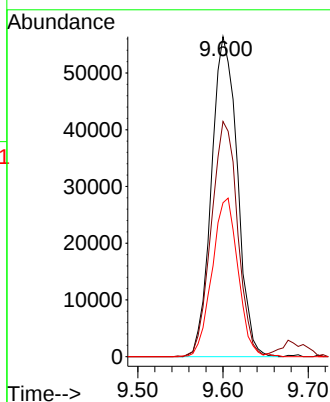
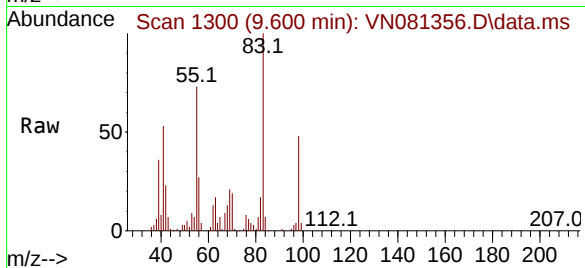
Tgt Ion:	83	Resp:	11908
Ion Ratio	Lower	Upper	
83	100		
55	73.2	65.7	98.5
98	48.1	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#40

Benzene

Concen: 19.238 ug/l

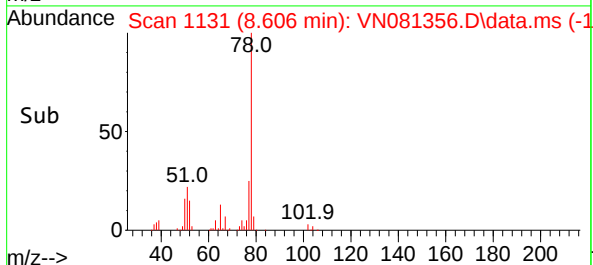
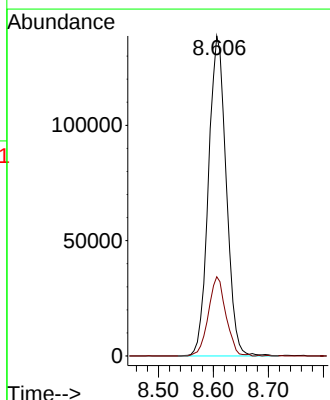
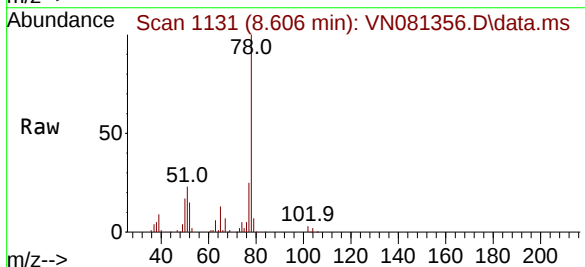
RT: 8.606 min Scan# 1131

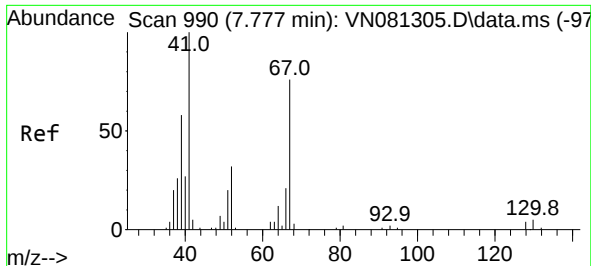
Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

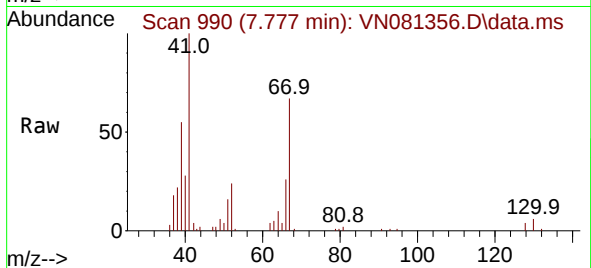
Tgt Ion:	78	Resp:	311458
Ion Ratio	Lower	Upper	
78	100		
77	24.7	20.4	30.6





#41
Methacrylonitrile
Concen: 20.350 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

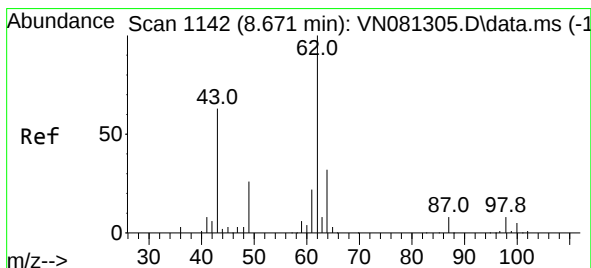
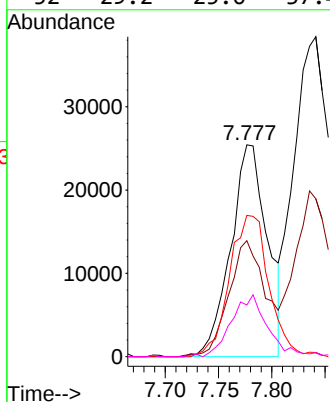
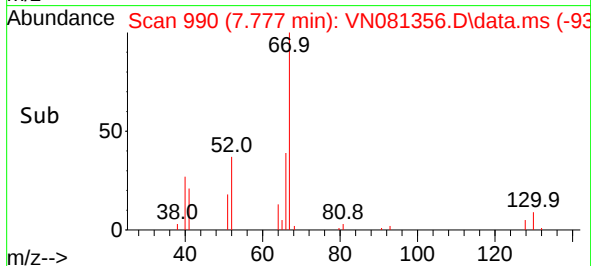
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 41 Resp: 6093
Ion Ratio Lower Upper
41 100
39 55.1 48.4 72.6
67 71.8 56.8 85.2
52 29.2 25.0 37.4

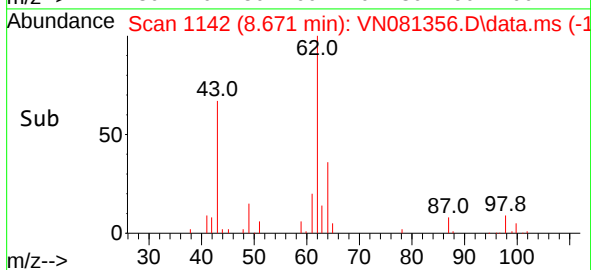
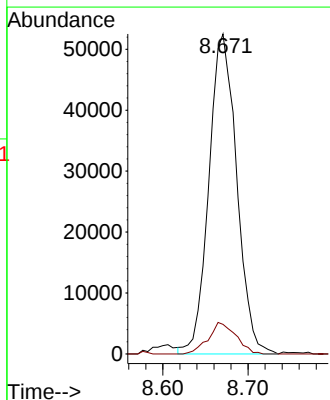
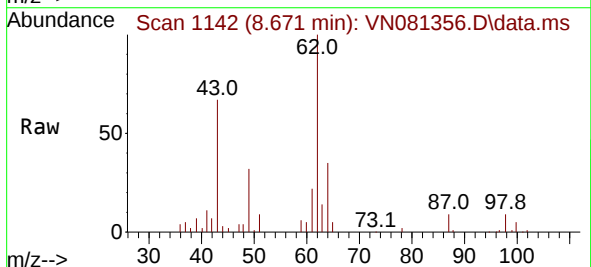
Manual Integrations
APPROVED

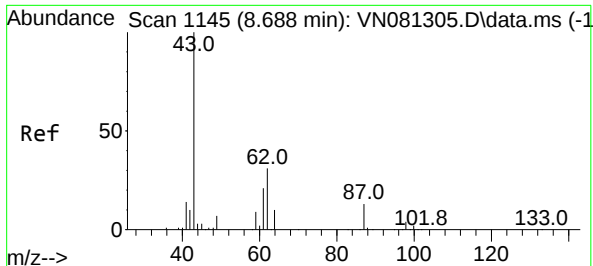
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#42
1,2-Dichloroethane
Concen: 20.904 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

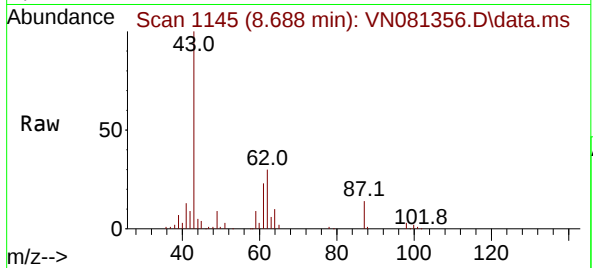
Tgt Ion: 62 Resp: 119325
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.0





#43
Isopropyl Acetate
Concen: 19.276 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

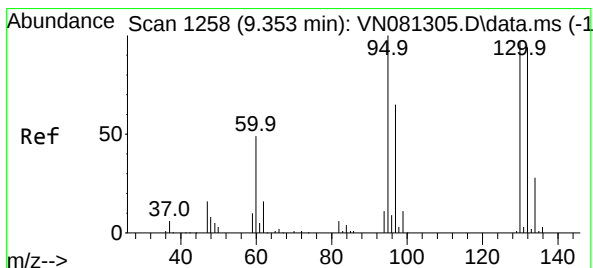
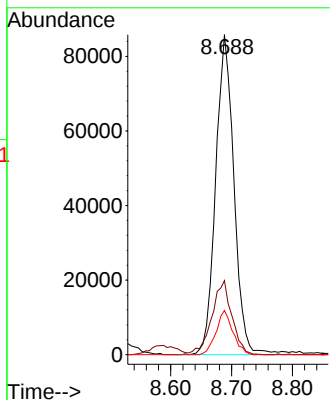
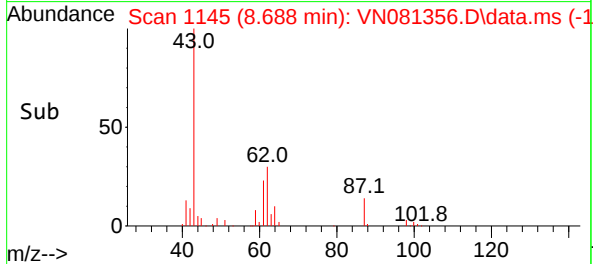
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 43 Resp: 17888
Ion Ratio Lower Upper
43 100
61 25.3 19.9 29.9
87 12.7 9.0 13.6

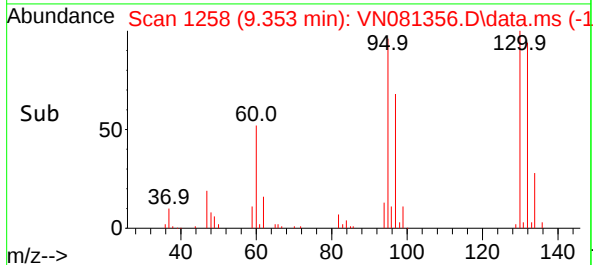
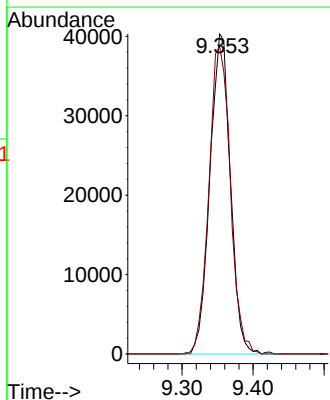
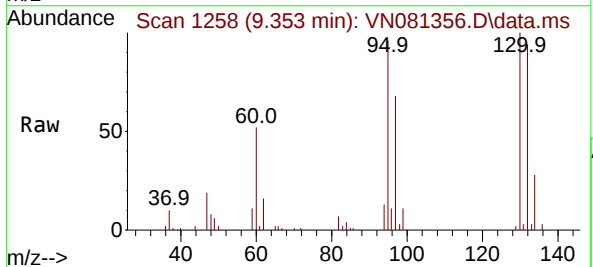
Manual Integrations
APPROVED

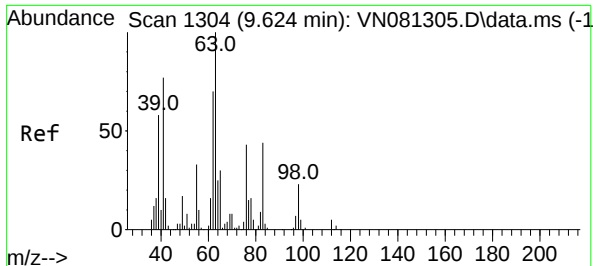
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#44
Trichloroethene
Concen: 19.723 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion:130 Resp: 80533
Ion Ratio Lower Upper
130 100
95 96.1 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.684 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

Tgt Ion: 63 Resp: 8005

Ion Ratio Lower Upper

63 100

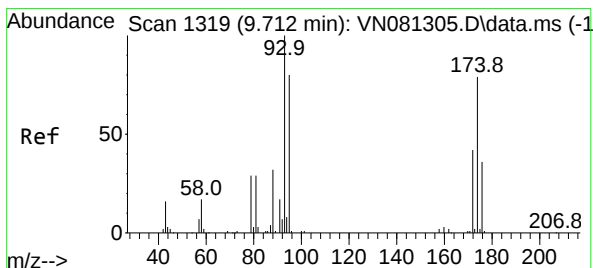
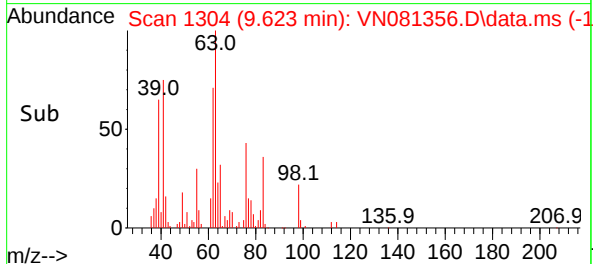
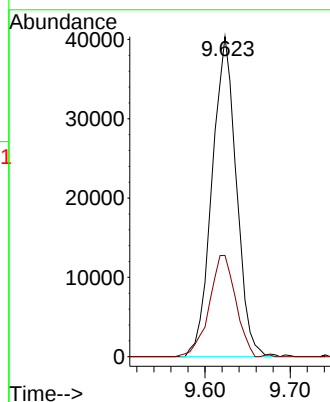
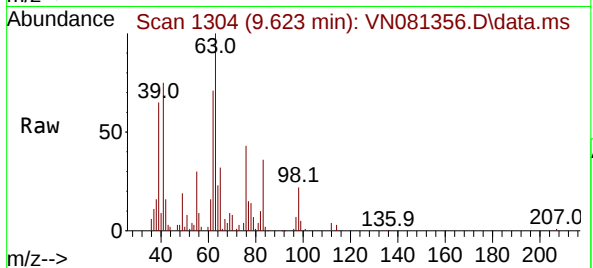
65 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#46

Dibromomethane

Concen: 20.900 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

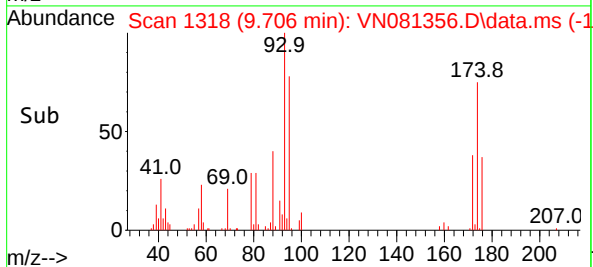
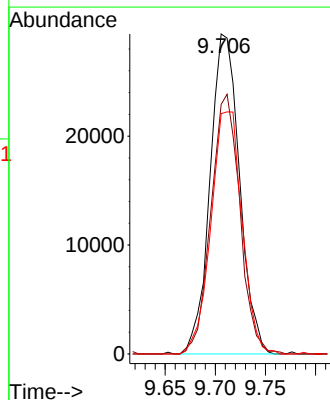
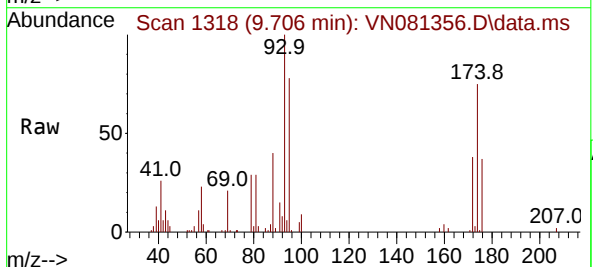
Tgt Ion: 93 Resp: 59912

