

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081361.D
 Acq On : 11 Mar 2024 14:16
 Operator : JC\MD
 Sample : VN0311WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

Quant Time: Mar 12 04:53:14 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	367359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	662912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	600110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	261425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	260576	49.058	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.120%		
35) Dibromofluoromethane	8.165	113	195949	48.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	10.565	98	759543	50.027	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.060%		
62) 4-Bromofluorobenzene	12.853	95	267057	49.767	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	99.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	94184	19.341	ug/l	95
3) Chloromethane	2.365	50	85142	16.186	ug/l	94
4) Vinyl Chloride	2.518	62	93530	17.044	ug/l	91
5) Bromomethane	2.959	94	58582	15.984	ug/l	91
6) Chloroethane	3.124	64	60068	15.937	ug/l	94
7) Trichlorofluoromethane	3.501	101	141690	17.454	ug/l	96
8) Diethyl Ether	3.965	74	50334	17.599	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	77324	16.727	ug/l	91
10) Methyl Iodide	4.589	142	78481	18.552	ug/l #	95
11) Tert butyl alcohol	5.512	59	70054	75.426	ug/l	98
12) 1,1-Dichloroethene	4.342	96	75281	17.584	ug/l	94
13) Acrolein	4.183	56	90854	82.611	ug/l	100
14) Allyl chloride	5.024	41	111262	17.512	ug/l #	87
15) Acrylonitrile	5.718	53	205293	84.609	ug/l	96
16) Acetone	4.424	43	159093	84.537	ug/l	97
17) Carbon Disulfide	4.718	76	185384	15.172	ug/l	99
18) Methyl Acetate	5.024	43	106180	19.706	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	262832	18.102	ug/l	97
20) Methylene Chloride	5.283	84	84372	17.625	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	78094	16.180	ug/l	95
22) Diisopropyl ether	6.671	45	268945	19.058	ug/l #	93
23) Vinyl Acetate	6.606	43	1021582	89.112	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	156196	18.082	ug/l	98
25) 2-Butanone	7.483	43	266876	84.678	ug/l	92
26) 2,2-Dichloropropane	7.488	77	134041	17.557	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	93112	17.015	ug/l	93
28) Bromochloromethane	7.812	49	59521	16.103	ug/l #	70
29) Tetrahydrofuran	7.841	42	176732	82.235	ug/l #	88
30) Chloroform	7.965	83	159374	17.779	ug/l	99
31) Cyclohexane	8.259	56	139537	17.352	ug/l #	83
32) 1,1,1-Trichloroethane	8.165	97	144782	18.272	ug/l	92
36) 1,1-Dichloropropene	8.371	75	117058	17.865	ug/l	96
37) Ethyl Acetate	7.559	43	113838	17.773	ug/l #	93
38) Carbon Tetrachloride	8.365	117	119832	18.171	ug/l	98
39) Methylcyclohexane	9.600	83	130564	17.314	ug/l	90
40) Benzene	8.606	78	349956	17.893	ug/l	97

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Quant Time: Mar 12 04:53:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 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	65005	17.972	ug/l	96
42) 1,2-Dichloroethane	8.671	62	126461	18.339	ug/l	98
43) Isopropyl Acetate	8.688	43	197240	17.594	ug/l	96
44) Trichloroethene	9.353	130	91240	18.497	ug/l	92
45) 1,2-Dichloropropane	9.624	63	91190	18.560	ug/l	98
46) Dibromomethane	9.712	93	62086	17.928	ug/l	94
47) Bromodichloromethane	9.888	83	124198	18.474	ug/l #	93
48) Methyl methacrylate	9.682	41	93728	18.914	ug/l	93
49) 1,4-Dioxane	9.694	88	31947	292.492	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	598765	91.982	ug/l	97
52) Toluene	10.629	92	218176	18.467	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	136304	18.738	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	143060	18.218	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	86319	18.424	ug/l	92
56) Ethyl methacrylate	10.877	69	129541	19.256	ug/l	92
57) 1,3-Dichloropropane	11.165	76	152750	18.681	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	343128	94.818	ug/l #	90
59) 2-Hexanone	11.194	43	444233	91.284	ug/l	96
60) Dibromochloromethane	11.359	129	87700	18.176	ug/l	98
61) 1,2-Dibromoethane	11.471	107	86237	17.740	ug/l	97
64) Tetrachloroethene	11.106	164	85845	18.269	ug/l	92
65) Chlorobenzene	11.894	112	227033	17.953	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	83359	18.014	ug/l	96
67) Ethyl Benzene	11.965	91	421274	18.494	ug/l	97
68) m/p-Xylenes	12.071	106	311350	36.318	ug/l	99
69) o-Xylene	12.400	106	156857	18.879	ug/l	97
70) Styrene	12.412	104	252188	19.154	ug/l	99
71) Bromoform	12.576	173	56193	17.491	ug/l #	96
73) Isopropylbenzene	12.694	105	410777	19.459	ug/l	97
74) N-amyl acetate	12.494	43	167789	18.943	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	113236	17.381	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	112681m	18.249	ug/l	
77) Bromobenzene	12.982	156	91084	18.198	ug/l	78
78) n-propylbenzene	13.035	91	491620	19.690	ug/l	97
79) 2-Chlorotoluene	13.129	91	286115	18.747	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	351247	20.129	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	38036	17.191	ug/l #	76
82) 4-Chlorotoluene	13.223	91	282215	18.721	ug/l	95
83) tert-Butylbenzene	13.441	119	285847	19.107	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	351825	19.900	ug/l	97
85) sec-Butylbenzene	13.618	105	420866	19.446	ug/l	94
86) p-Isopropyltoluene	13.729	119	346447	19.960	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	164751	17.432	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	165572	17.528	ug/l	98
89) n-Butylbenzene	14.059	91	307820	19.339	ug/l	97
90) Hexachloroethane	14.335	117	54299	17.869	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	163449	18.026	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25529	18.312	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	91782	18.936	ug/l	99
94) Hexachlorobutadiene	15.506	225	32165	16.060	ug/l	97
95) Naphthalene	15.641	128	360033	20.876	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	93554	19.033	ug/l	99

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MSVOA_N
ClientSampleId :
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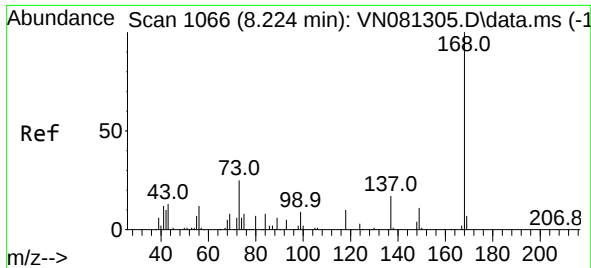
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 04:53:14 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

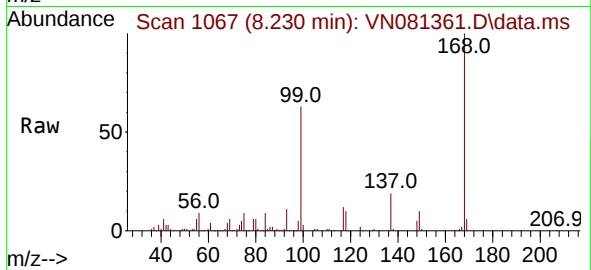
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081361.D
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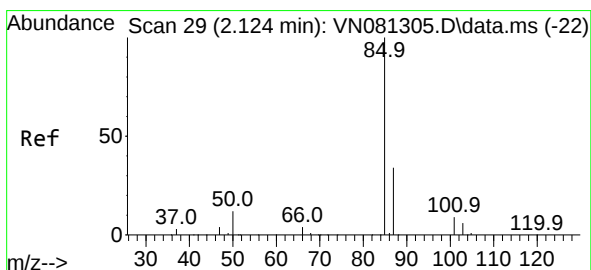
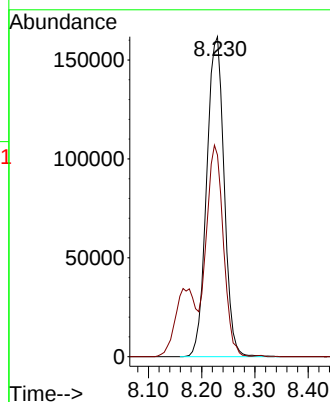
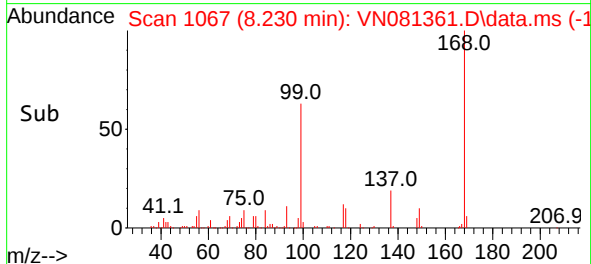
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion:168 Resp: 367359
Ion Ratio Lower Upper
168 100
99 63.0 59.9 89.9

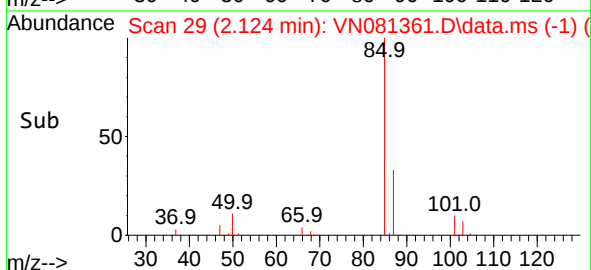
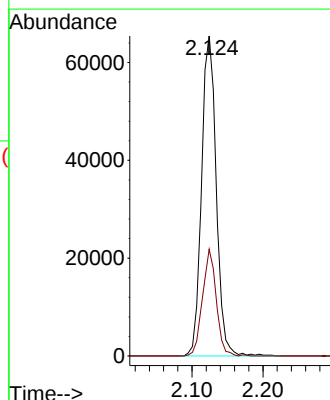
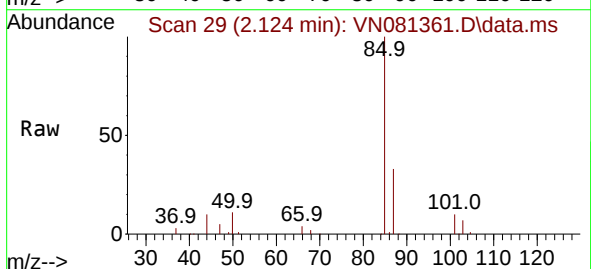
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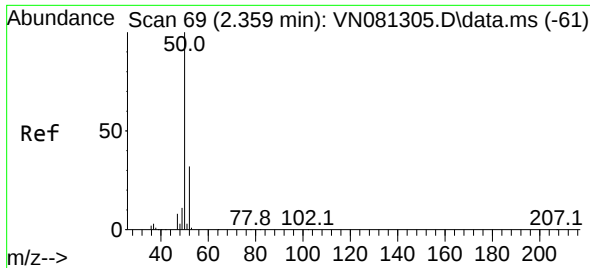
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#2
Dichlorodifluoromethane
Concen: 19.341 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

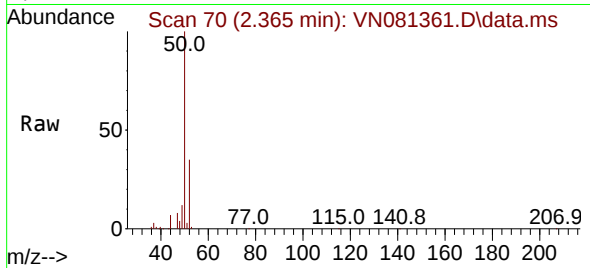
Tgt Ion: 85 Resp: 94184
Ion Ratio Lower Upper
85 100
87 33.4 15.3 45.9





#3
Chloromethane
Concen: 16.186 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