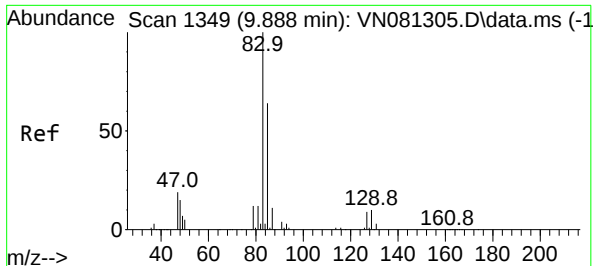
Ion Ratio Lower Upper

93 100

95 79.7 68.1 102.1

174 80.0 57.2 85.8





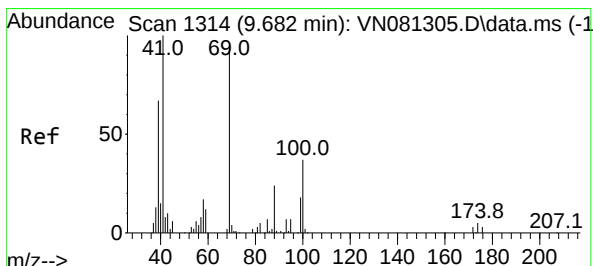
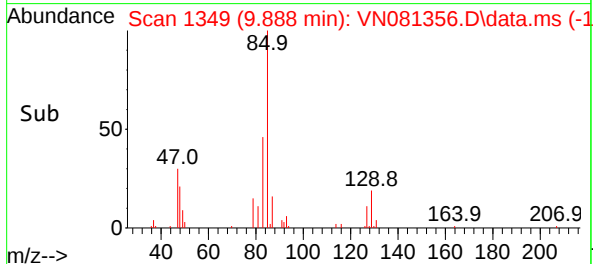
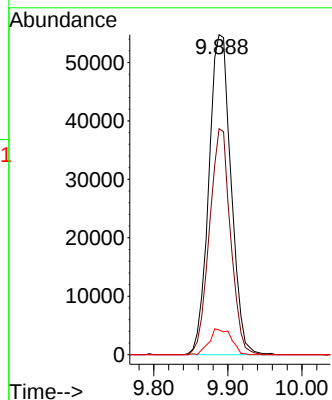
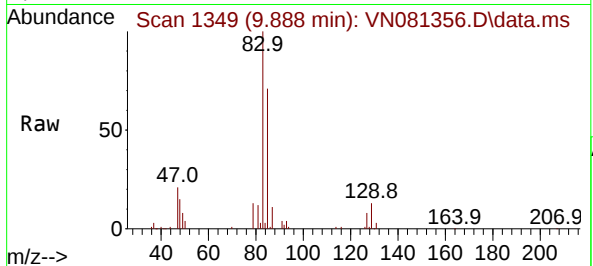
#47
Bromodichloromethane
Concen: 20.449 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 83 Resp: 113800
Ion Ratio Lower Upper
83 100
85 70.6 52.3 78.5
127 7.7 4.6 7.0

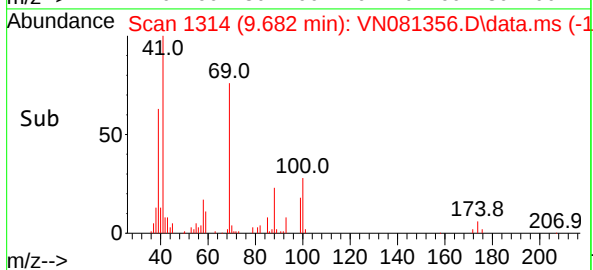
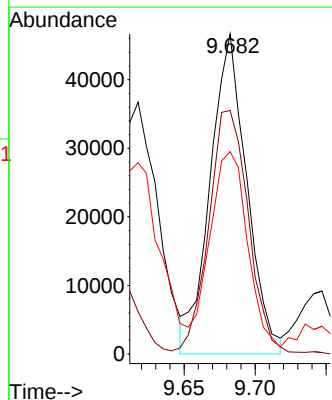
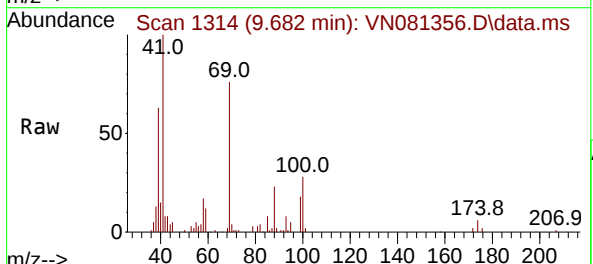
Manual Integrations
APPROVED

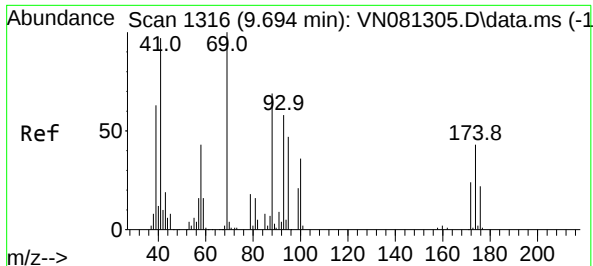
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#48
Methyl methacrylate
Concen: 20.380 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 41 Resp: 83600
Ion Ratio Lower Upper
41 100
69 82.8 62.2 93.2
39 66.3 47.6 71.4





#49

1,4-Dioxane

Concen: 384.248 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

Tgt Ion: 88 Resp: 3474

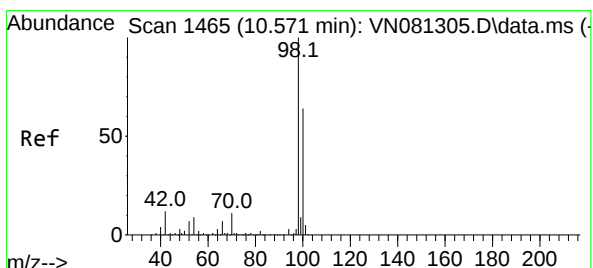
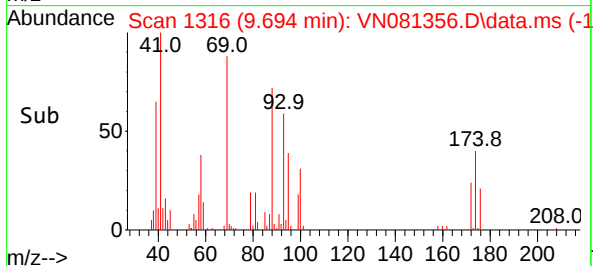
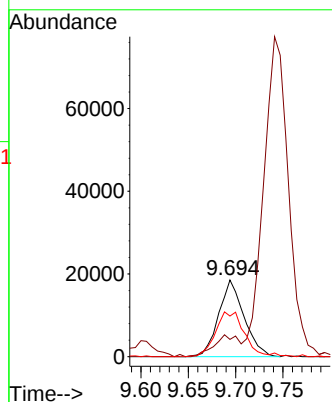
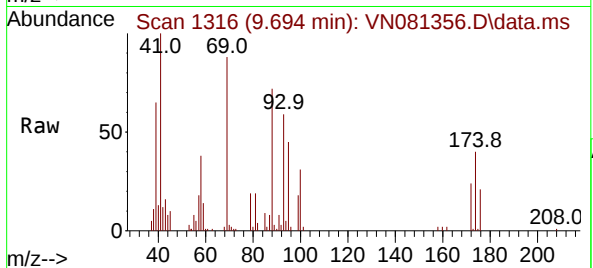
Ion	Ratio	Lower	Upper
88	100		
43	27.3	30.1	45.1
58	66.9	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#50

Toluene-d8

Concen: 51.606 ug/l

RT: 10.565 min Scan# 1464

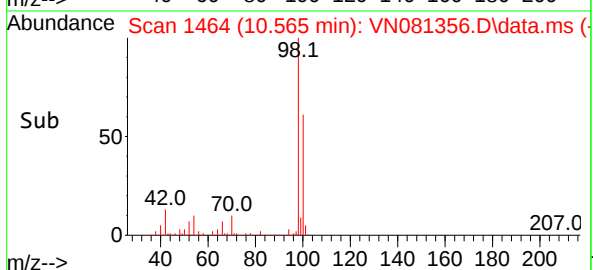
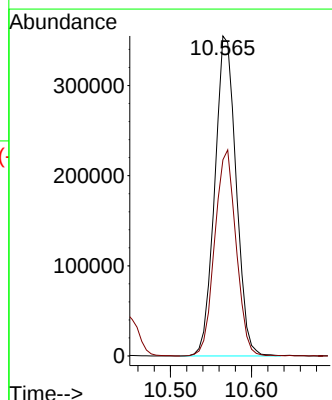
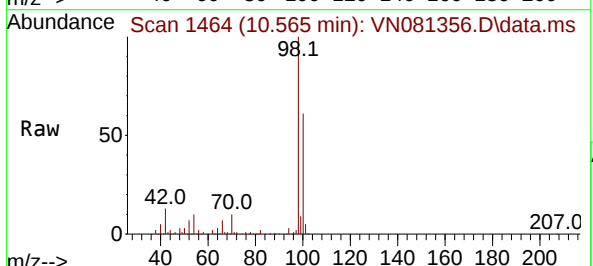
Delta R.T. -0.006 min

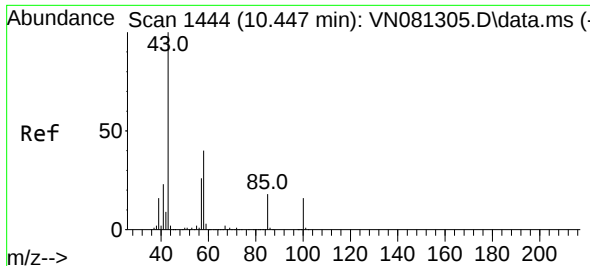
Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Tgt Ion: 98 Resp: 648571

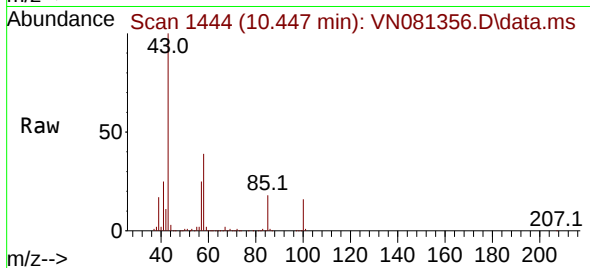
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 102.021 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

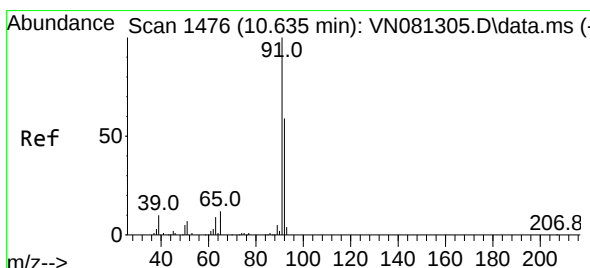
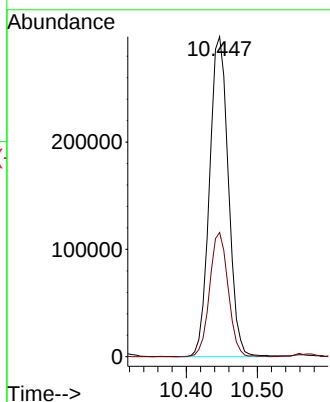
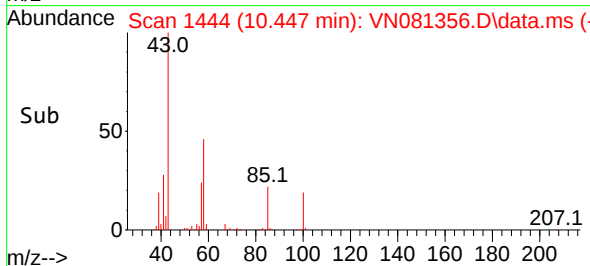
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 43 Resp: 549740
Ion Ratio Lower Upper
43 100
58 38.1 29.4 44.0

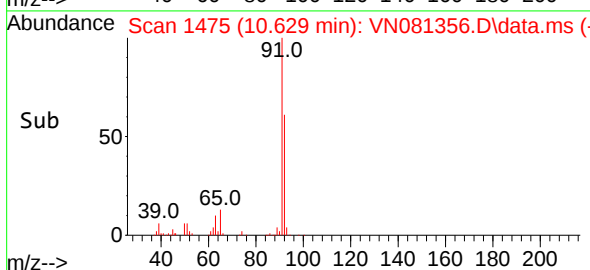
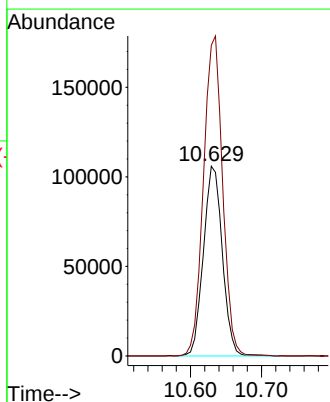
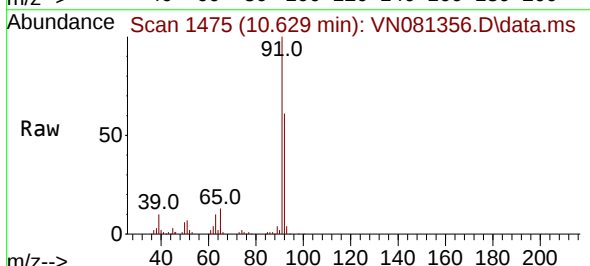
Manual Integrations
APPROVED

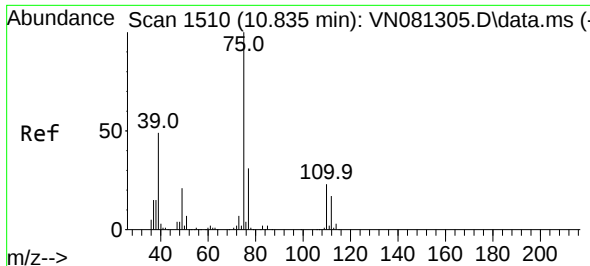
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#52
Toluene
Concen: 20.073 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

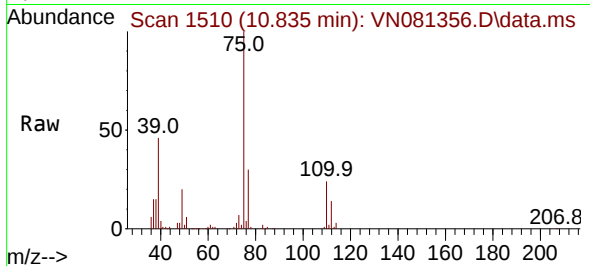
Tgt Ion: 92 Resp: 196313
Ion Ratio Lower Upper
92 100
91 170.2 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 20.546 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

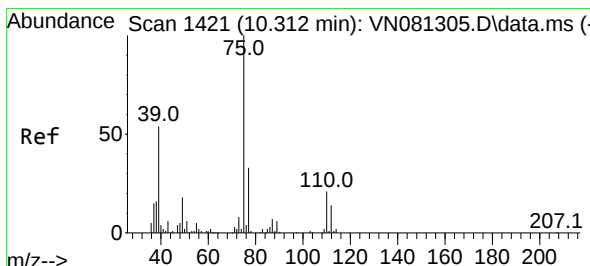
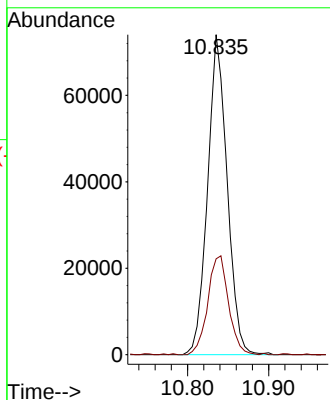
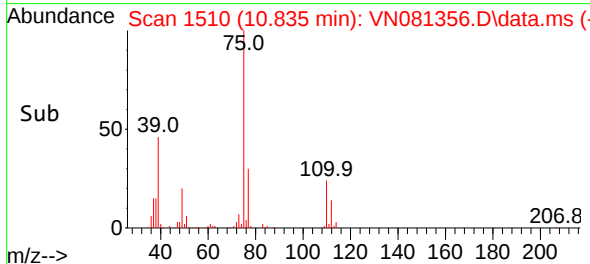
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



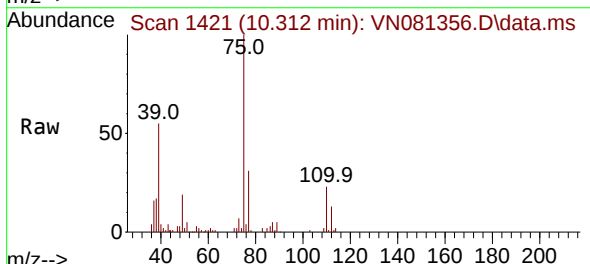
Tgt Ion: 75 Resp: 123710
Ion Ratio Lower Upper
75 100
77 30.0 25.5 38.3

Manual Integrations
APPROVED

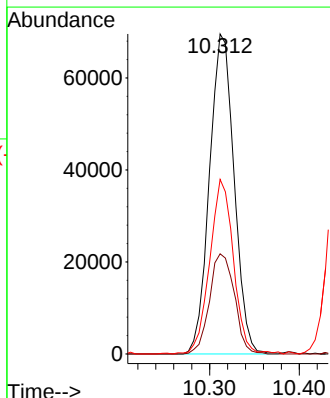
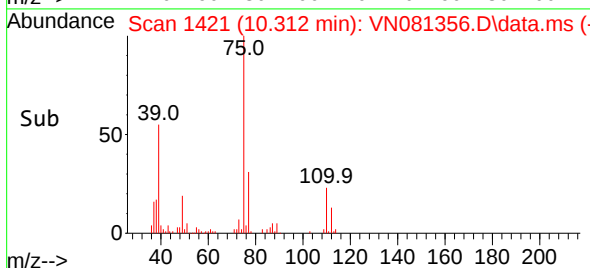
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

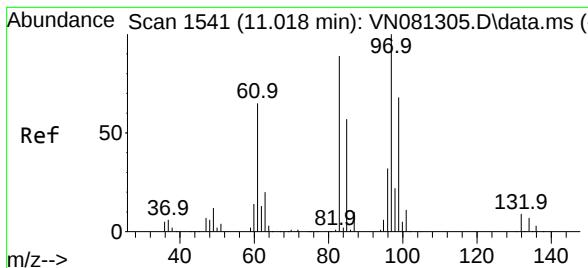


#54
cis-1,3-Dichloropropene
Concen: 20.413 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17



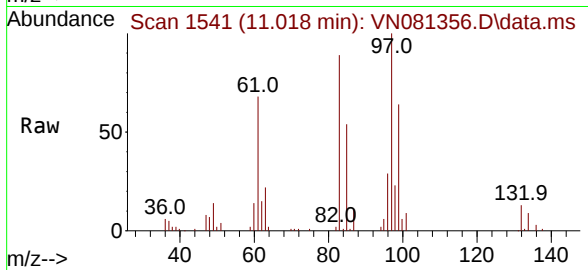
Tgt Ion: 75 Resp: 132688
Ion Ratio Lower Upper
75 100
77 31.3 23.3 34.9
39 54.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.712 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

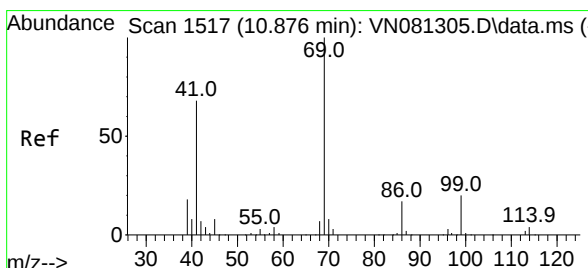
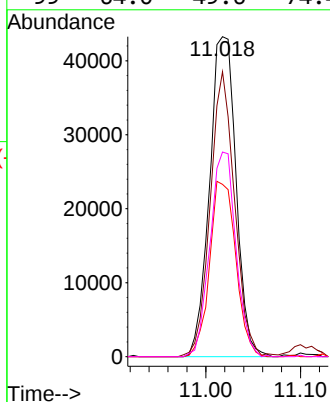
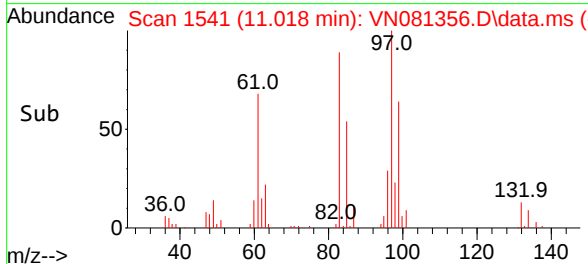
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



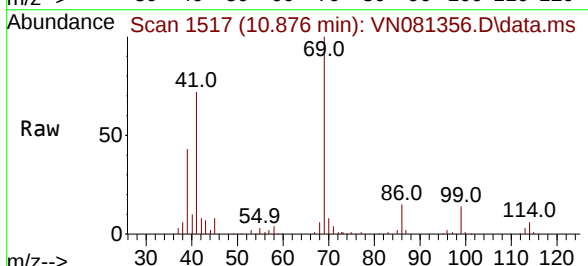
Tgt Ion: 97 Resp: 8420
Ion Ratio Lower Upper
97 100
83 89.1 72.9 109.3
85 53.8 50.2 75.2
99 64.0 49.6 74.4

Manual Integrations
APPROVED

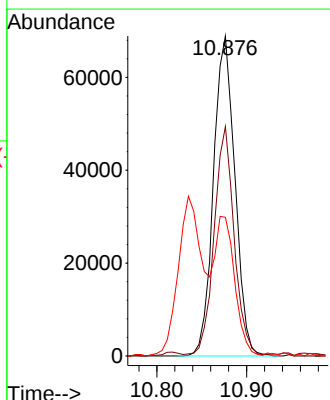
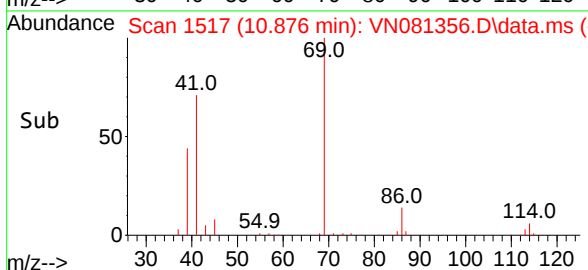
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

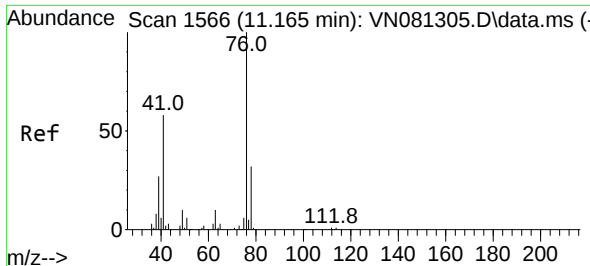


#56
Ethyl methacrylate
Concen: 20.537 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17



Tgt Ion: 69 Resp: 114370
Ion Ratio Lower Upper
69 100
41 66.0 61.0 91.6
39 39.9 31.8 47.6





#57

1,3-Dichloropropane

Concen: 20.128 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

Tgt Ion: 76 Resp: 136240

Ion Ratio Lower Upper

76 100

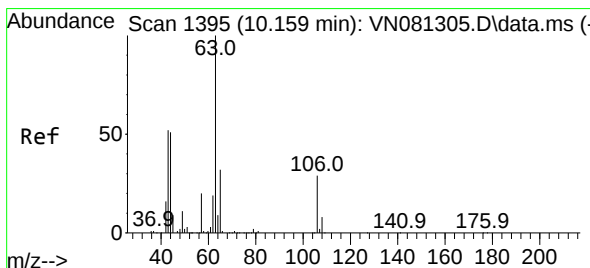
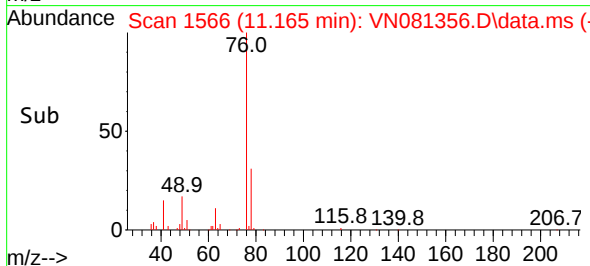
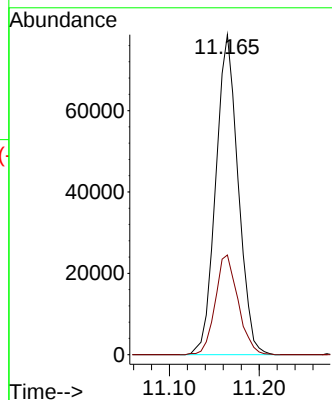
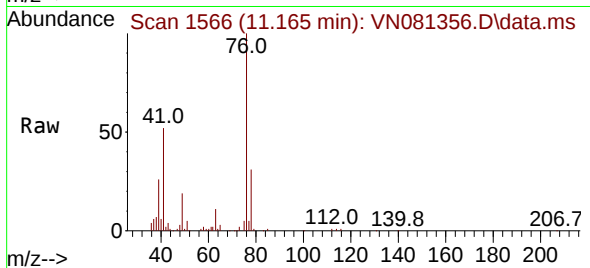
78 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#58

2-Chloroethyl Vinyl ether

Concen: 94.576 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081356.D

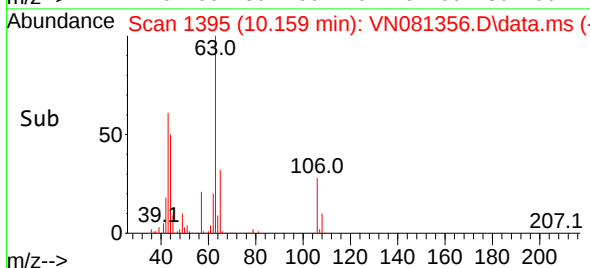
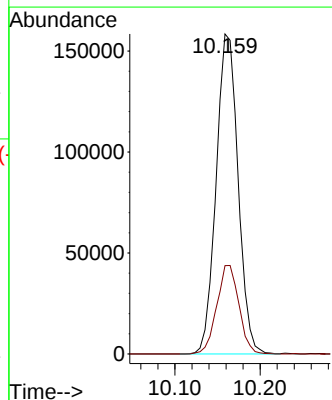
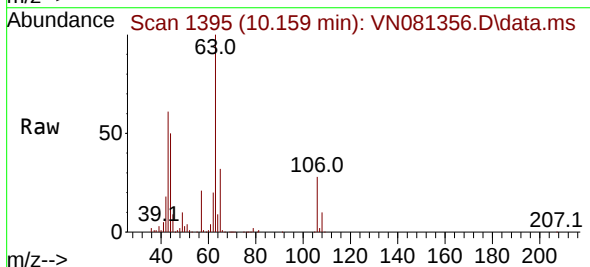
Acq: 11 Mar 2024 12:17

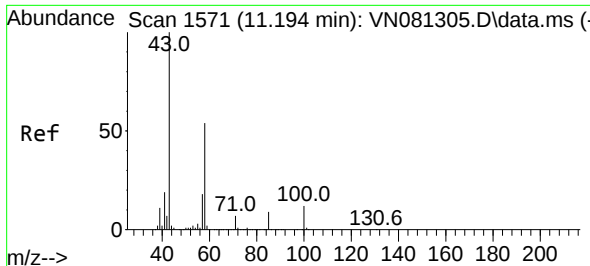
Tgt Ion: 63 Resp: 283308

Ion Ratio Lower Upper

63 100

106 27.9 18.6 28.0





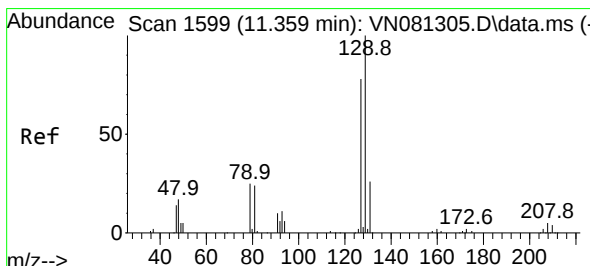
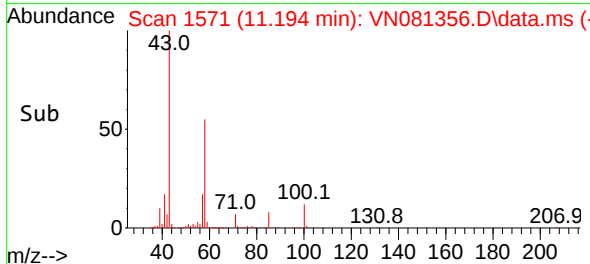
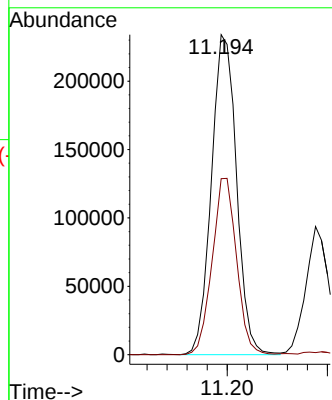
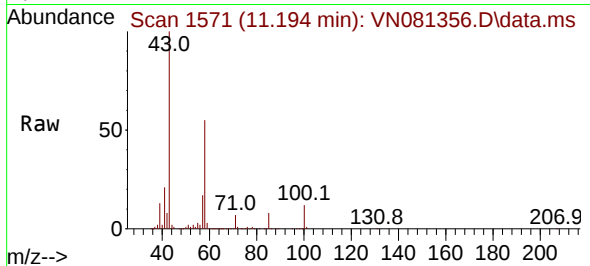
#59
2-Hexanone
Concen: 101.187 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 43 Resp: 40761
Ion Ratio Lower Upper
43 100
58 53.5 25.9 77.8

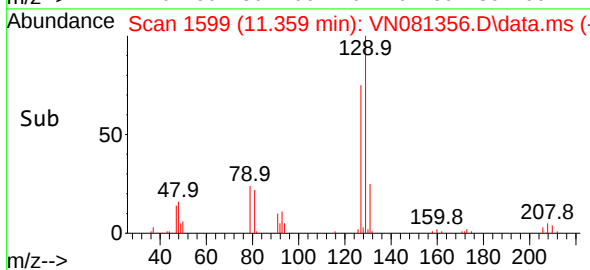
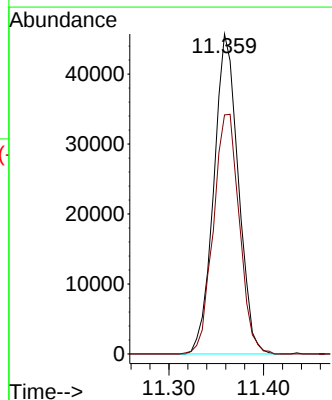
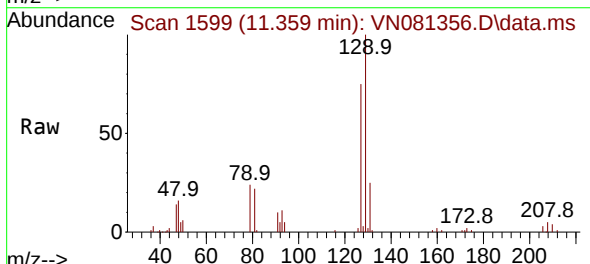
Manual Integrations
APPROVED