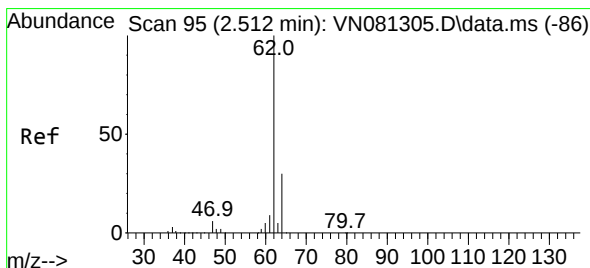
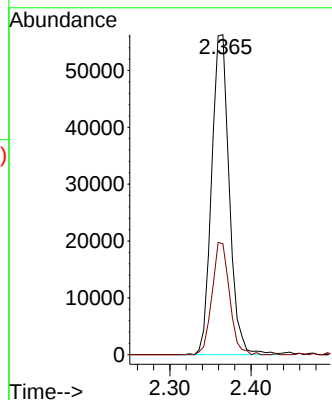
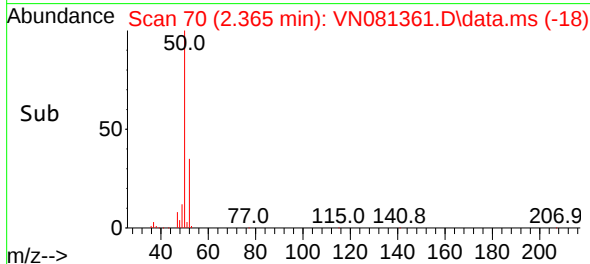
Instrument :
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Tgt Ion: 50 Resp: 8514
Ion Ratio Lower Upper
50 100
52 34.6 25.0 37.4

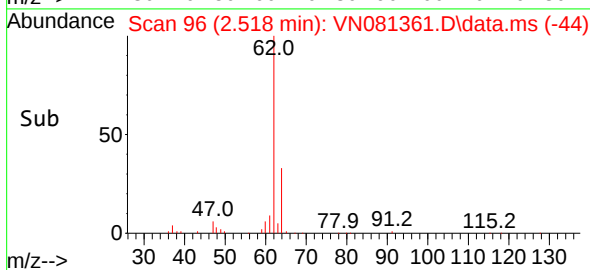
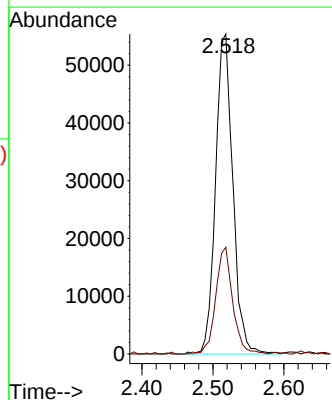
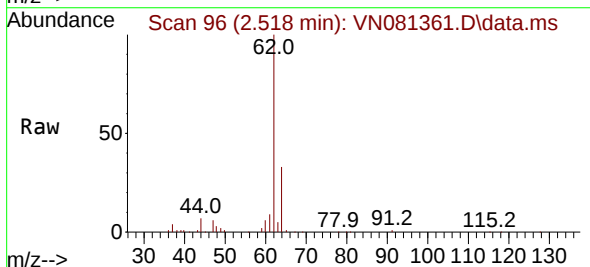
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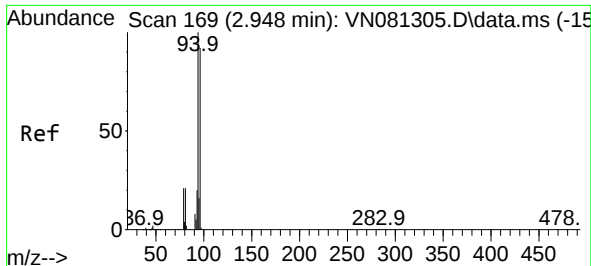
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#4
Vinyl Chloride
Concen: 17.044 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Tgt Ion: 62 Resp: 93530
Ion Ratio Lower Upper
62 100
64 33.4 22.7 34.1





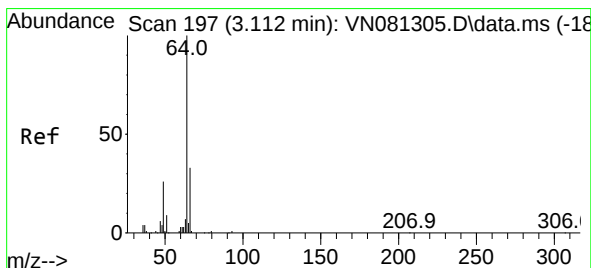
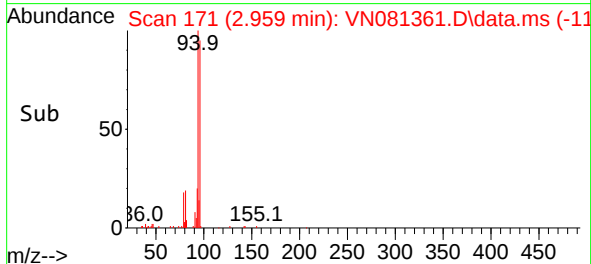
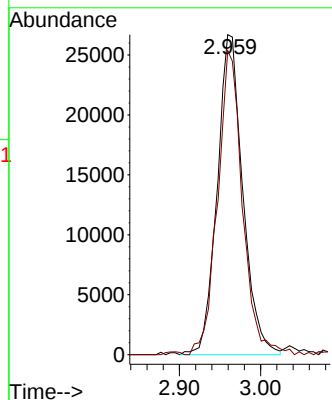
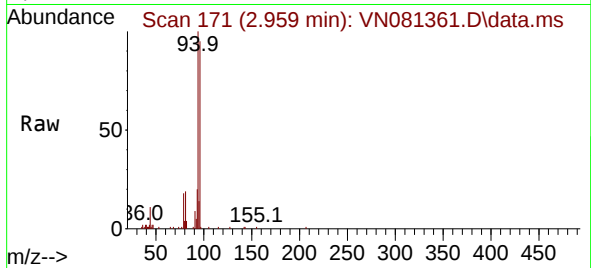
#5
Bromomethane
Concen: 15.984 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Instrument :
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Tgt Ion: 94 Resp: 5858
Ion Ratio Lower Upper
94 100
96 94.3 69.2 103.8

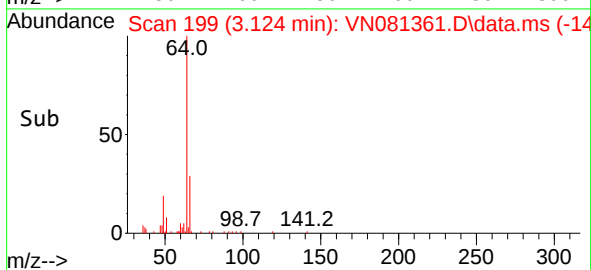
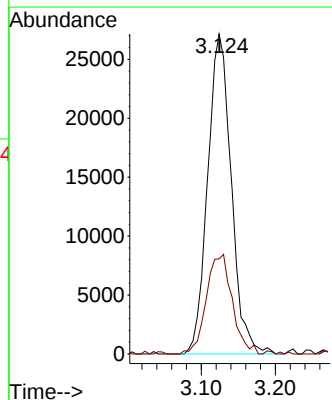
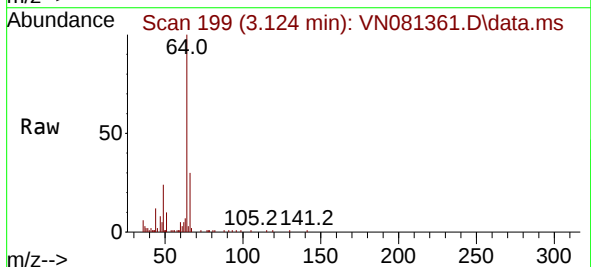
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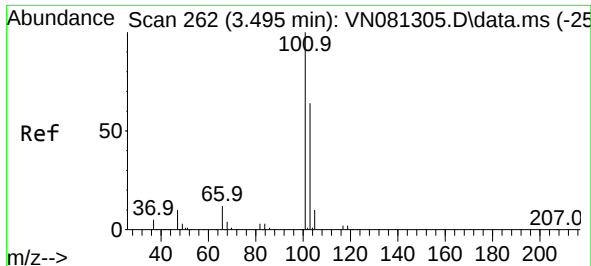
Reviewed By :John Carlone 03/12/2024
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#6
Chloroethane
Concen: 15.937 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Tgt Ion: 64 Resp: 60068
Ion Ratio Lower Upper
64 100
66 29.7 26.4 39.6





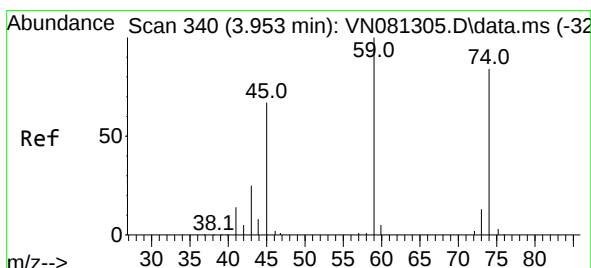
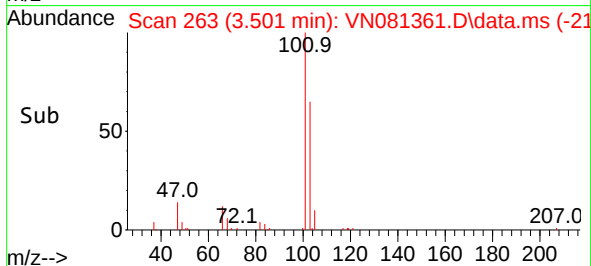
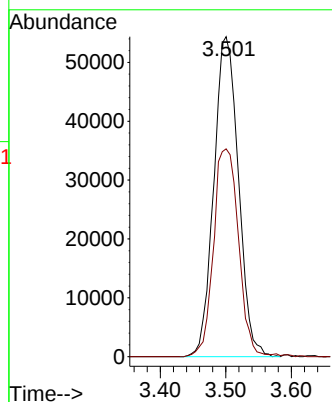
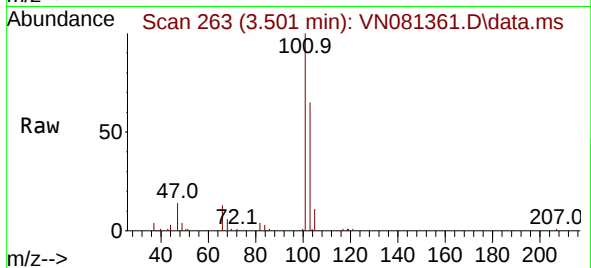
#7
Trichlorofluoromethane
Concen: 17.454 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion:101 Resp: 141690
Ion Ratio Lower Upper
101 100
103 65.0 54.4 81.6

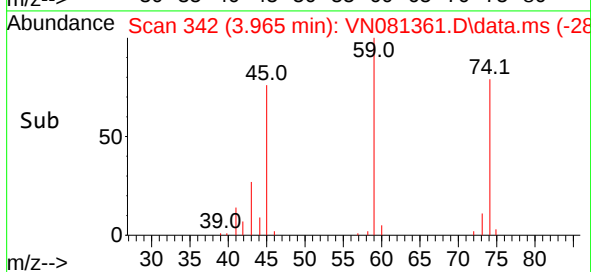
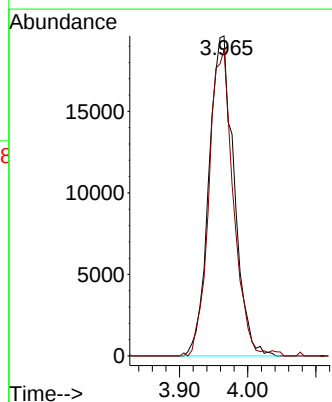
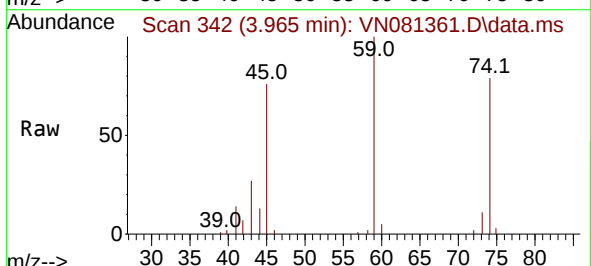
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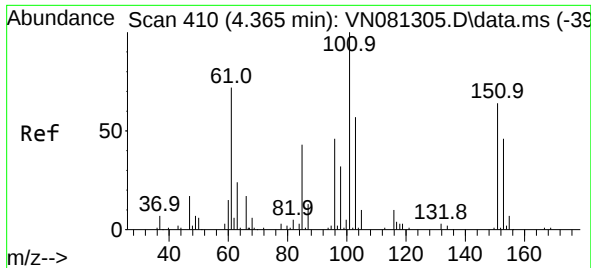
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#8
Diethyl Ether
Concen: 17.599 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Tgt Ion: 74 Resp: 50334
Ion Ratio Lower Upper
74 100
45 92.7 53.3 159.9





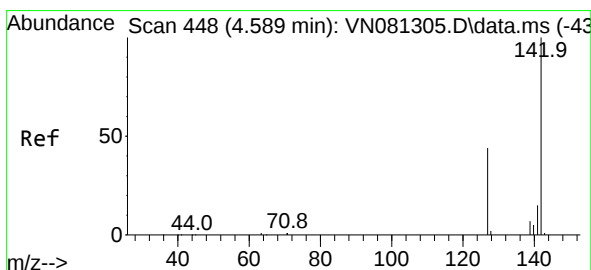
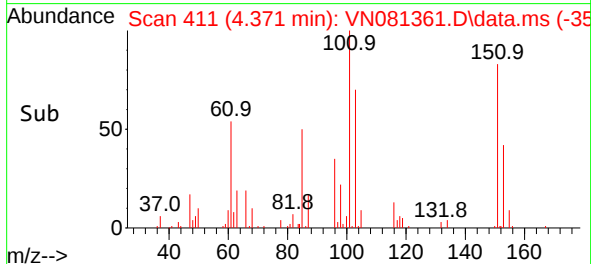
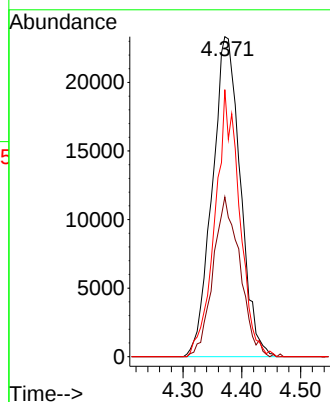
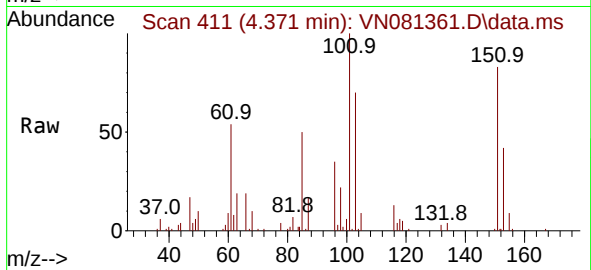
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.727 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion:101 Resp: 77324
Ion Ratio Lower Upper
101 100
85 47.8 38.1 57.1
151 73.1 49.1 73.7

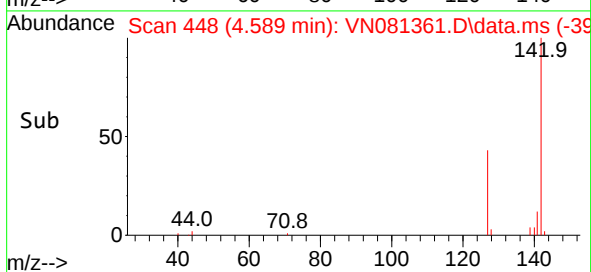
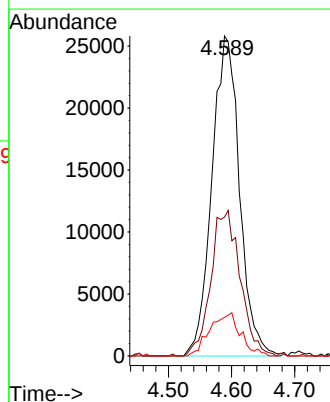
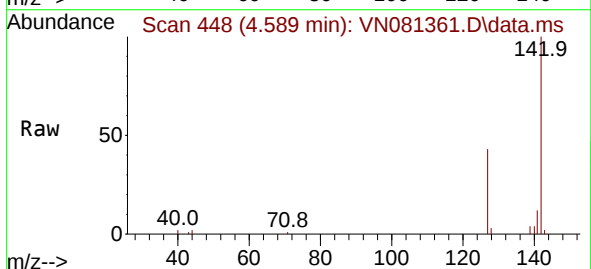
Manual Integrations
APPROVED

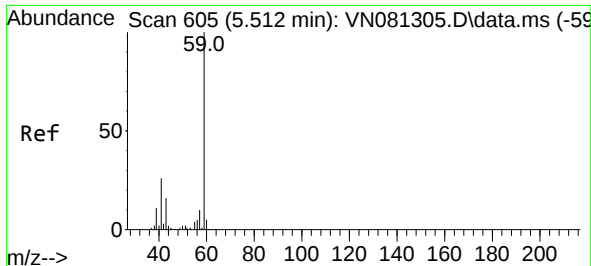
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#10
Methyl Iodide
Concen: 18.552 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

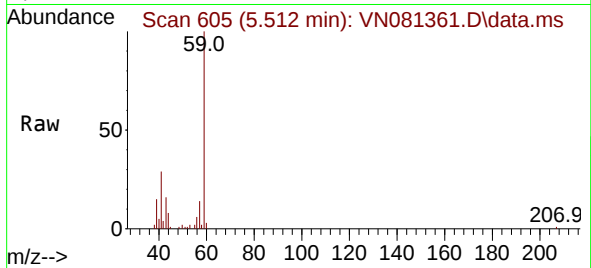
Tgt Ion:142 Resp: 78481
Ion Ratio Lower Upper
142 100
127 43.4 37.0 55.4
141 12.0 12.5 18.7#





#11
Tert butyl alcohol
Concen: 75.426 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

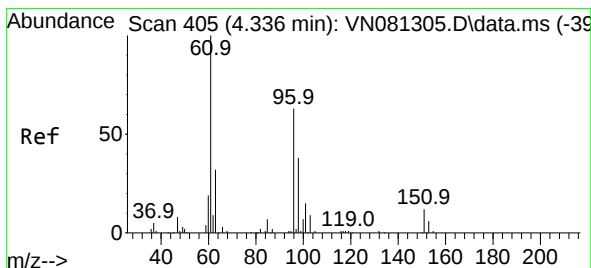
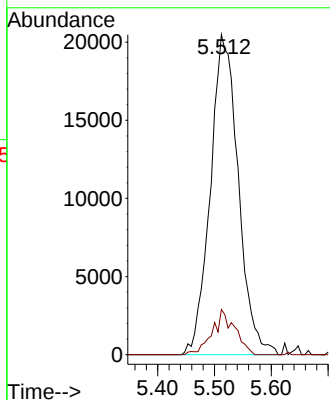
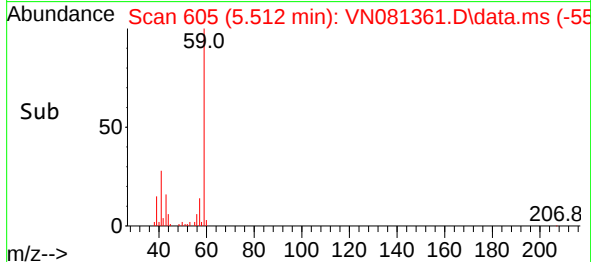
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



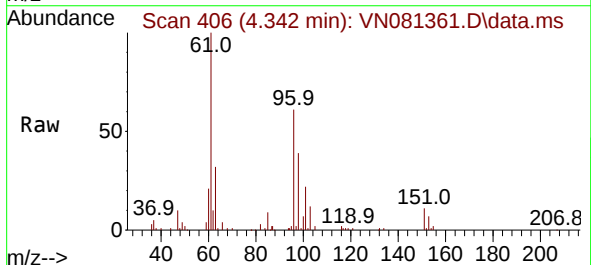
Tgt Ion: 59 Resp: 70054
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

Manual Integrations
APPROVED

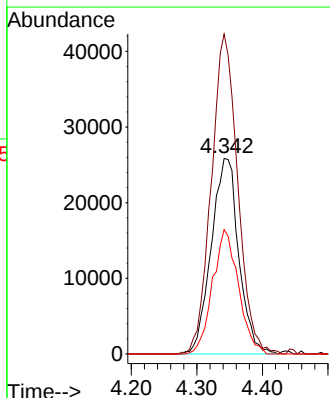
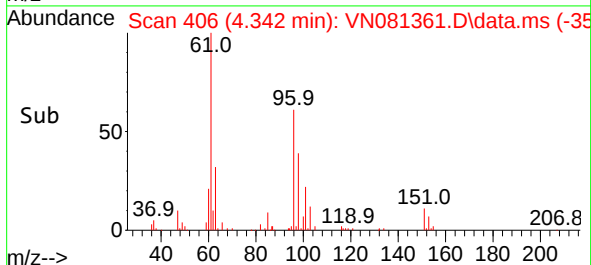
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

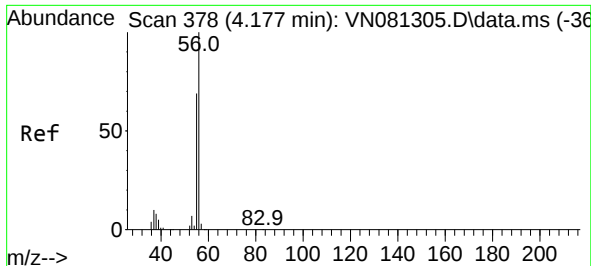


#12
1,1-Dichloroethene
Concen: 17.584 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



Tgt Ion: 96 Resp: 75281
Ion Ratio Lower Upper
96 100
61 163.6 138.2 207.4
98 63.6 49.2 73.8





#13

Acrolein

Concen: 82.611 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion: 56 Resp: 90854

Ion Ratio Lower Upper

56 100

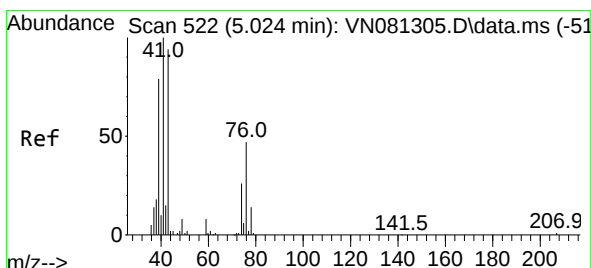
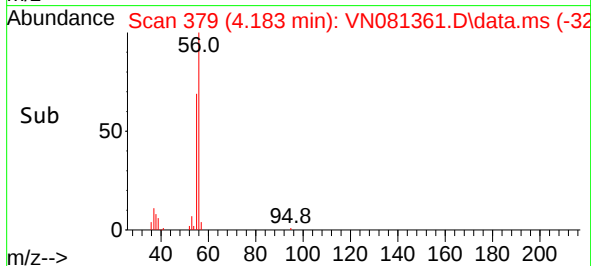
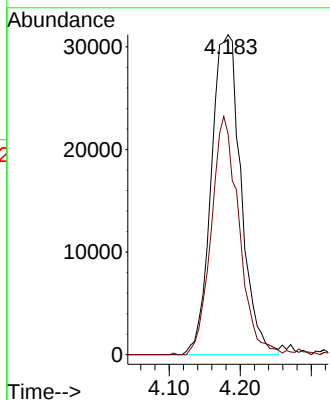
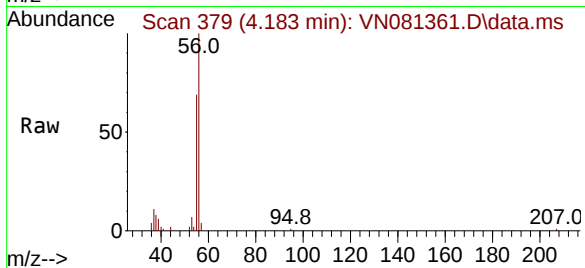
55 69.1 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#14