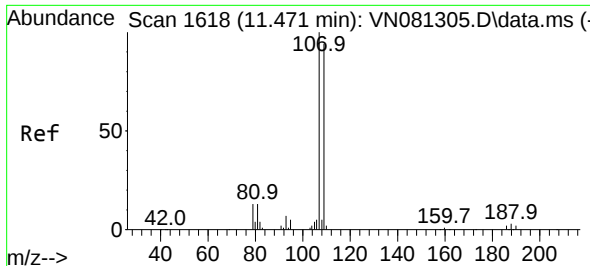
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#60
Dibromochloromethane
Concen: 20.540 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

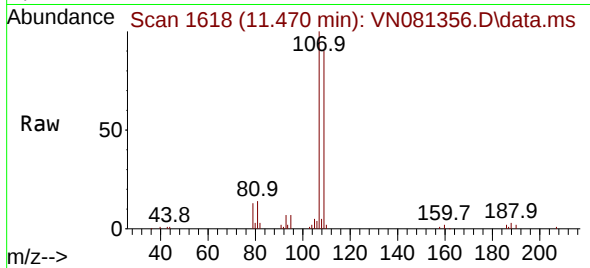
Tgt Ion:129 Resp: 82039
Ion Ratio Lower Upper
129 100
127 79.6 39.4 118.2





#61
1,2-Dibromoethane
Concen: 20.912 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

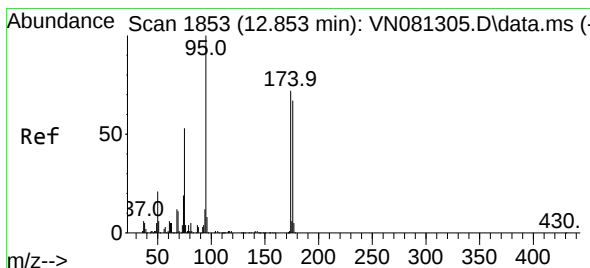
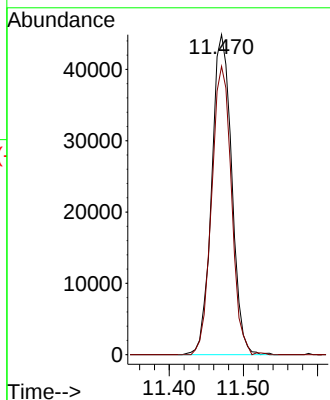
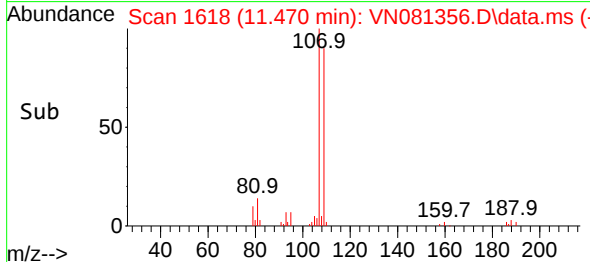
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



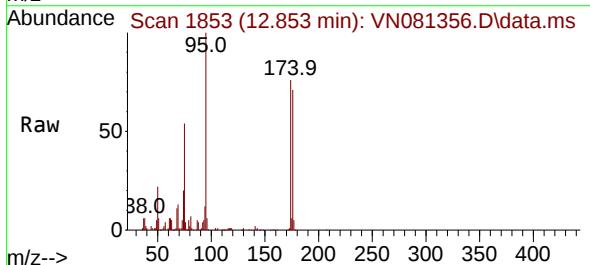
Tgt Ion: 107 Resp: 84149
Ion Ratio Lower Upper
107 100
109 89.0 73.4 110.2

Manual Integrations
APPROVED

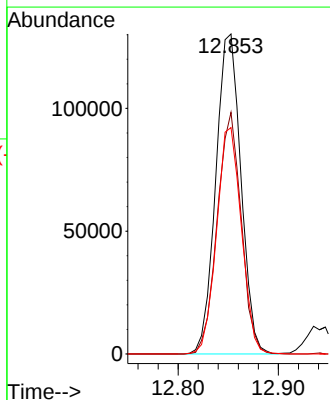
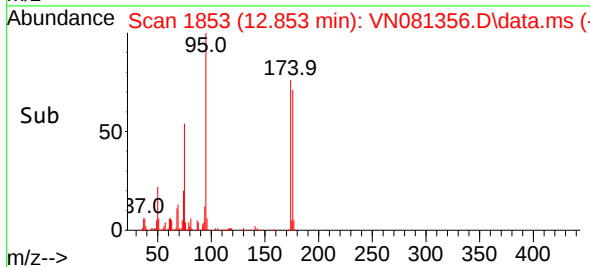
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

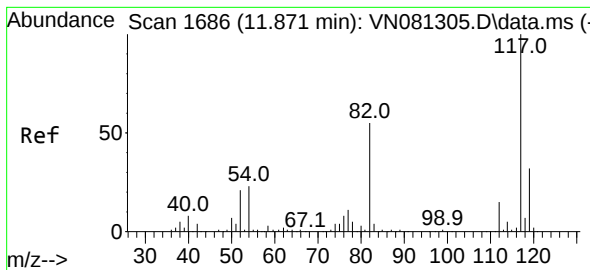


#62
4-Bromofluorobenzene
Concen: 51.095 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17



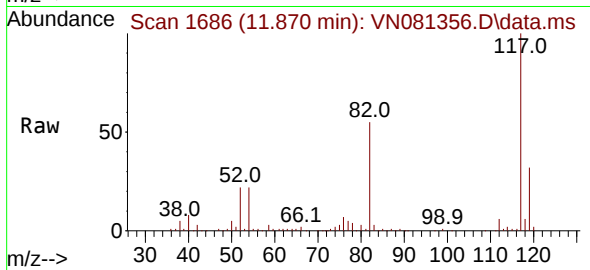
Tgt Ion: 95 Resp: 226961
Ion Ratio Lower Upper
95 100
174 71.9 0.0 120.4
176 69.9 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

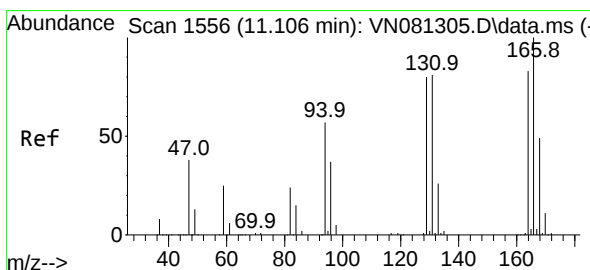
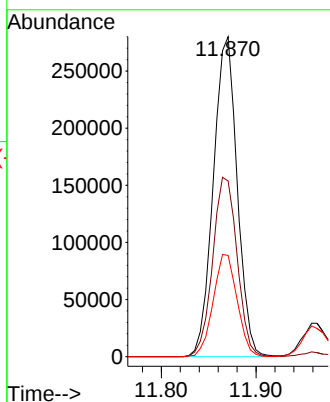
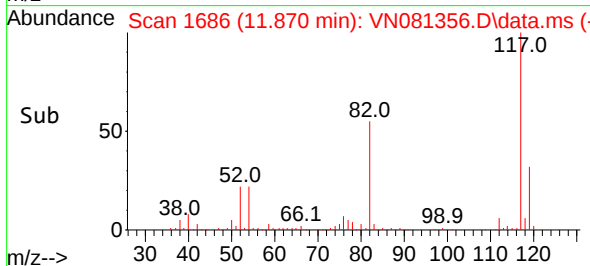
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion:117 Resp: 49114
Ion Ratio Lower Upper
117 100
82 54.9 52.7 79.1
119 31.6 25.3 37.9

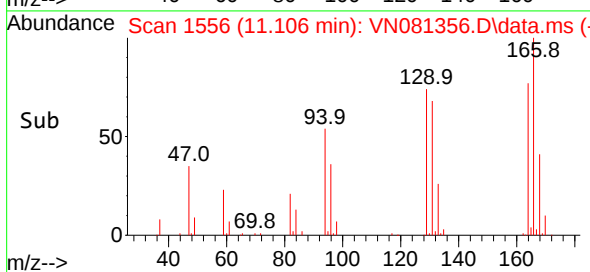
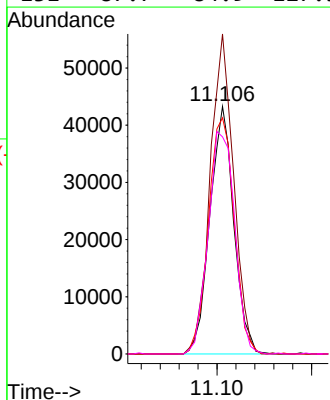
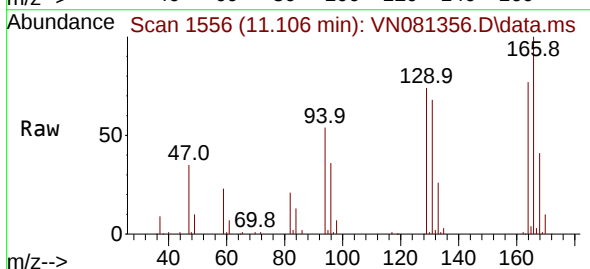
Manual Integrations
APPROVED

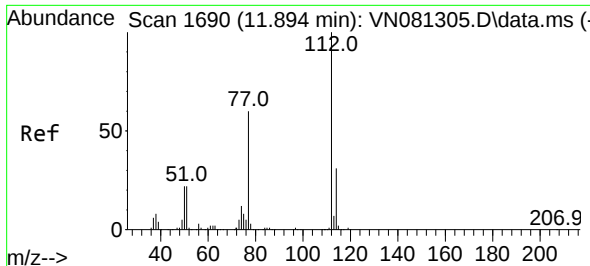
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#64
Tetrachloroethene
Concen: 19.692 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

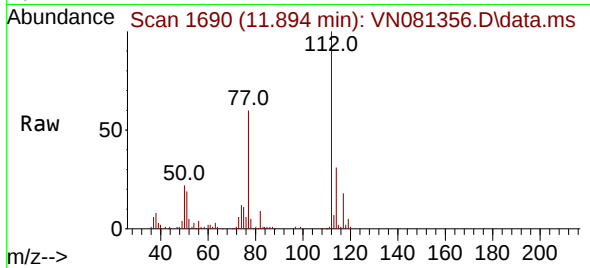
Tgt Ion:164 Resp: 75730
Ion Ratio Lower Upper
164 100
166 129.3 105.8 158.6
129 95.4 89.6 134.4
131 87.7 84.9 127.3





#65
Chlorobenzene
Concen: 19.930 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

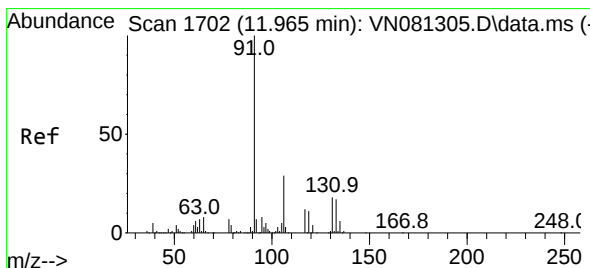
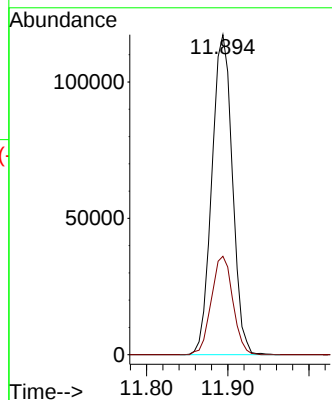
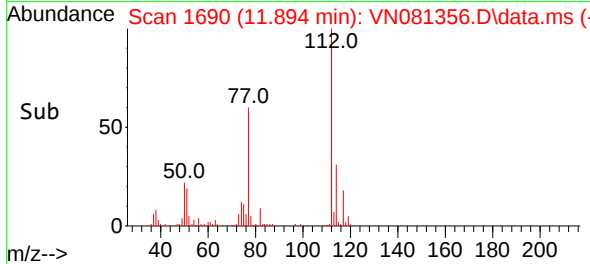
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion:112 Resp: 20626
Ion Ratio Lower Upper
112 100
114 30.7 23.7 35.5

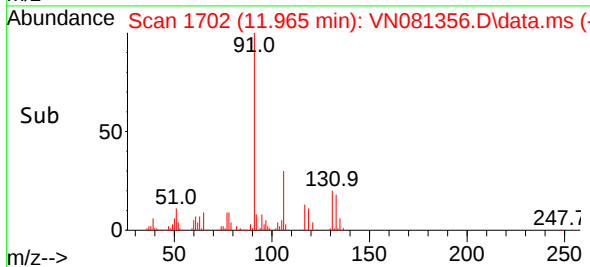
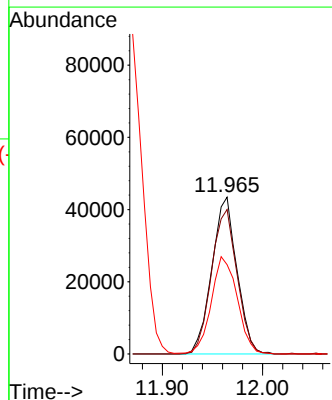
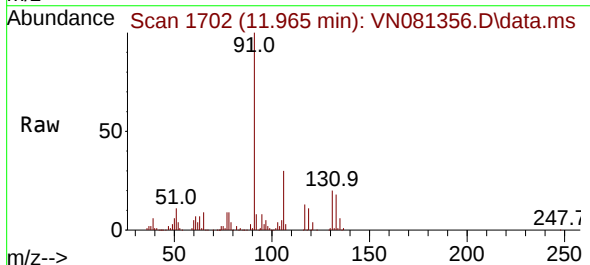
Manual Integrations
APPROVED

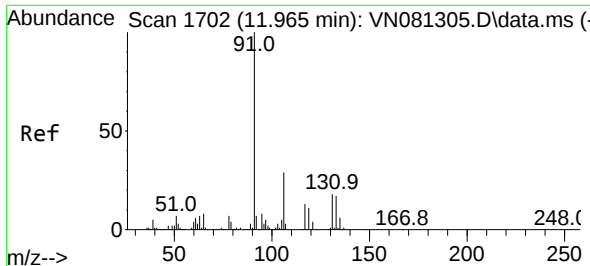
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.960 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

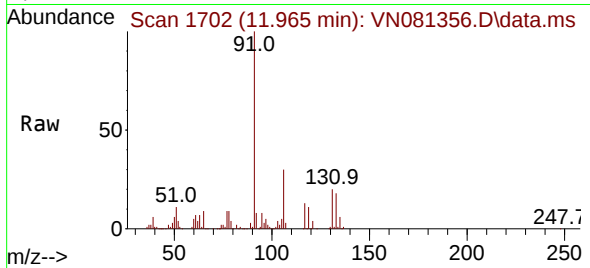
Tgt Ion:131 Resp: 75594
Ion Ratio Lower Upper
131 100
133 94.2 46.8 140.3
119 64.2 34.6 103.9





#67
Ethyl Benzene
Concen: 19.488 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