Allyl chloride

Concen: 17.512 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

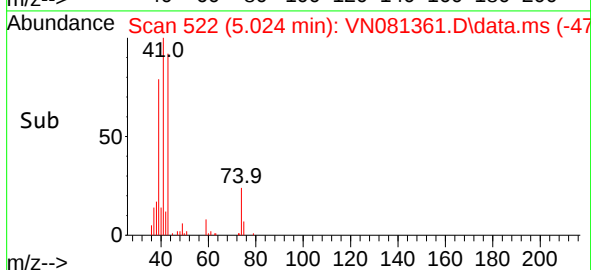
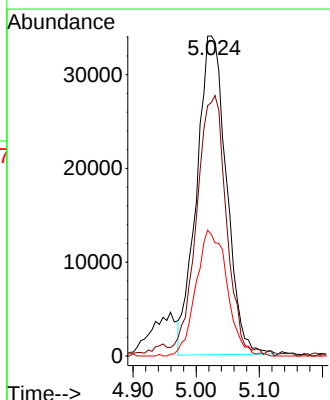
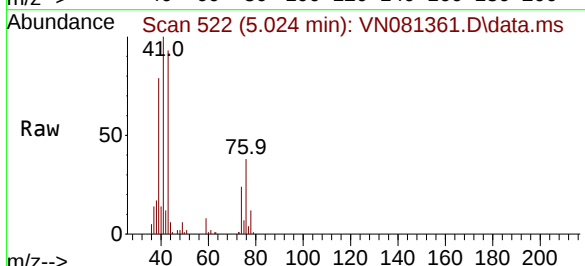
Tgt Ion: 41 Resp: 111262

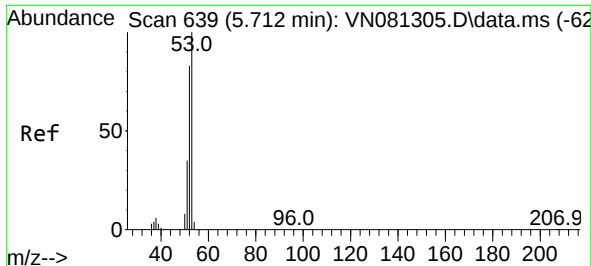
Ion Ratio Lower Upper

41 100

39 82.3 57.7 86.5

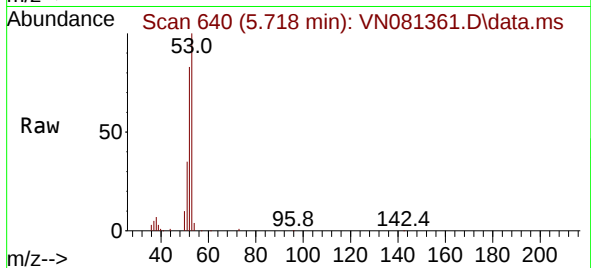
76 41.0 26.8 40.2#





#15
Acrylonitrile
Concen: 84.609 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

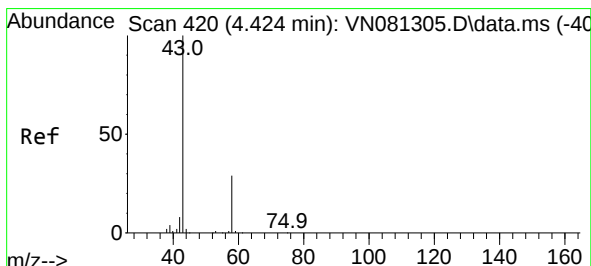
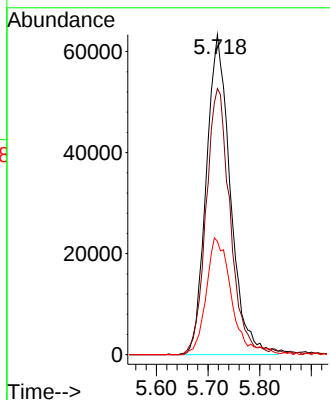
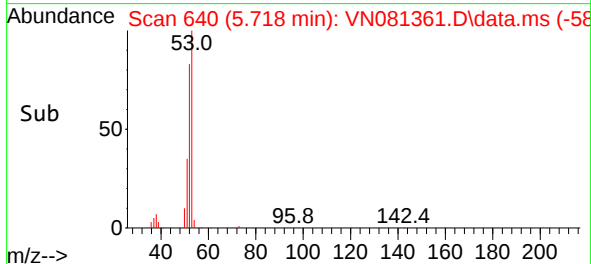
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 53 Resp: 205293
Ion Ratio Lower Upper
53 100
52 82.8 64.8 97.2
51 38.5 26.9 40.3

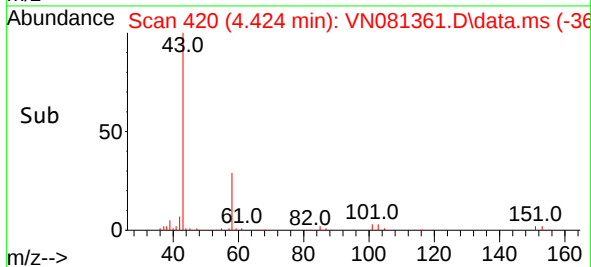
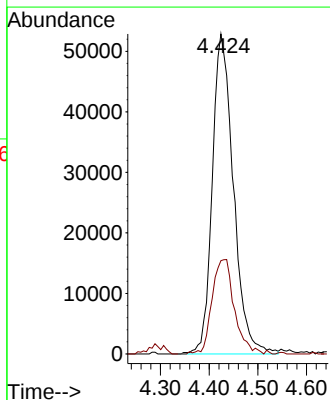
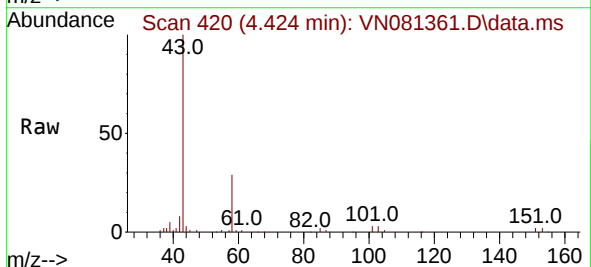
Manual Integrations
APPROVED

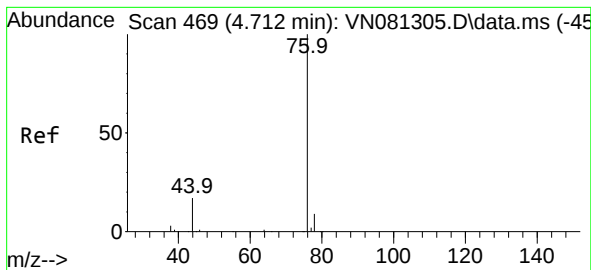
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#16
Acetone
Concen: 84.537 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Tgt Ion: 43 Resp: 159093
Ion Ratio Lower Upper
43 100
58 29.2 24.8 37.2





#17

Carbon Disulfide

Concen: 15.172 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion: 76 Resp: 185384

Ion Ratio Lower Upper

76 100

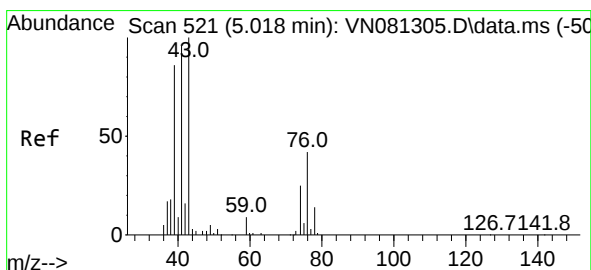
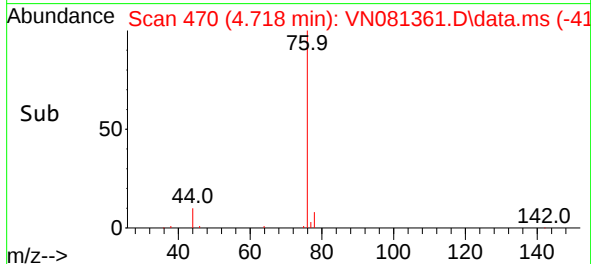
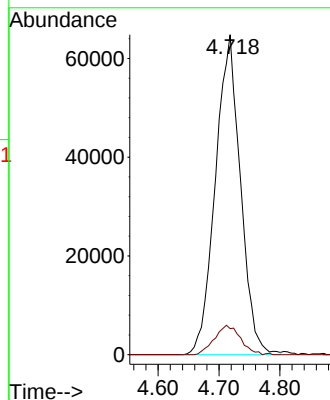
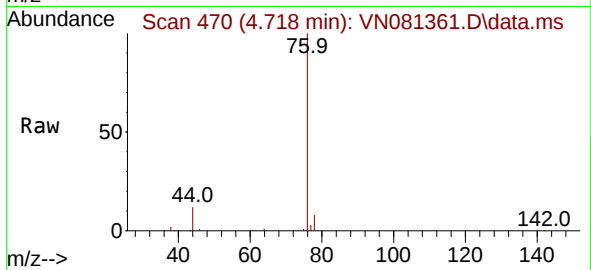
78 8.2 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#18

Methyl Acetate

Concen: 19.706 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081361.D

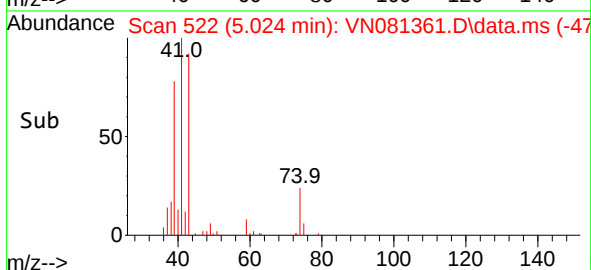
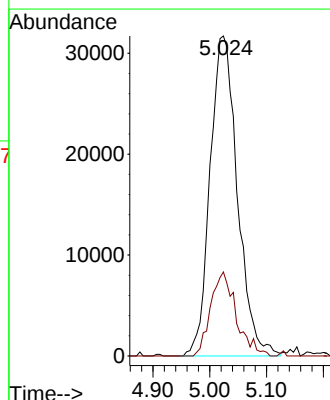
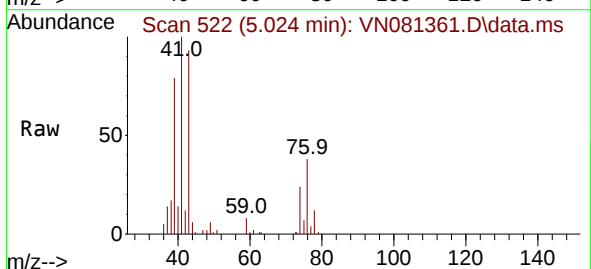
Acq: 11 Mar 2024 14:16