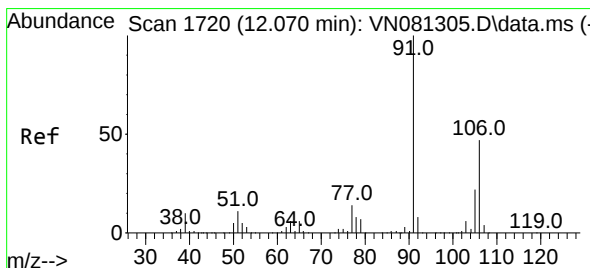
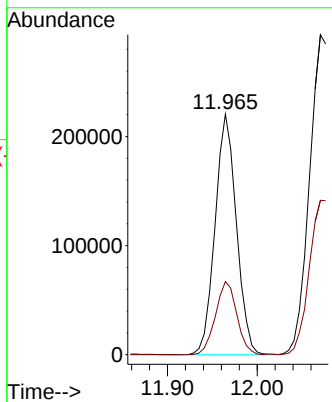
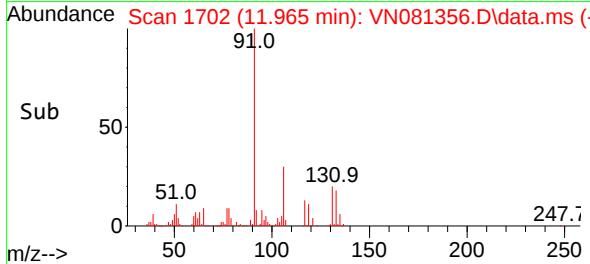
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



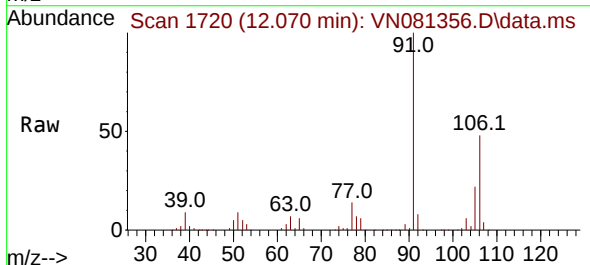
Tgt Ion: 91 Resp: 363320
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

Manual Integrations
APPROVED

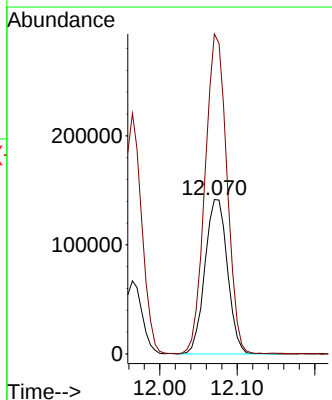
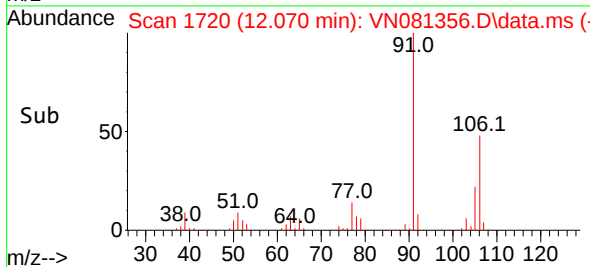
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

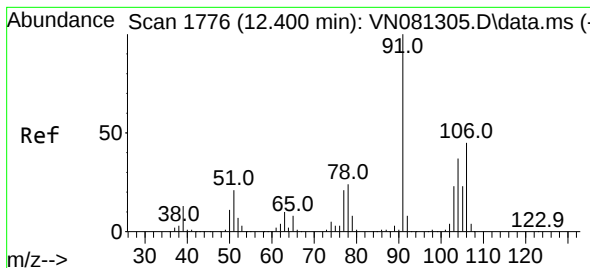


#68
m/p-Xylenes
Concen: 40.800 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17



Tgt Ion:106 Resp: 286264
Ion Ratio Lower Upper
106 100
91 200.5 169.0 253.6





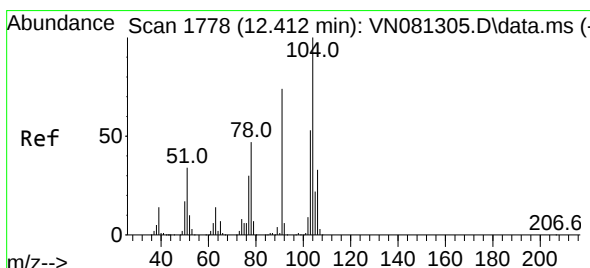
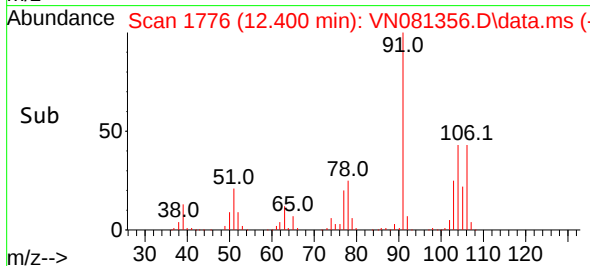
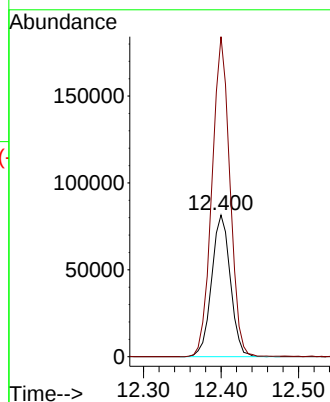
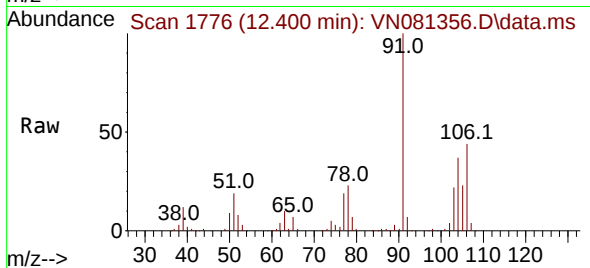
#69
o-Xylene
Concen: 20.143 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion:106 Resp: 136972
Ion Ratio Lower Upper
106 100
91 216.8 112.1 336.3

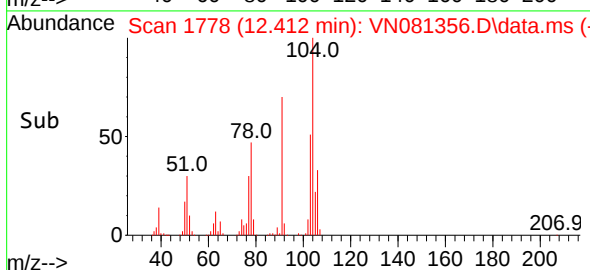
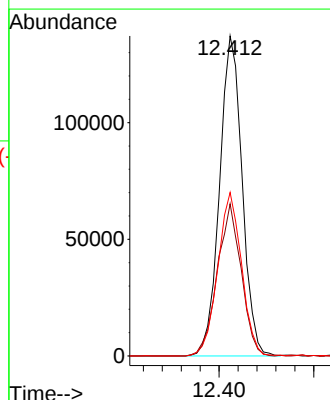
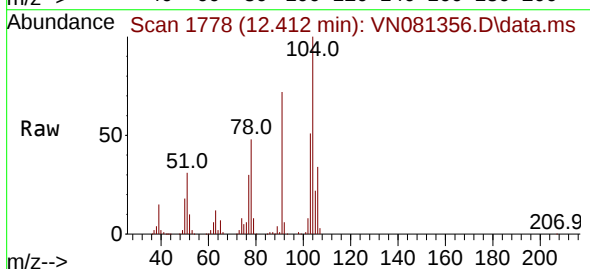
Manual Integrations
APPROVED

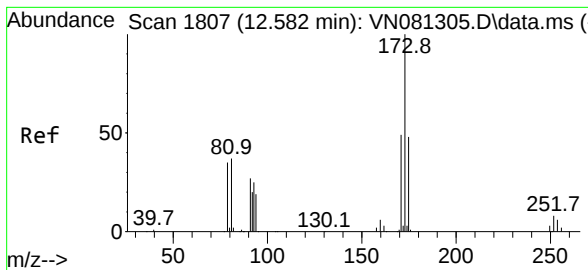
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#70
Styrene
Concen: 21.105 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

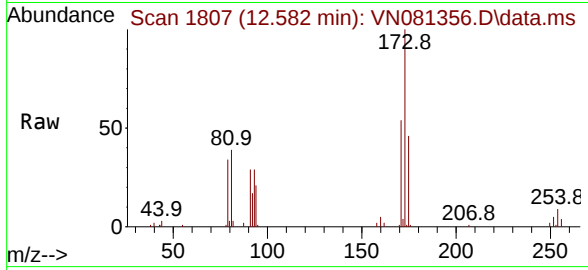
Tgt Ion:104 Resp: 227429
Ion Ratio Lower Upper
104 100
78 50.3 43.8 65.8
103 53.8 44.2 66.2





#71
Bromoform
Concen: 20.309 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

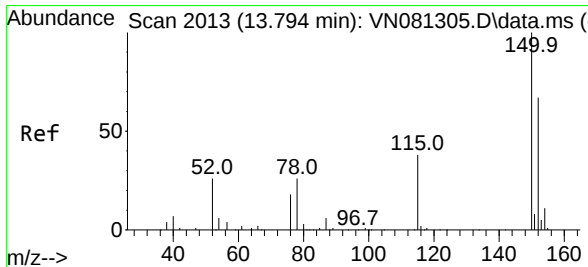
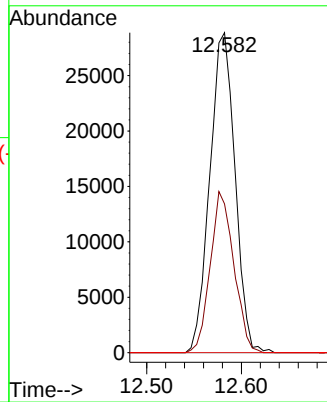
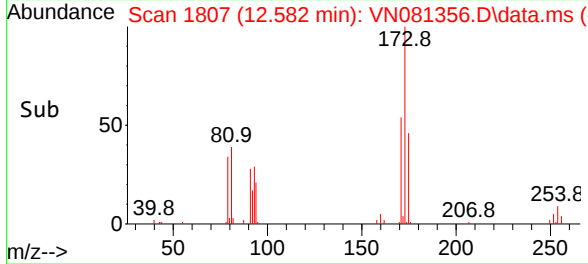
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



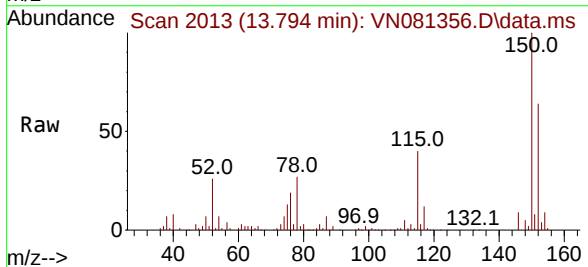
Tgt Ion:173 Resp: 53398
Ion Ratio Lower Upper
173 100
175 47.2 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

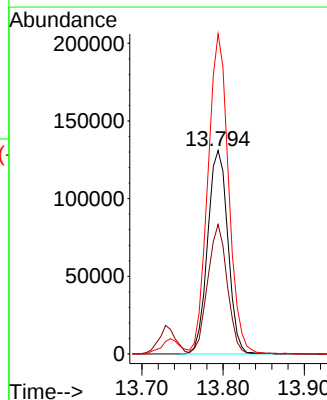
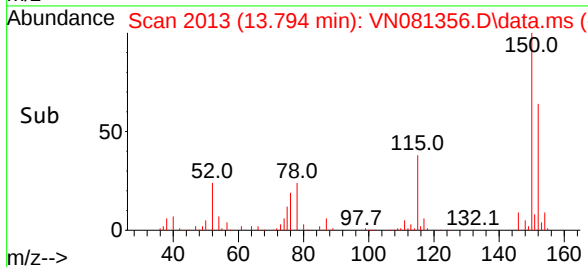
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

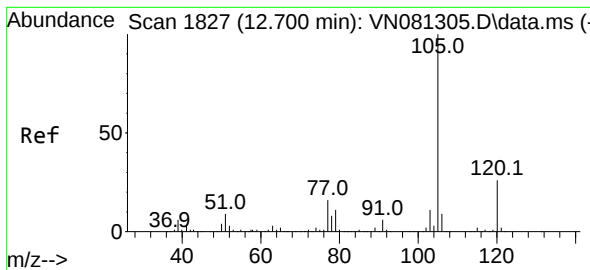


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17



Tgt Ion:152 Resp: 226588
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 161.0 0.0 339.8





#73

Isopropylbenzene

Concen: 19.194 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

Tgt Ion:105 Resp: 351198

Ion Ratio Lower Upper

105 100

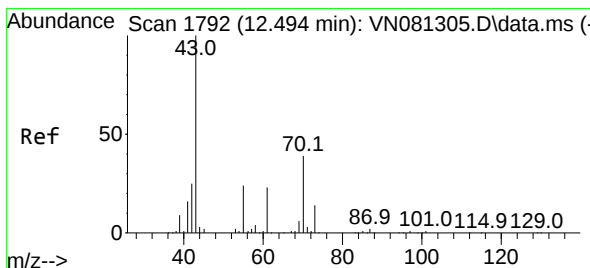
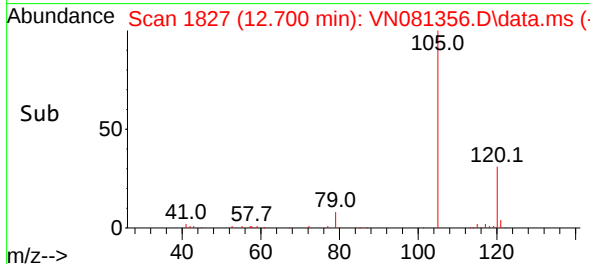
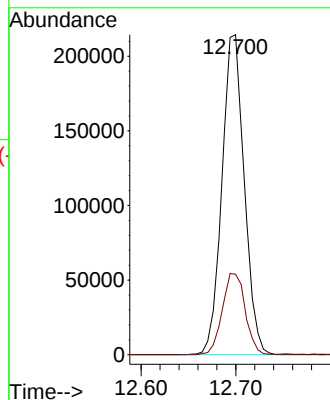
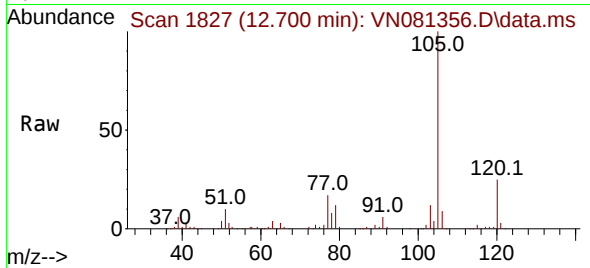
120 26.1 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#74

N-ethyl acetate

Concen: 19.385 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Tgt Ion: 43 Resp: 148821

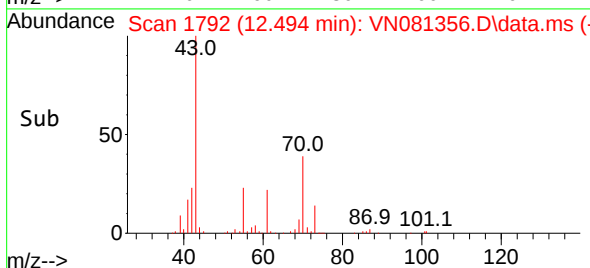
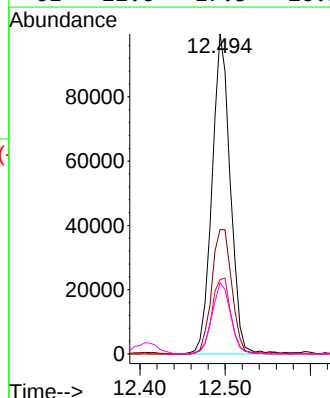
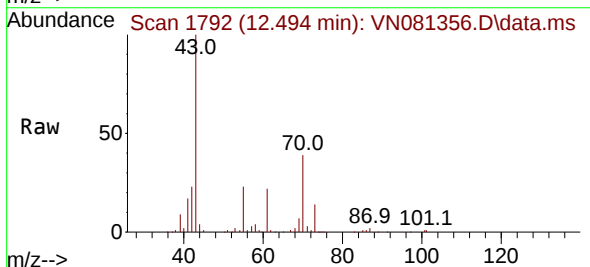
Ion Ratio Lower Upper