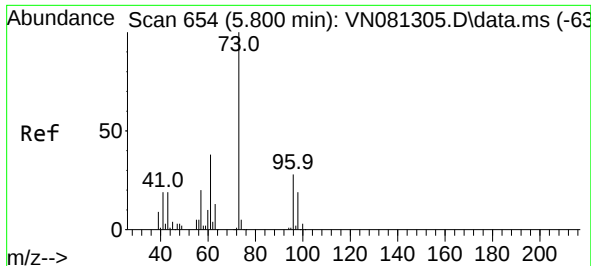
Tgt Ion: 43 Resp: 106180

Ion Ratio Lower Upper

43 100

74 24.5 17.3 25.9





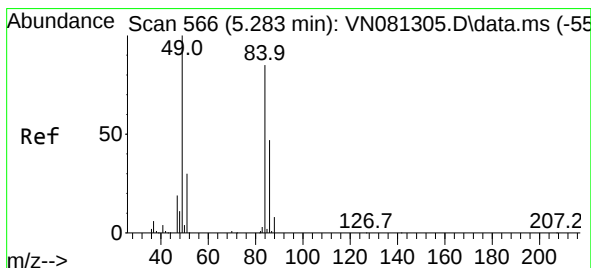
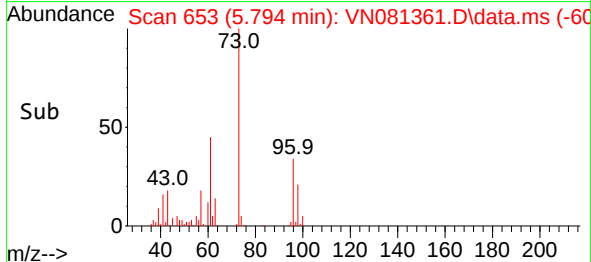
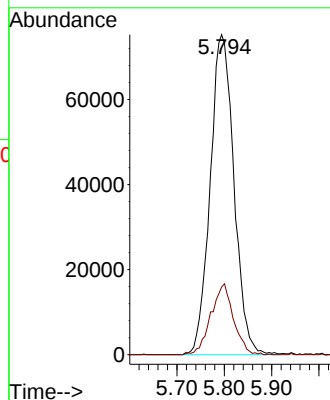
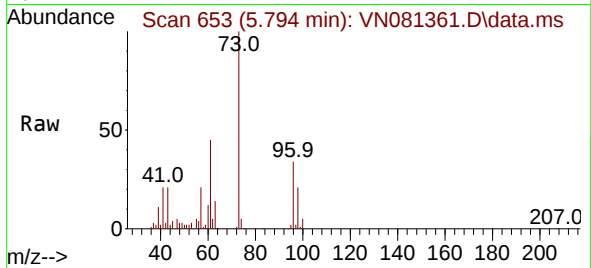
#19
Methyl tert-butyl Ether
Concen: 18.102 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 73 Resp: 26283
Ion Ratio Lower Upper
73 100
57 21.1 18.2 27.4

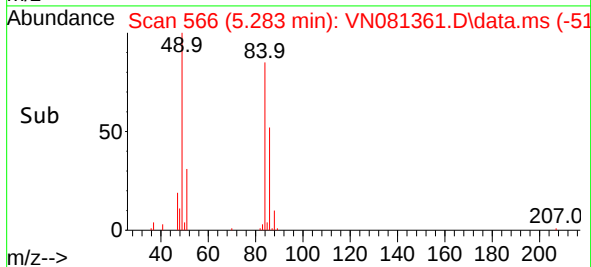
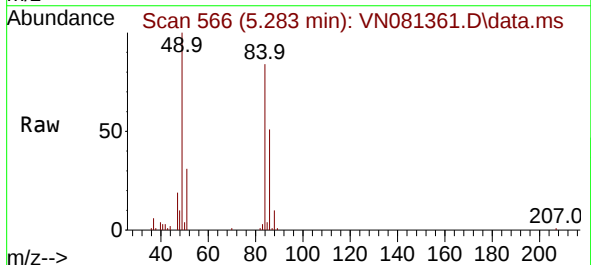
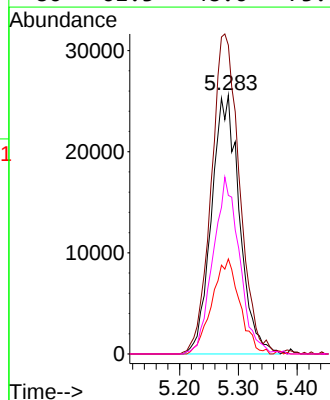
Manual Integrations
APPROVED

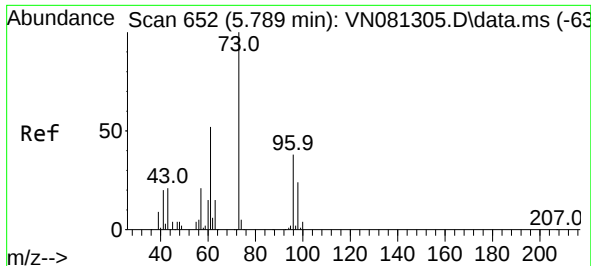
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#20
Methylene Chloride
Concen: 17.625 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

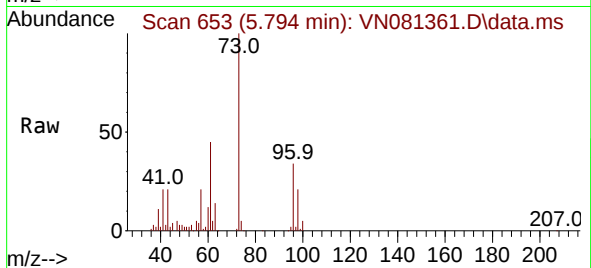
Tgt Ion: 84 Resp: 84372
Ion Ratio Lower Upper
84 100
49 119.4 108.1 162.1
51 36.7 32.9 49.3
86 61.3 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 16.180 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

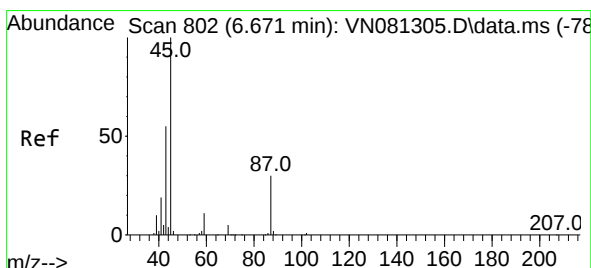
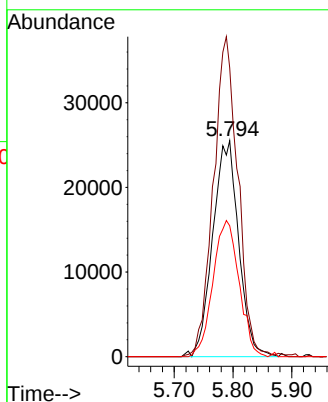
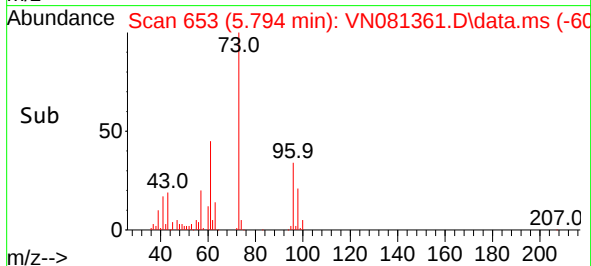
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 96 Resp: 78094
Ion Ratio Lower Upper
96 100
61 133.8 112.8 169.2
98 60.6 51.0 76.4

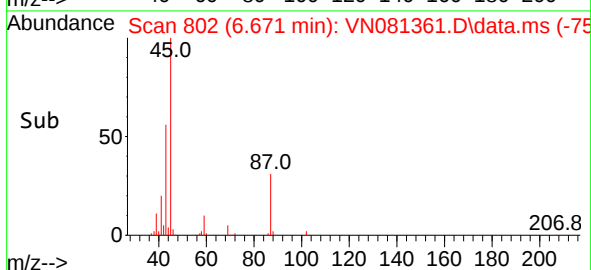
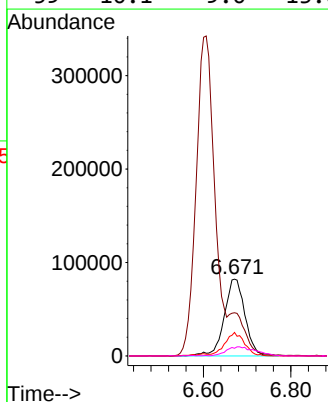
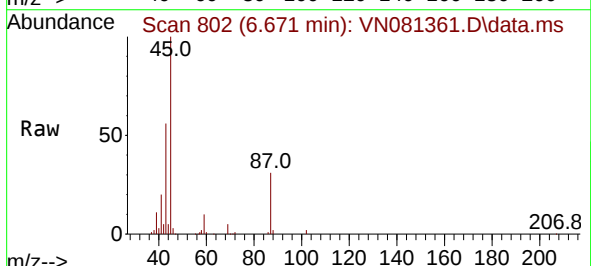
Manual Integrations
APPROVED

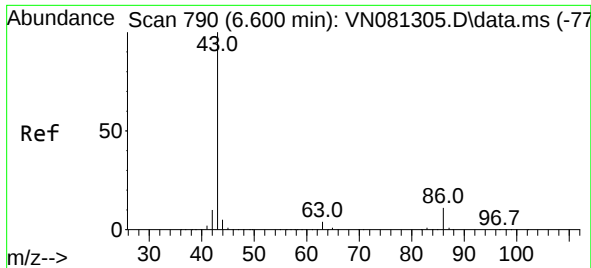
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#22
Diisopropyl ether
Concen: 19.058 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Tgt Ion: 45 Resp: 268945
Ion Ratio Lower Upper
45 100
43 55.1 41.8 62.8
87 30.4 18.1 27.1#
59 10.1 9.0 13.6





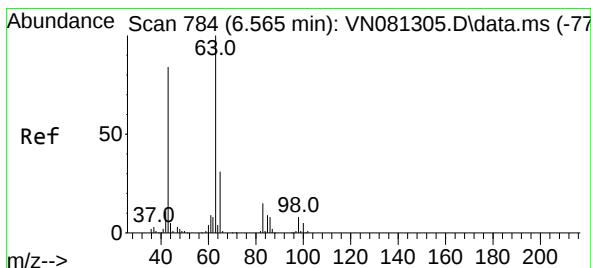
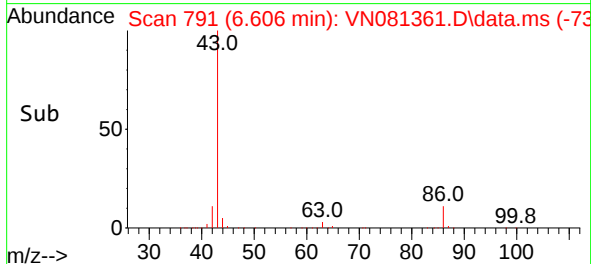
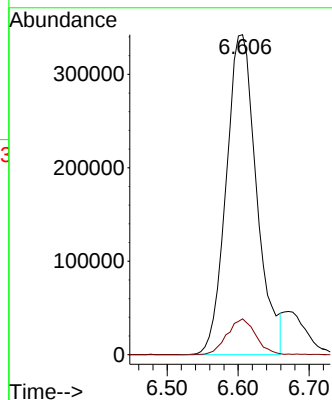
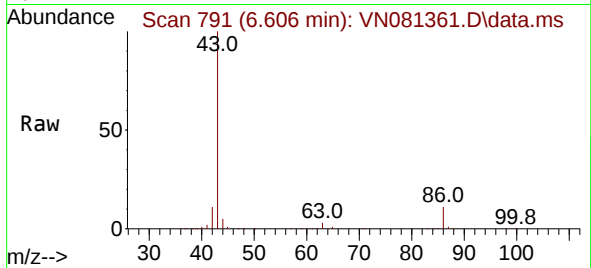
#23
 Vinyl Acetate
 Concen: 89.112 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081361.D
 Acq: 11 Mar 2024 14:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

Tgt Ion: 43 Resp: 102158
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7

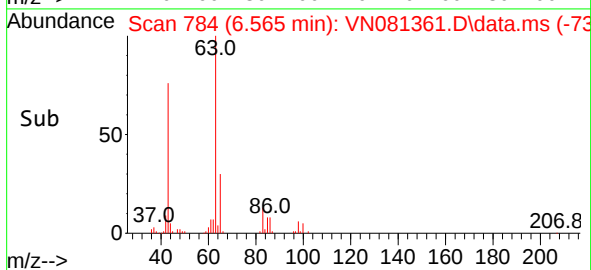
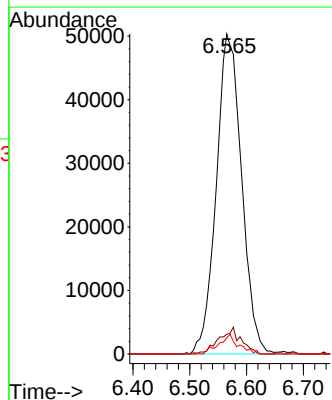
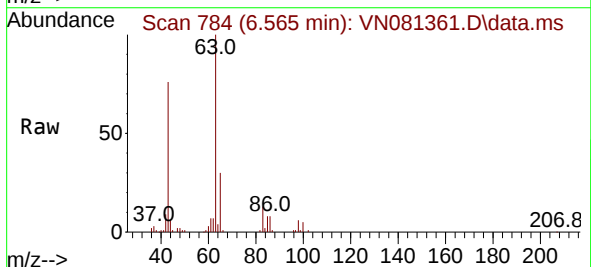
Manual Integrations
 APPROVED