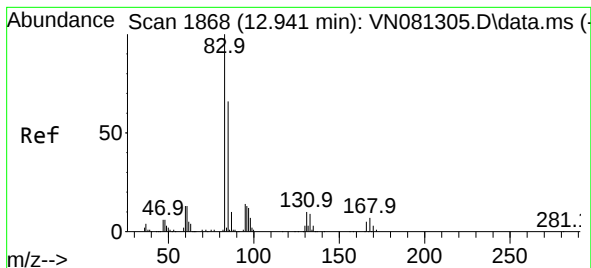
43 100

70 42.6 30.1 45.1

55 24.8 17.0 25.4

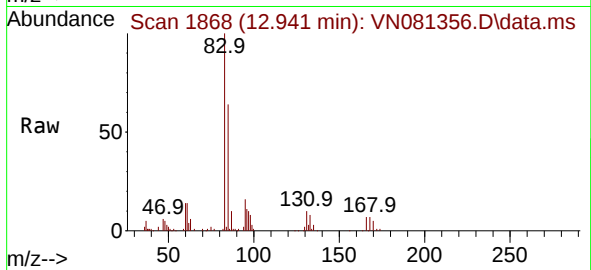
61 22.6 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.120 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

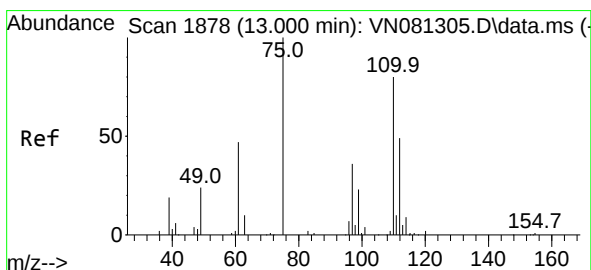
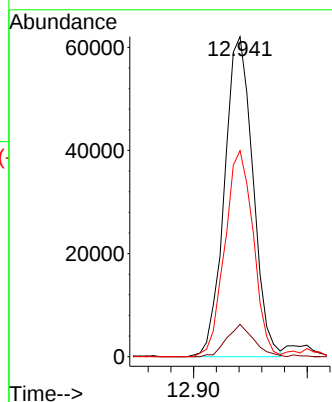
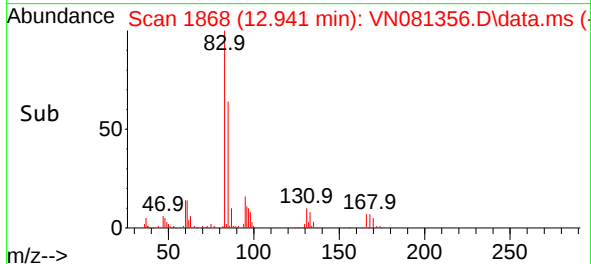
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 83 Resp: 107962
Ion Ratio Lower Upper
83 100
131 9.6 4.1 12.3
85 64.3 32.1 96.3

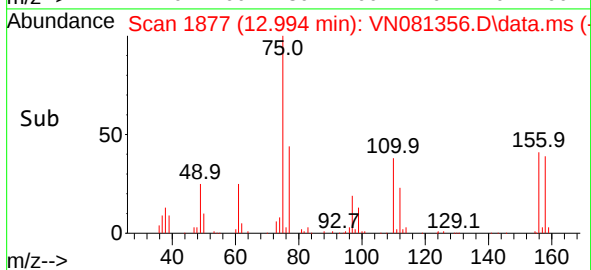
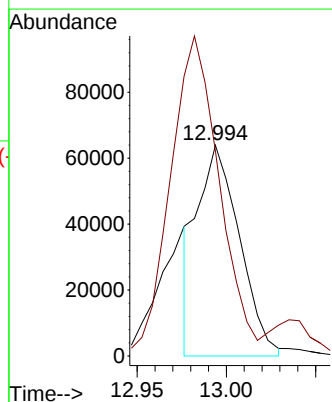
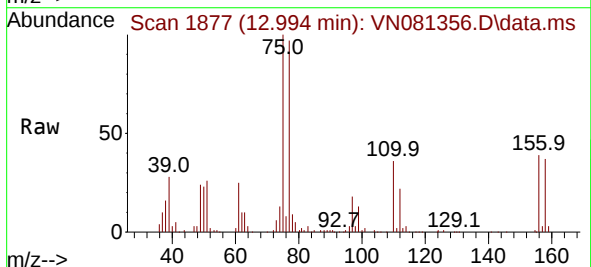
Manual Integrations
APPROVED

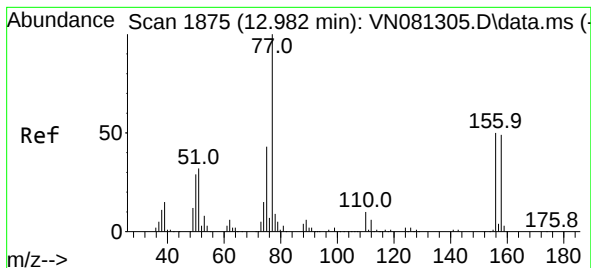
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#76
1,2,3-Trichloropropane
Concen: 19.532 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 75 Resp: 104534
Ion Ratio Lower Upper
75 100
77 177.4 91.0 272.8





#77

Bromobenzene

Concen: 19.039 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

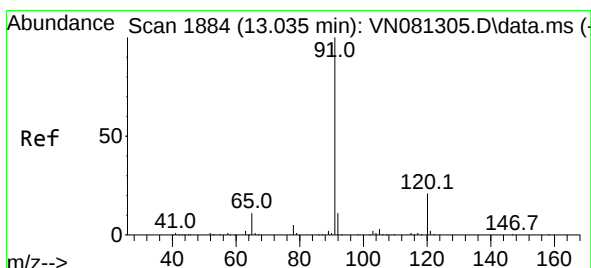
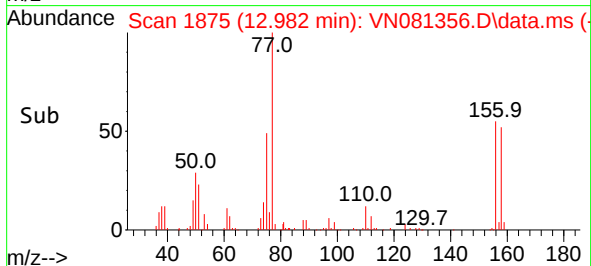
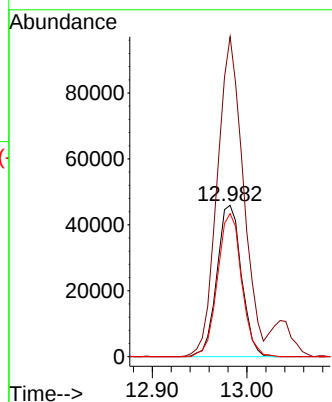
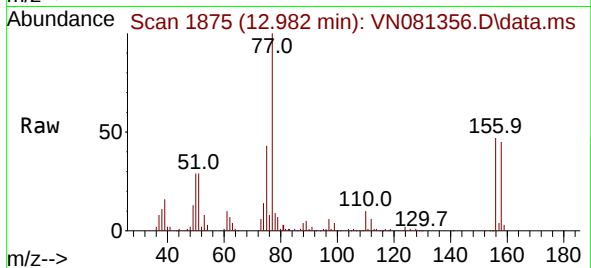
Tgt Ion:156 Resp: 82594
 Ion Ratio Lower Upper
 156 100
 77 224.5 138.1 414.3
 158 93.1 46.5 139.5

Manual Integrations

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Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#78

n-propylbenzene

Concen: 20.137 ug/l

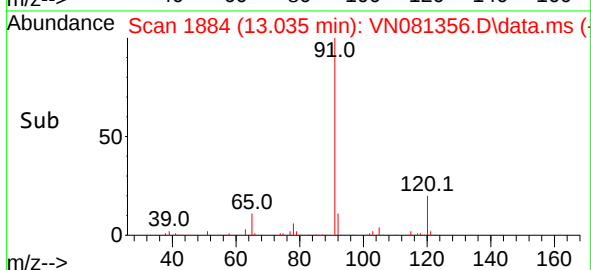
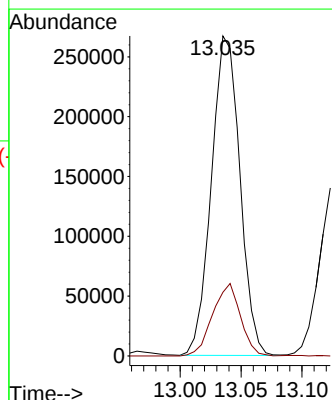
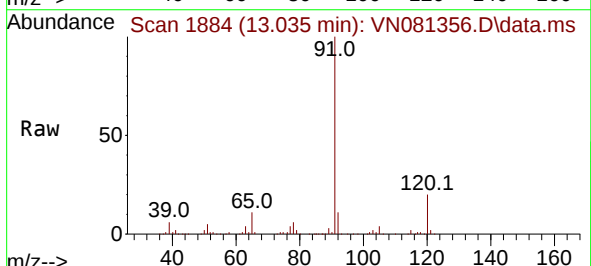
RT: 13.035 min Scan# 1884

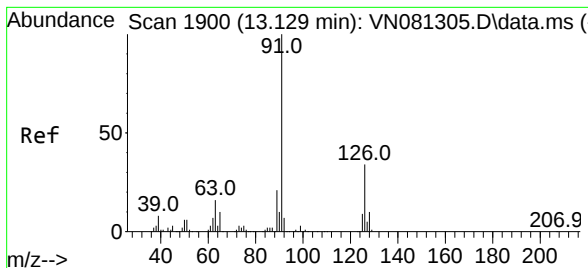
Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

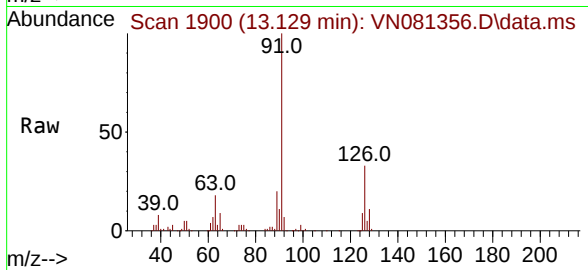
Tgt Ion: 91 Resp: 435793
 Ion Ratio Lower Upper
 91 100
 120 22.1 10.3 30.9





#79
2-Chlorotoluene
Concen: 19.054 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

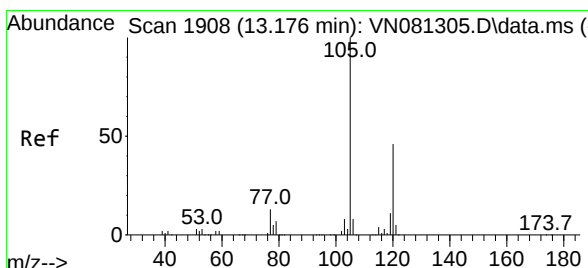
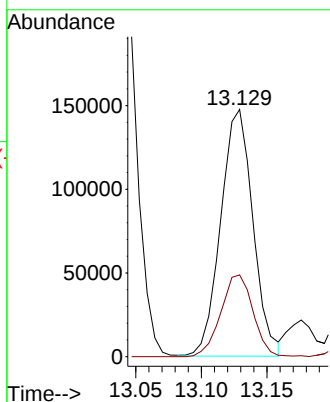
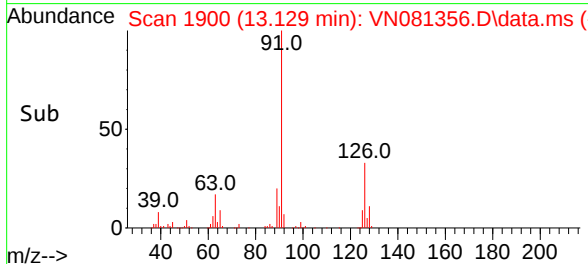
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



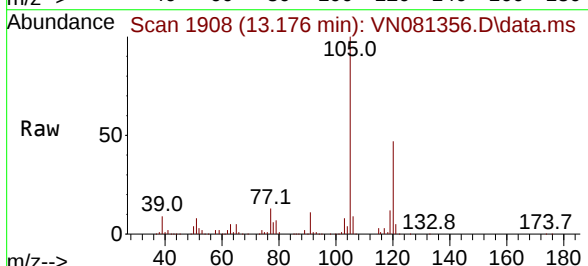
Tgt Ion: 91 Resp: 252050
Ion Ratio Lower Upper
91 100
126 33.2 14.8 44.4

Manual Integrations
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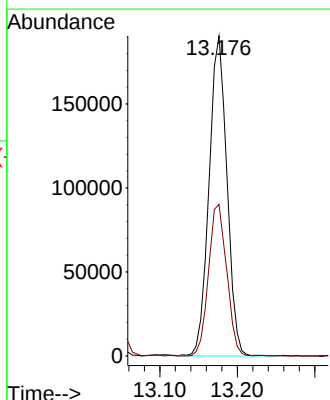
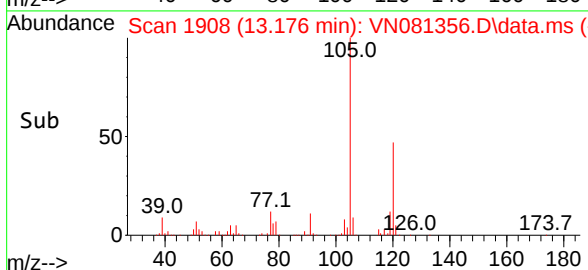
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

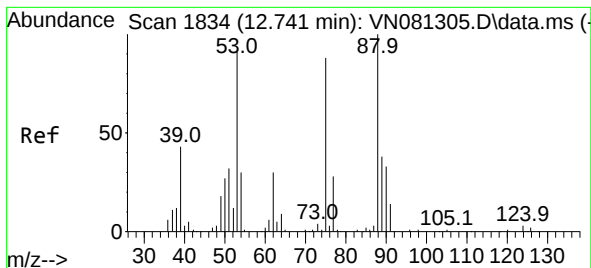


#80
1,3,5-Trimethylbenzene
Concen: 20.208 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17



Tgt Ion:105 Resp: 305644
Ion Ratio Lower Upper
105 100
120 48.1 23.0 69.0





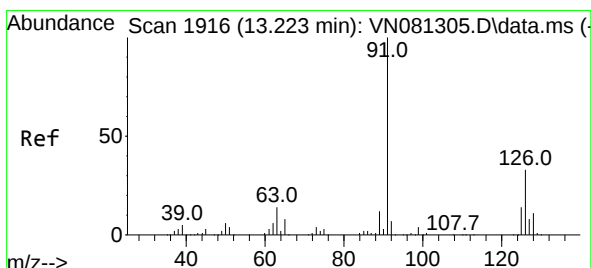
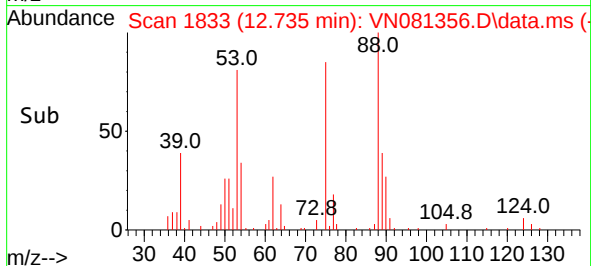
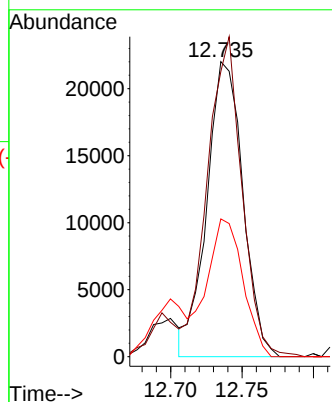
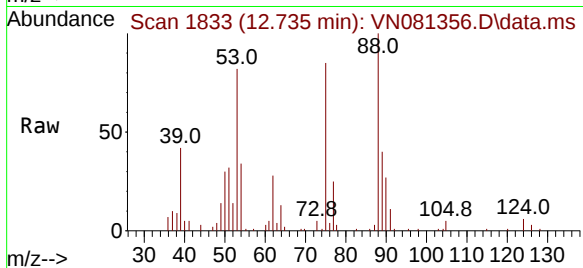
#81
trans-1,4-Dichloro-2-butene
Concen: 20.150 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 75 Resp: 3864
Ion Ratio Lower Upper
75 100
53 103.9 71.4 107.2
89 46.9 33.4 50.0

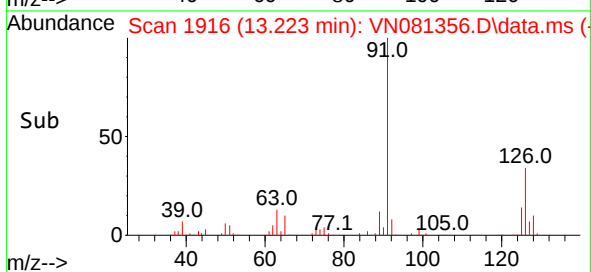
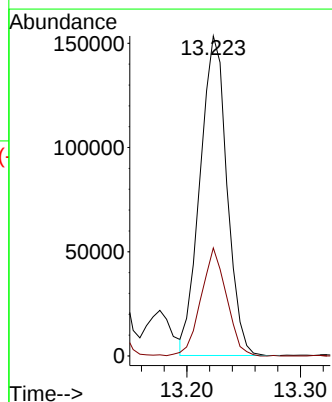
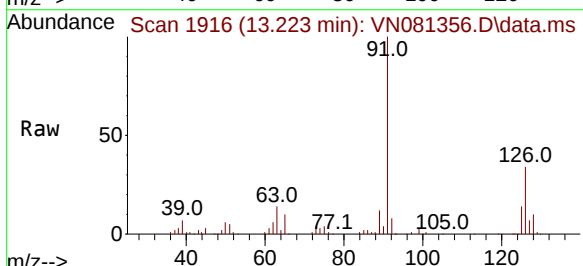
Manual Integrations
APPROVED

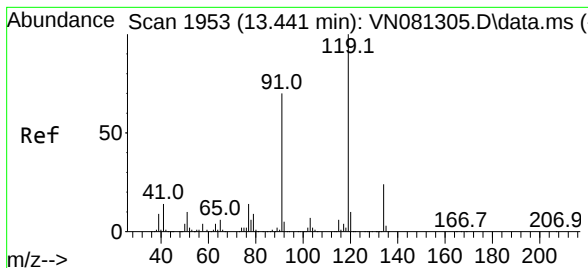
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#82
4-Chlorotoluene
Concen: 19.315 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

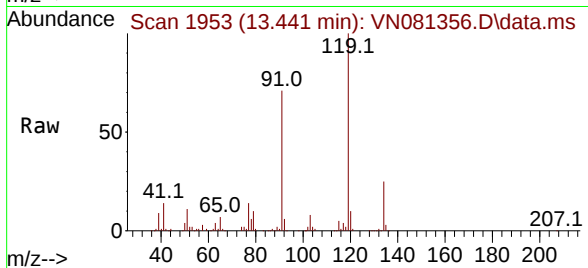
Tgt Ion: 91 Resp: 252366
Ion Ratio Lower Upper
91 100
126 32.0 15.3 45.9





#83
tert-Butylbenzene
Concen: 19.074 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

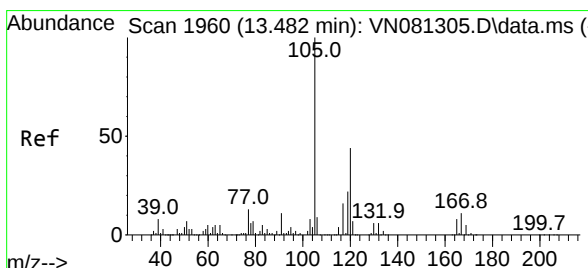
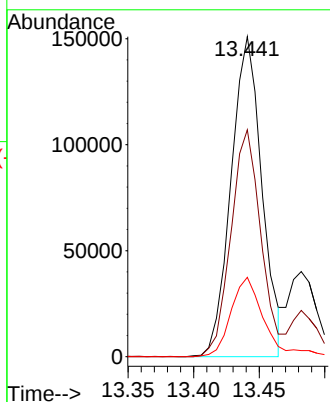
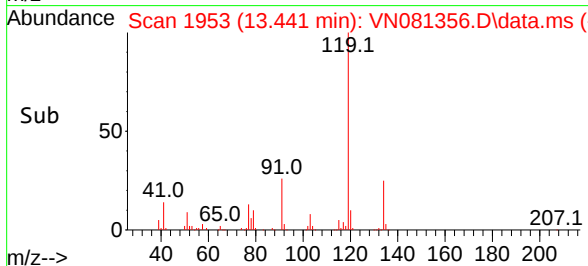
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



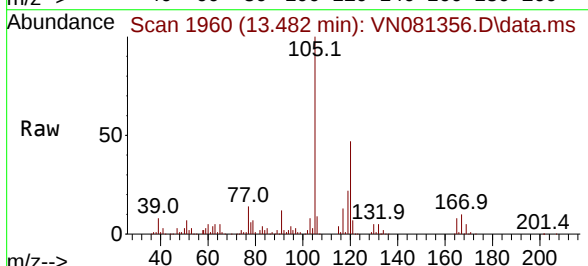
Tgt Ion:119 Resp: 247324
Ion Ratio Lower Upper
119 100
91 69.9 36.8 110.4
134 26.7 12.4 37.4

Manual Integrations
APPROVED

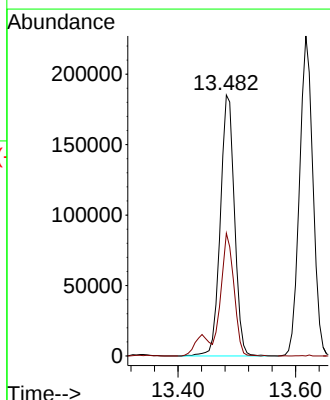
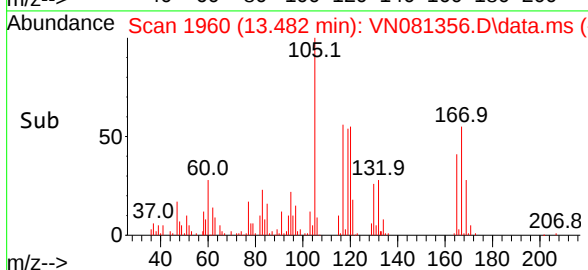
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

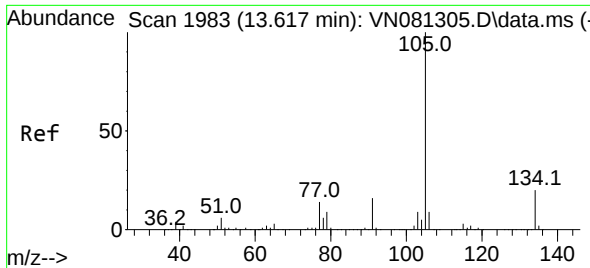


#84
1,2,4-Trimethylbenzene
Concen: 20.178 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17



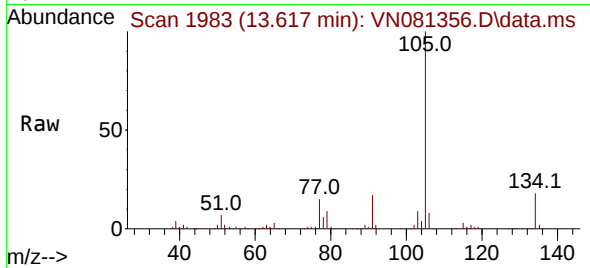
Tgt Ion:105 Resp: 309207
Ion Ratio Lower Upper
105 100
120 42.8 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 19.160 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

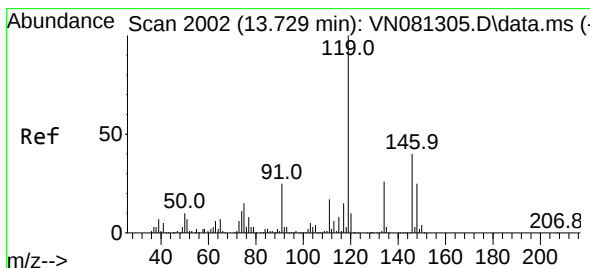
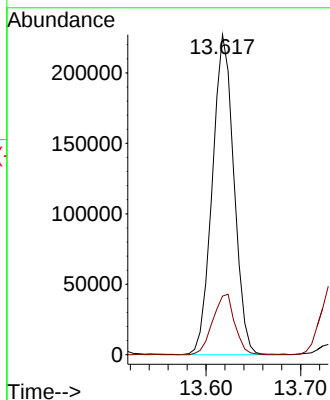
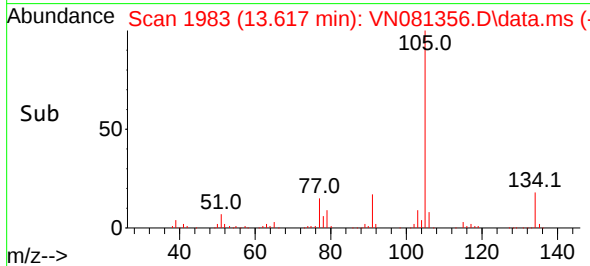
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01



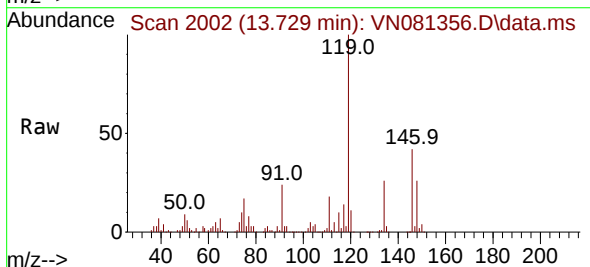
Tgt Ion:105 Resp: 359428
 Ion Ratio Lower Upper
 105 100
 134 19.2 8.6 25.8

Manual Integrations
 APPROVED

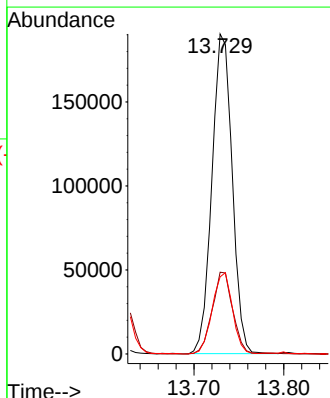
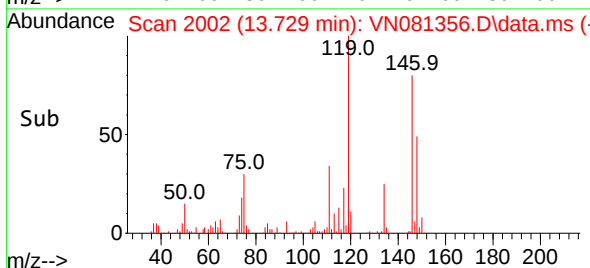
Reviewed By :John Carlone 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

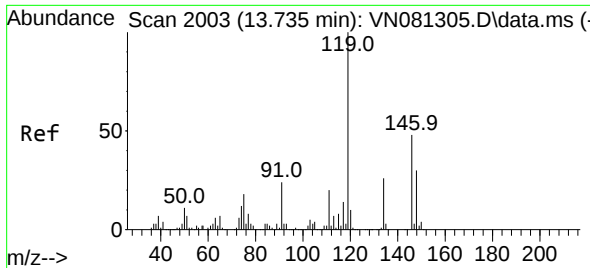


#86
 p-Isopropyltoluene
 Concen: 19.828 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17



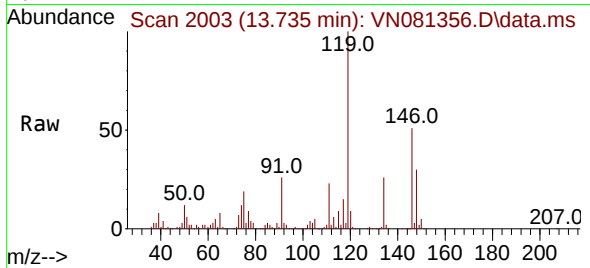
Tgt Ion:119 Resp: 298292
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 25.3 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 19.088 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

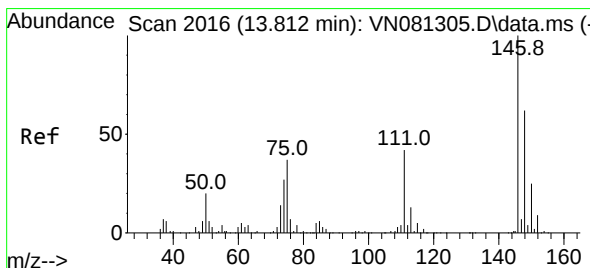
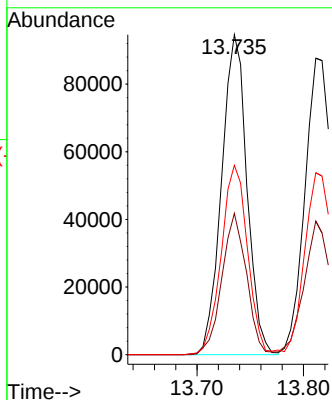
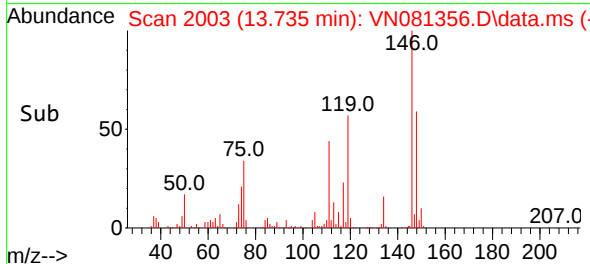
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01



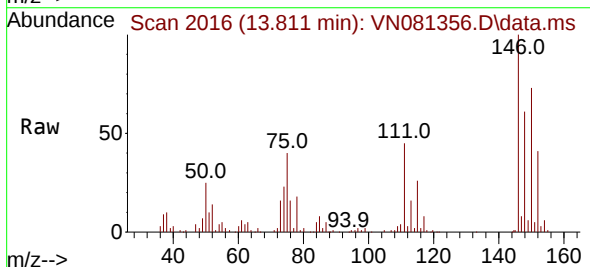
Tgt Ion:146 Resp: 156356
 Ion Ratio Lower Upper
 146 100
 111 42.9 23.9 71.7
 148 61.4 32.6 97.7

Manual Integrations
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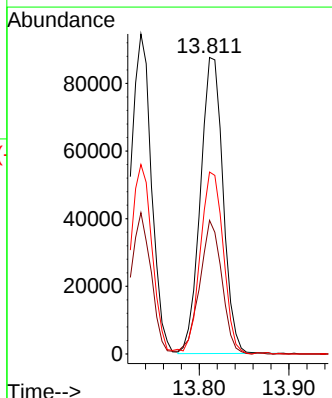
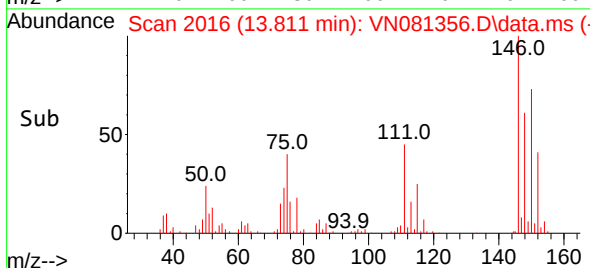
Reviewed By :John Carlone 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

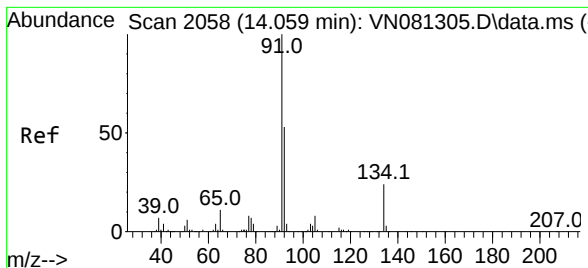


#88
 1,4-Dichlorobenzene
 Concen: 18.772 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17