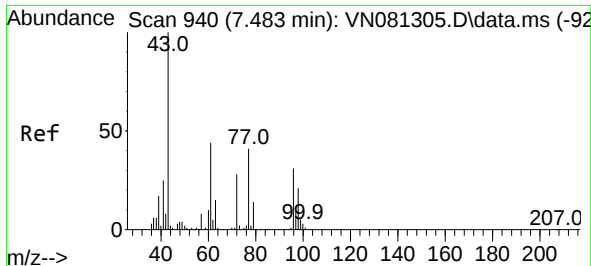
Reviewed By :John Carlone 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#24
 1,1-Dichloroethane
 Concen: 18.082 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081361.D
 Acq: 11 Mar 2024 14:16

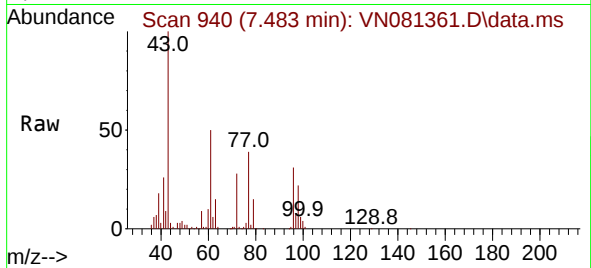
Tgt Ion: 63 Resp: 156196
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.6
 100 5.0 1.9 5.7





#25
2-Butanone
Concen: 84.678 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

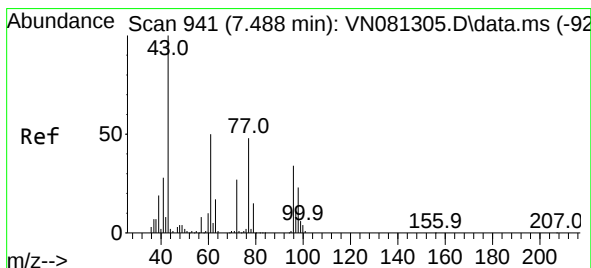
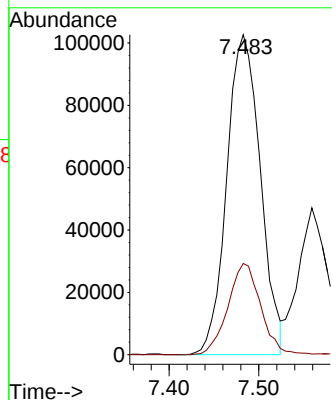
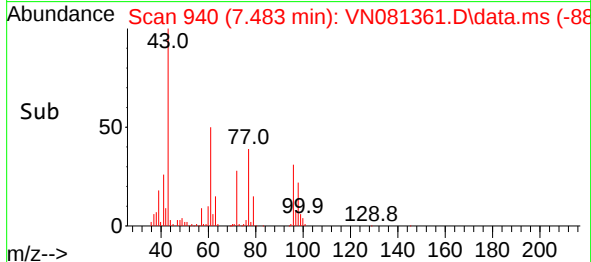
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



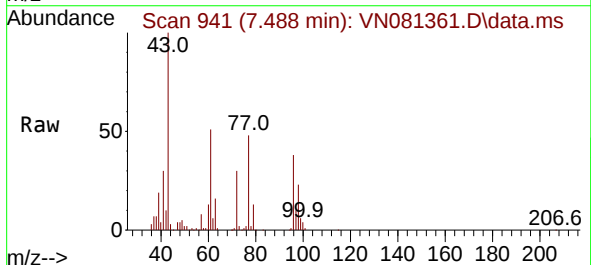
Tgt Ion: 43 Resp: 266870
Ion Ratio Lower Upper
43 100
72 28.5 19.5 29.3

Manual Integrations
APPROVED

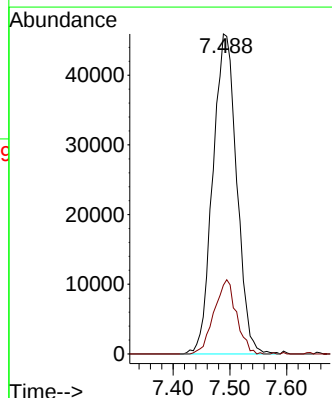
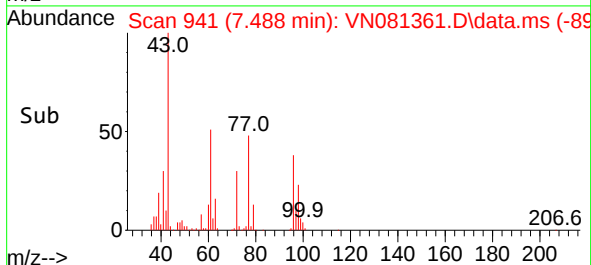
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

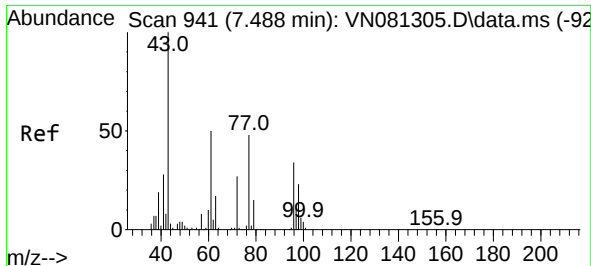


#26
2,2-Dichloropropane
Concen: 17.557 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



Tgt Ion: 77 Resp: 134041
Ion Ratio Lower Upper
77 100
97 21.7 11.5 34.5





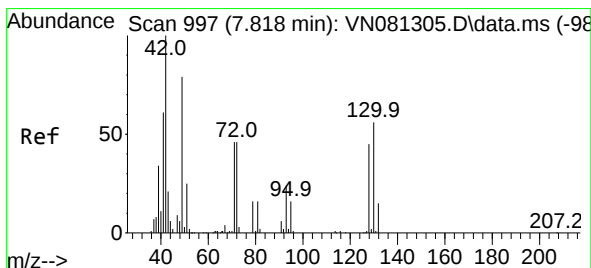
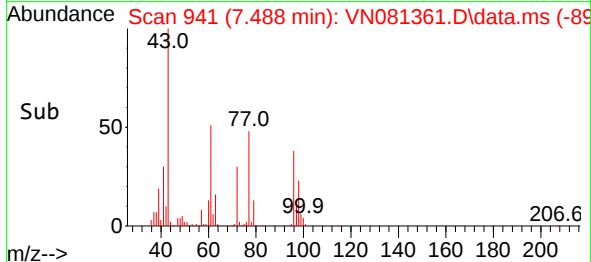
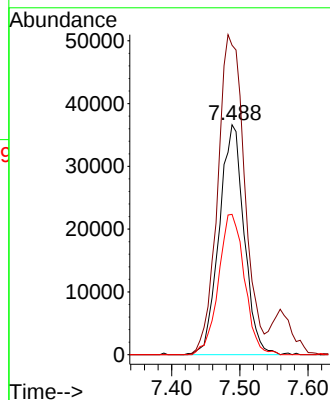
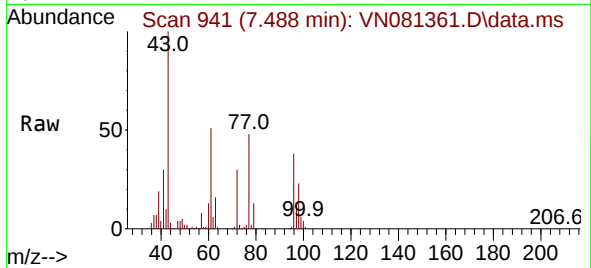
#27
 cis-1,2-Dichloroethene
 Concen: 17.015 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081361.D
 Acq: 11 Mar 2024 14:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

Tgt Ion: 96 Resp: 9311
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 325.4
 98 63.7 0.0 130.4

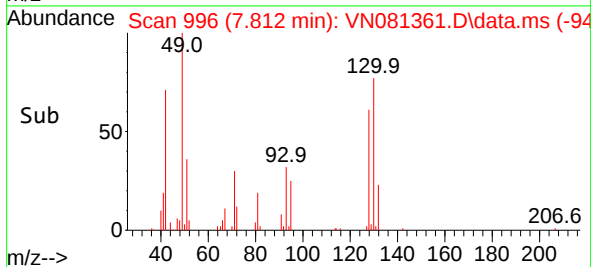
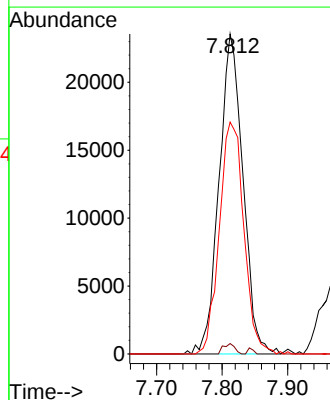
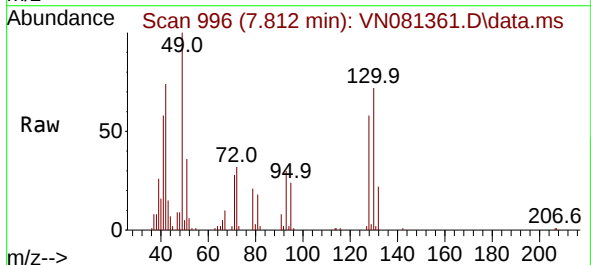
Manual Integrations
 APPROVED

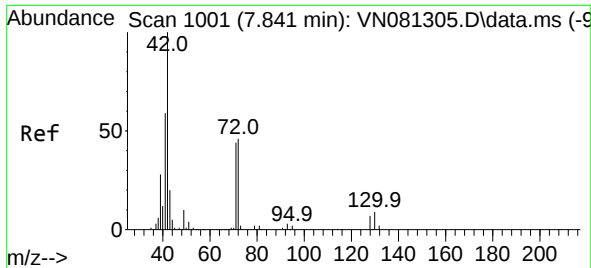
Reviewed By :John Carlone 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#28
 Bromochloromethane
 Concen: 16.103 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081361.D
 Acq: 11 Mar 2024 14:16

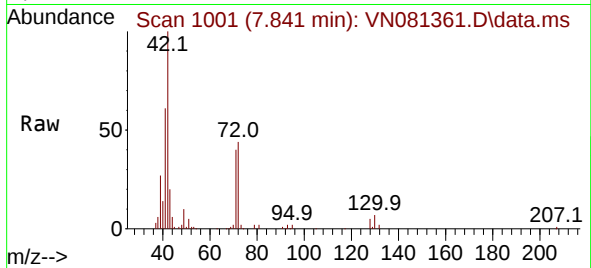
Tgt Ion: 49 Resp: 59521
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 1.6
 130 74.5 42.3 63.5#





#29
Tetrahydrofuran
Concen: 82.235 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