Tgt Ion:146 Resp: 153694
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.6 67.7
 148 62.7 31.9 95.5





#89

n-Butylbenzene

Concen: 19.360 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

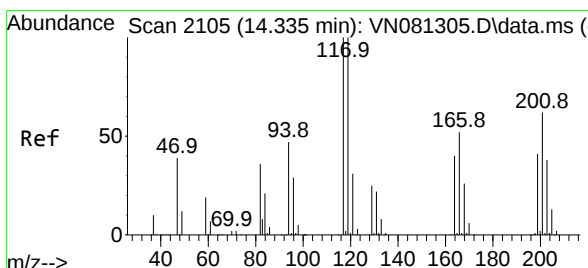
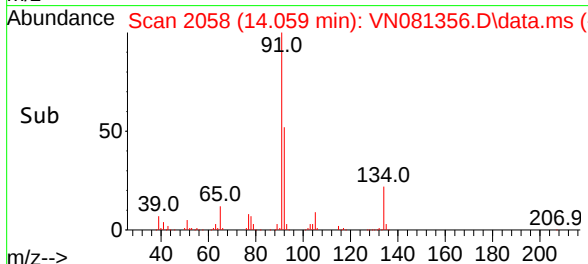
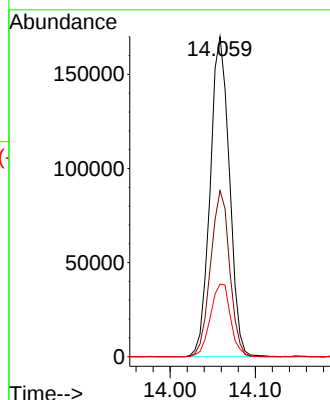
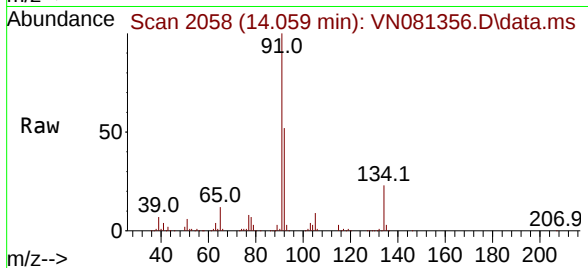
Tgt Ion:	91	Resp:	267084
Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.7	80.1
134	23.8	10.8	32.4

Manual Integrations

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Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#90

Hexachloroethane

Concen: 19.464 ug/l

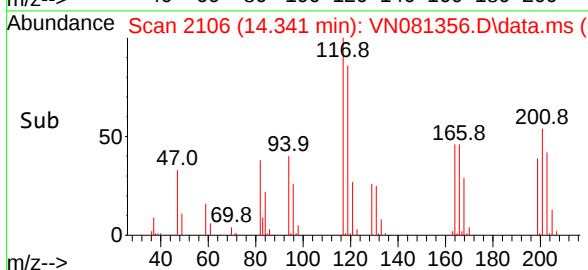
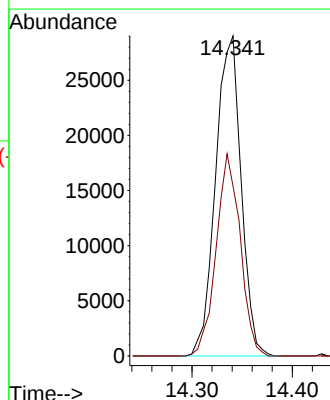
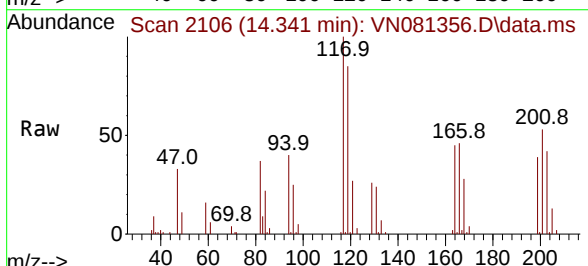
RT: 14.341 min Scan# 2106

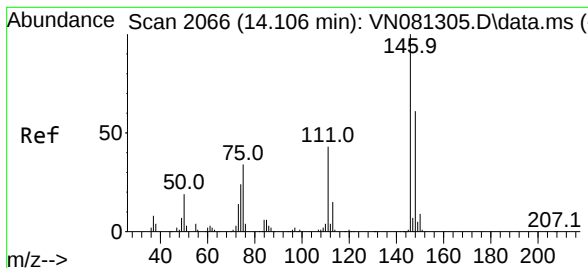
Delta R.T. 0.006 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Tgt Ion:	117	Resp:	51264
Ion	Ratio	Lower	Upper
117	100		
201	59.5	30.0	90.0





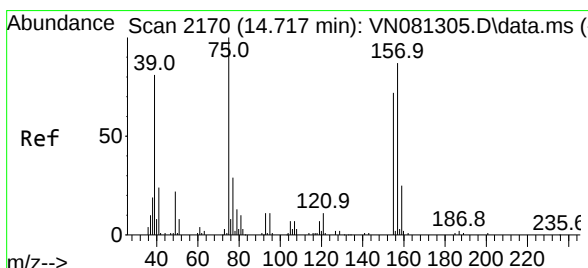
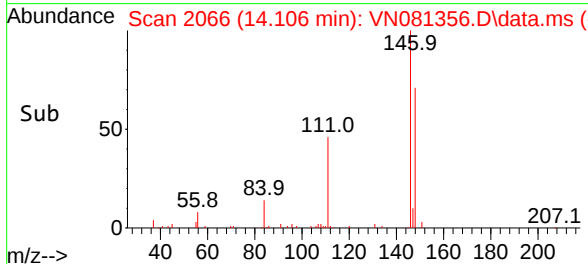
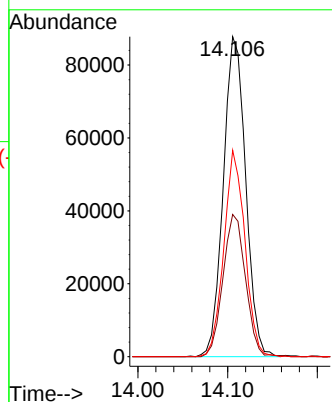
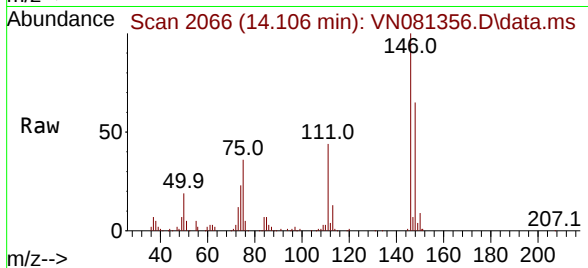
#91
1,2-Dichlorobenzene
Concen: 19.314 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion:146 Resp: 151798
Ion Ratio Lower Upper
146 100
111 44.8 23.9 71.8
148 60.7 31.4 94.0

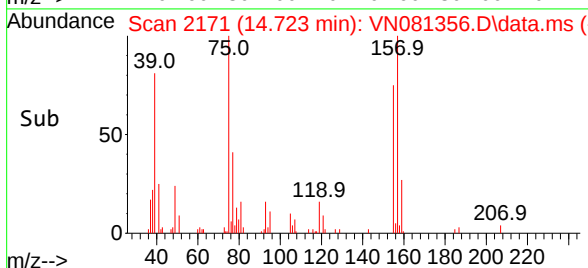
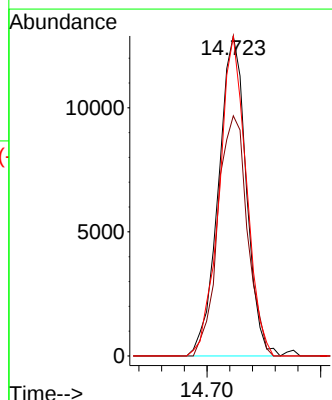
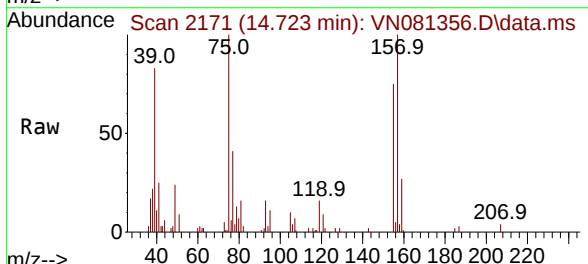
Manual Integrations
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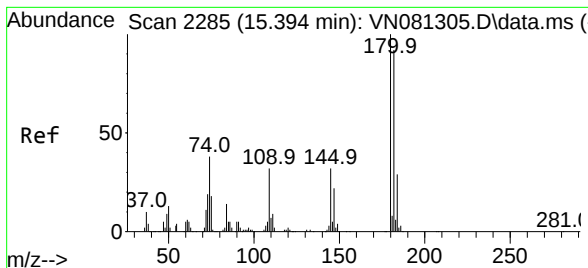
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.094 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 75 Resp: 21864
Ion Ratio Lower Upper
75 100
155 79.9 31.8 95.4
157 97.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.959 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

Tgt Ion:180 Resp: 7964

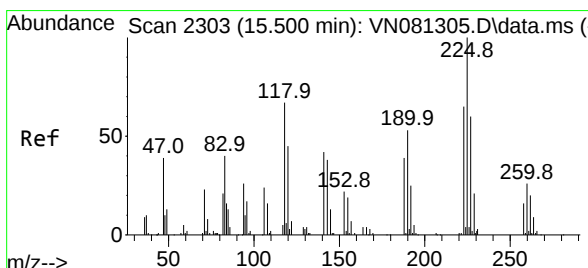
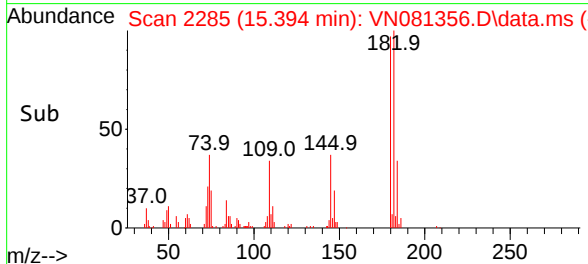
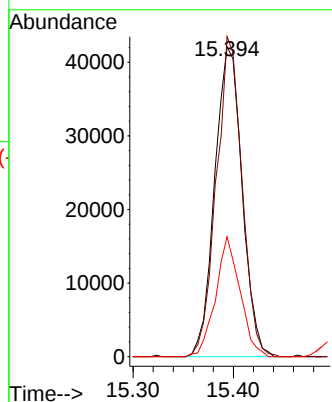
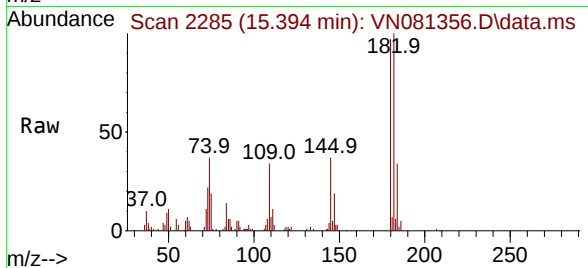
Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.6	139.7
145	34.5	16.8	50.3

Manual Integrations

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Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#94

Hexachlorobutadiene

Concen: 18.334 ug/l

RT: 15.505 min Scan# 2304

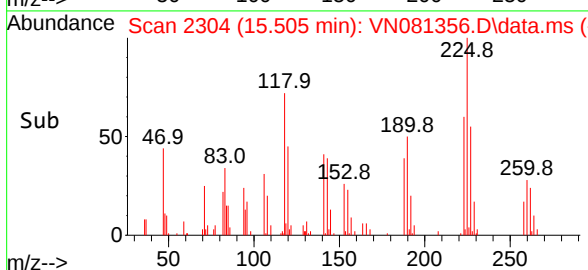
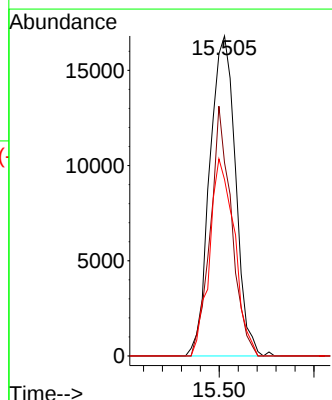
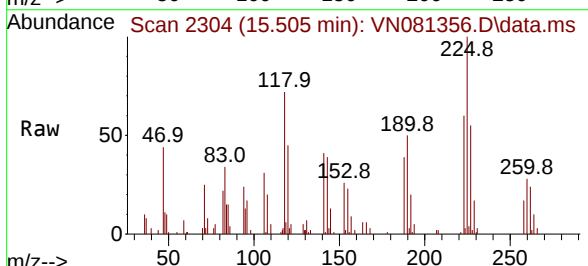
Delta R.T. 0.006 min

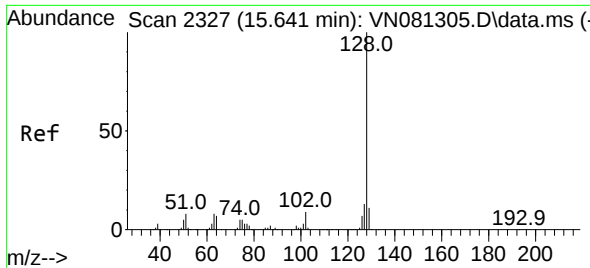
Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Tgt Ion:225 Resp: 31825

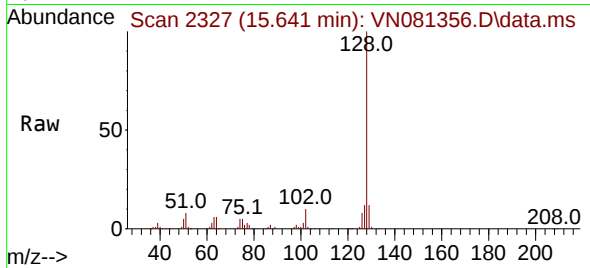
Ion	Ratio	Lower	Upper
225	100		
223	63.8	33.3	99.8
227	59.5	33.1	99.2





#95
Naphthalene
Concen: 19.065 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

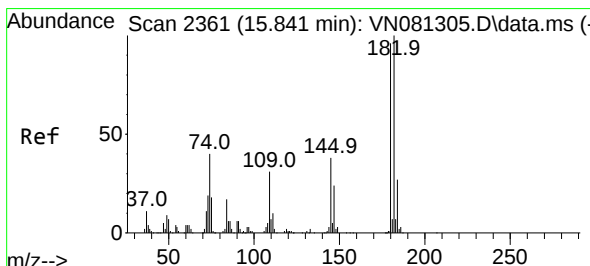
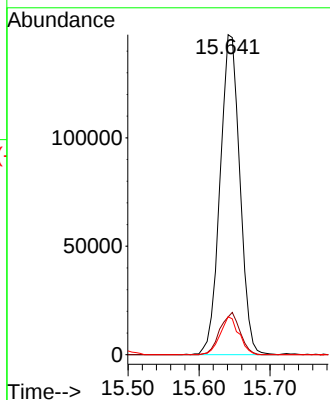
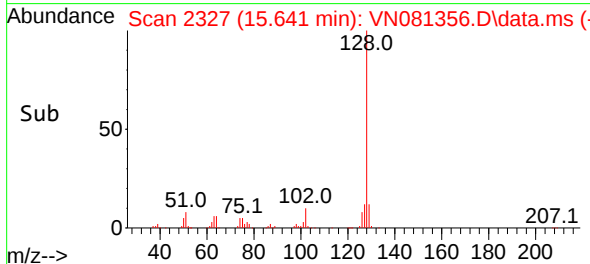
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion:128 Resp: 284989
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.657 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion:180 Resp: 79484
Ion Ratio Lower Upper
180 100
182 99.2 46.5 139.3
145 36.8 17.8 53.4