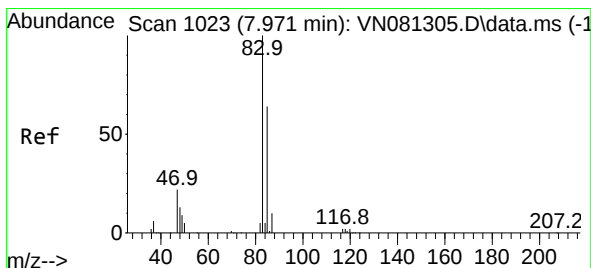
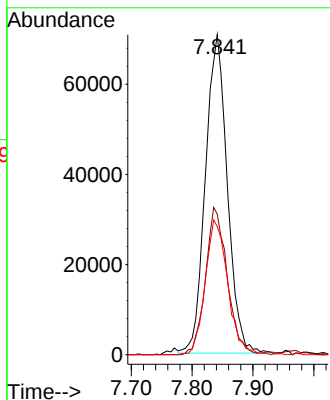
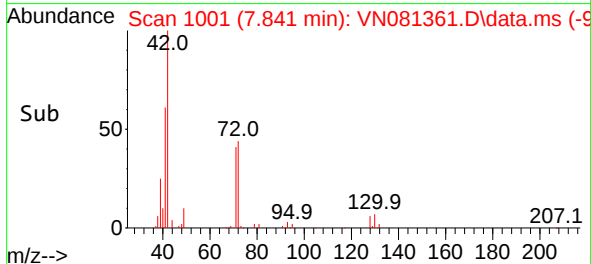
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



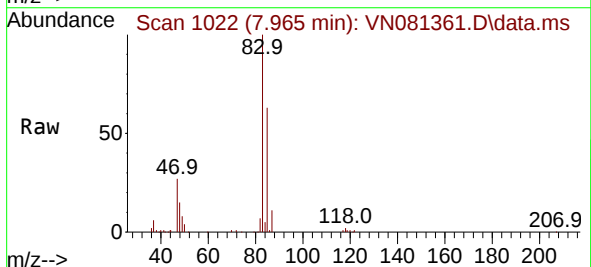
Tgt Ion: 42 Resp: 176732
Ion Ratio Lower Upper
42 100
72 45.7 31.1 46.7
71 43.5 28.3 42.5

Manual Integrations
APPROVED

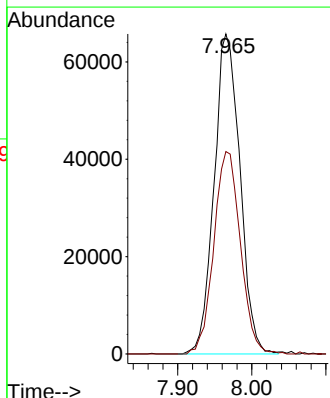
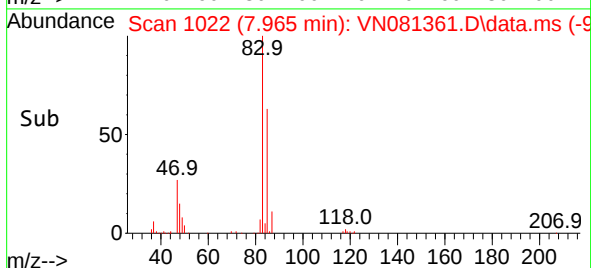
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

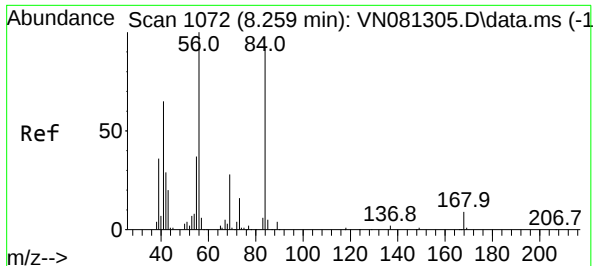


#30
Chloroform
Concen: 17.779 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



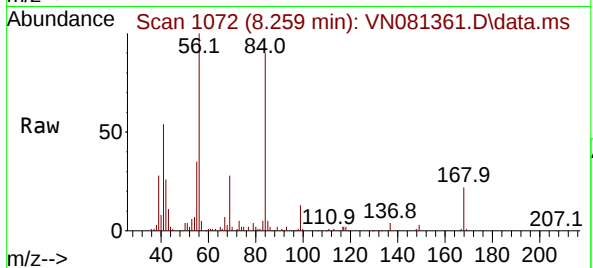
Tgt Ion: 83 Resp: 159374
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.6





#31
Cyclohexane
Concen: 17.352 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

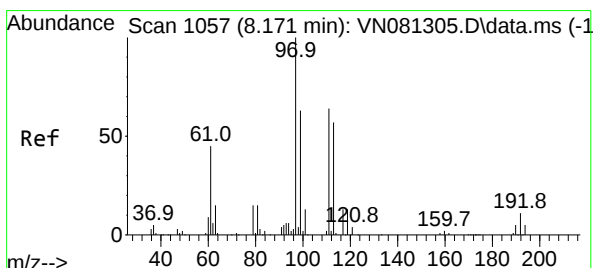
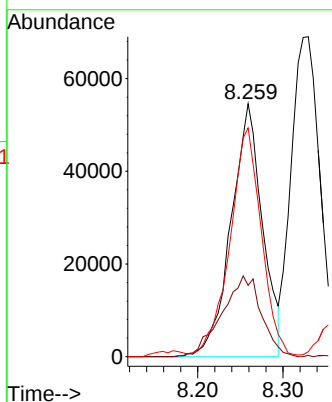
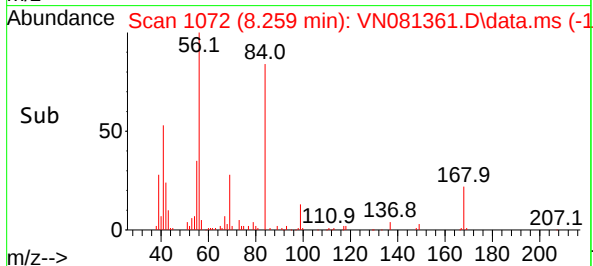
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 56 Resp: 13953
Ion Ratio Lower Upper
56 100
69 27.8 20.1 30.1
84 88.4 56.9 85.3

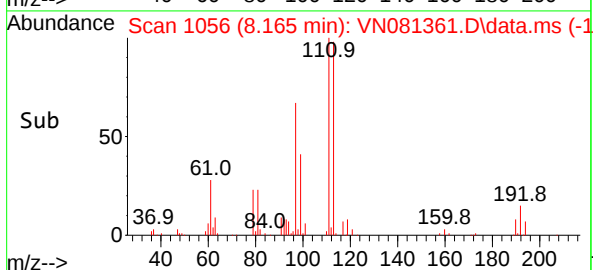
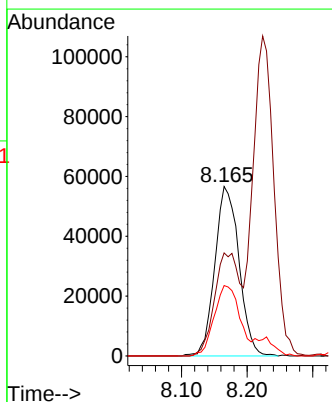
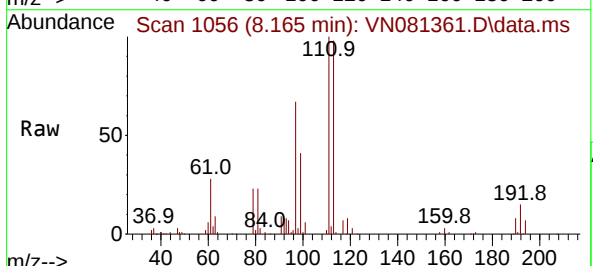
Manual Integrations
APPROVED

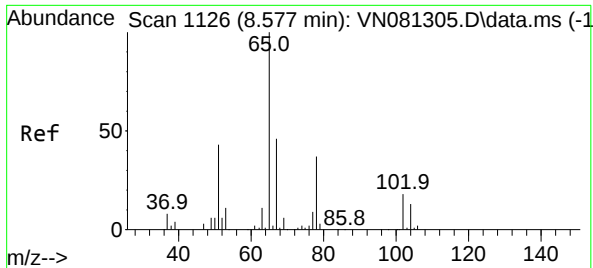
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#32
1,1,1-Trichloroethane
Concen: 18.272 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

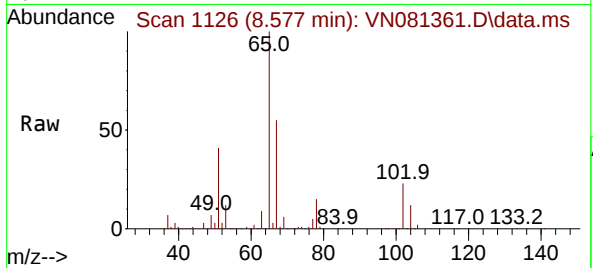
Tgt Ion: 97 Resp: 144782
Ion Ratio Lower Upper
97 100
99 64.7 53.4 80.0
61 43.9 43.8 65.8





#33
 1,2-Dichloroethane-d4
 Concen: 49.058 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN081361.D
 Acq: 11 Mar 2024 14:16

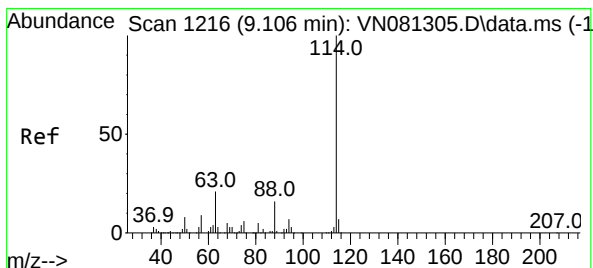
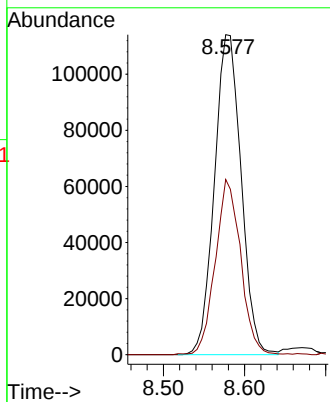
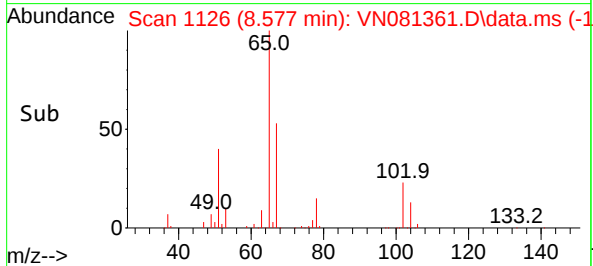
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01



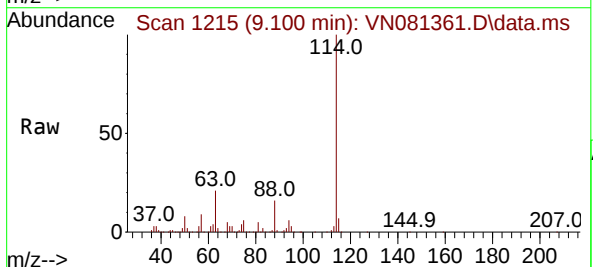
Tgt Ion: 65 Resp: 260570
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.4

Manual Integrations
 APPROVED

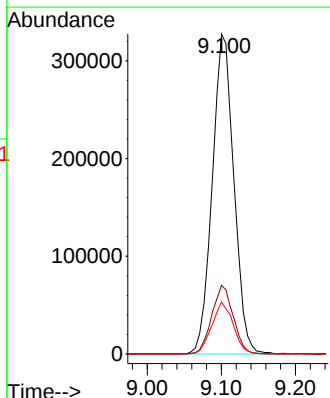
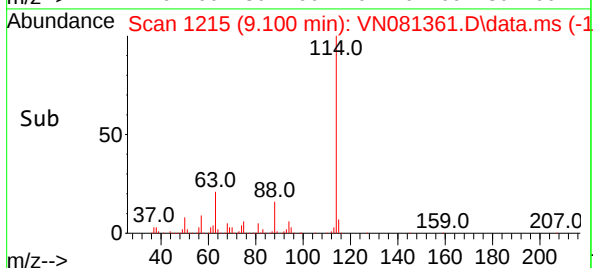
Reviewed By :John Carlone 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

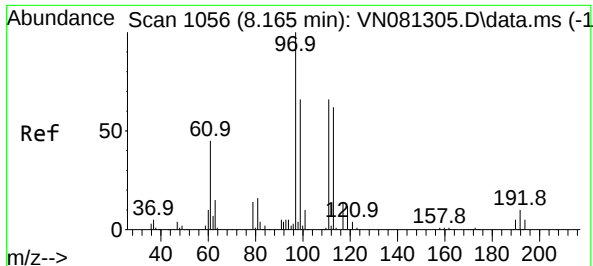


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN081361.D
 Acq: 11 Mar 2024 14:16



Tgt Ion:114 Resp: 662912
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 48.0
 88 16.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.246 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion: 113 Resp: 195949

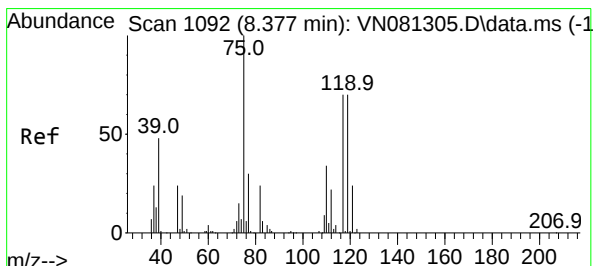
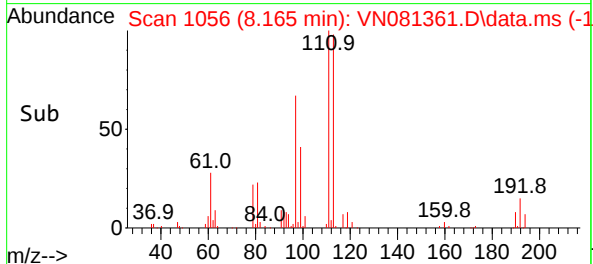
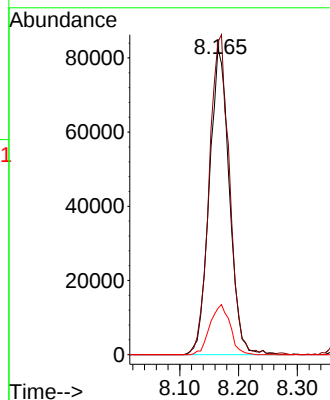
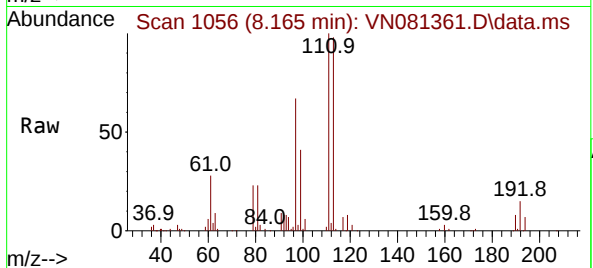
Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.2	123.4
192	16.4	12.5	18.7

Manual Integrations

APPROVED

Reviewed By : John Carlone 03/12/2024

Supervised By : Mahesh Dadoda 03/12/2024



#36

1,1-Dichloropropene

Concen: 17.865 ug/l

RT: 8.371 min Scan# 1091

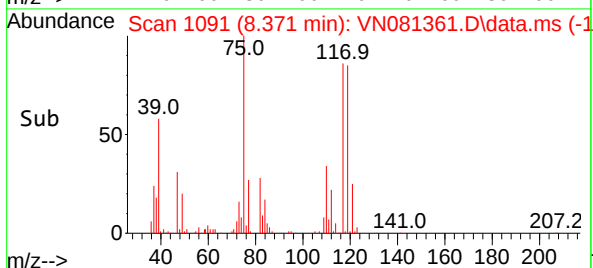
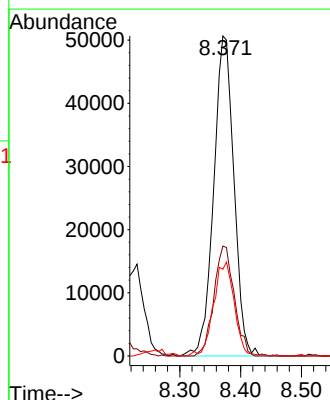
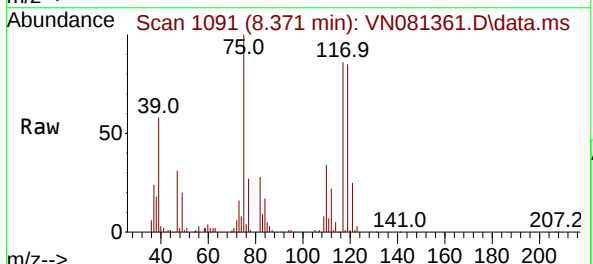
Delta R.T. -0.006 min

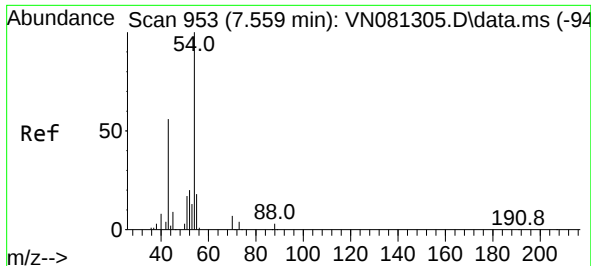
Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Tgt Ion: 75 Resp: 117058

Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.0	48.0
77	30.0	25.8	38.6





#37

Ethyl Acetate

Concen: 17.773 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion: 43 Resp: 11383

Ion Ratio Lower Upper

43 100

61 13.5 10.6 15.8

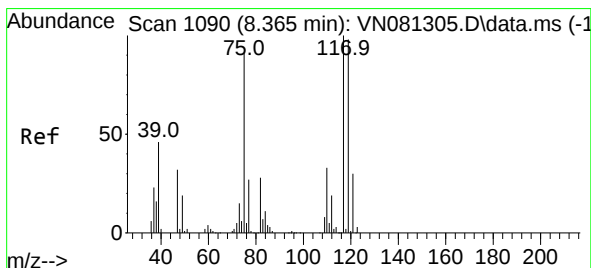
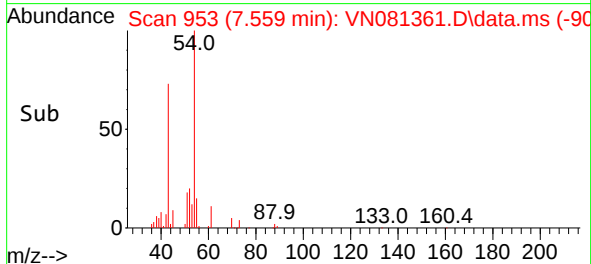
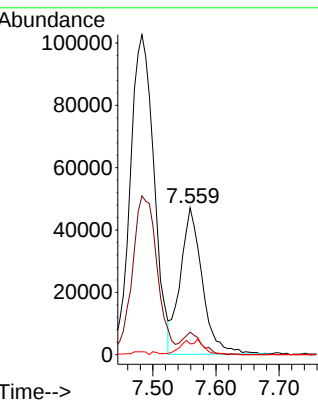
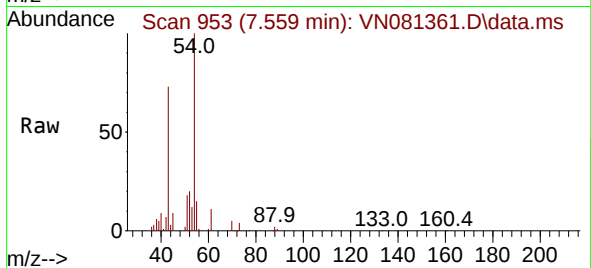
70 4.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#38

Carbon Tetrachloride

Concen: 18.171 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

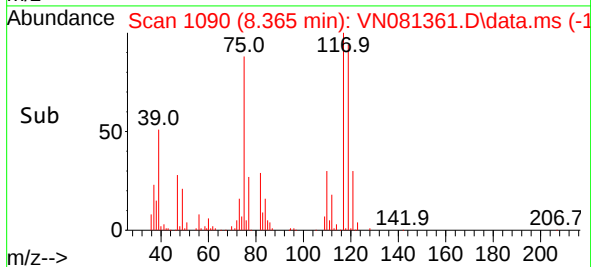
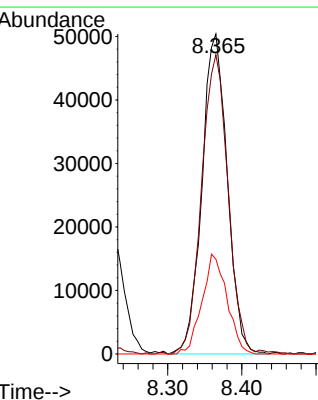
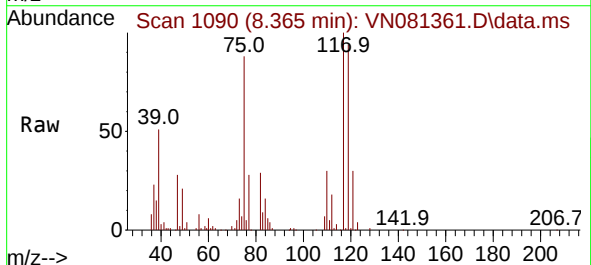
Tgt Ion:117 Resp: 119832

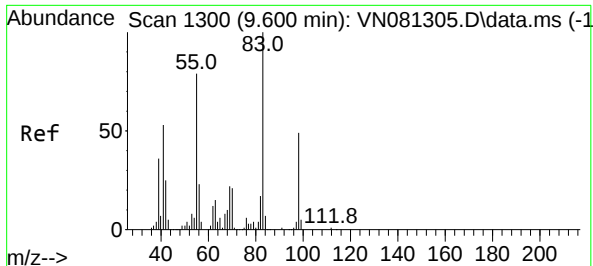
Ion Ratio Lower Upper

117 100

119 93.5 73.4 110.2

121 29.7 24.4 36.6





#39

Methylcyclohexane

Concen: 17.314 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

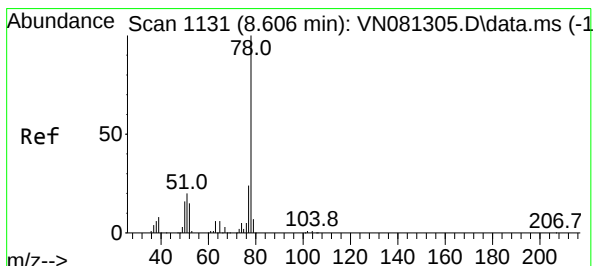
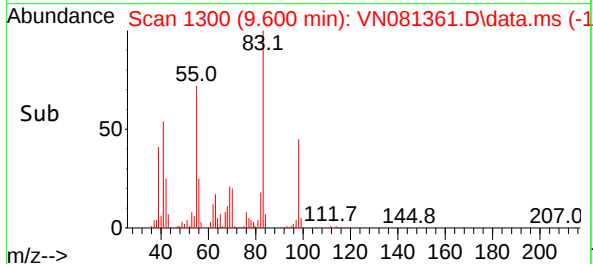
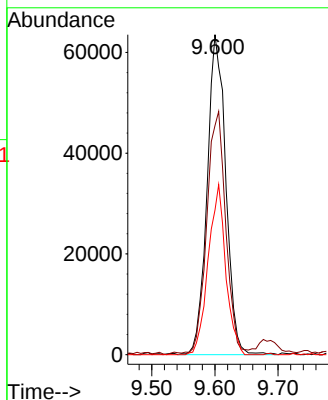
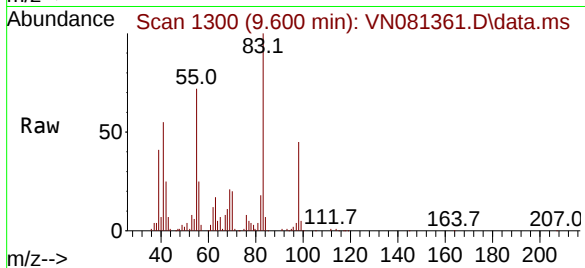
Tgt Ion:	83	Resp:	130564
Ion Ratio	Lower	Upper	
83	100		
55	71.0	65.7	98.5
98	45.2	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#40

Benzene

Concen: 17.893 ug/l

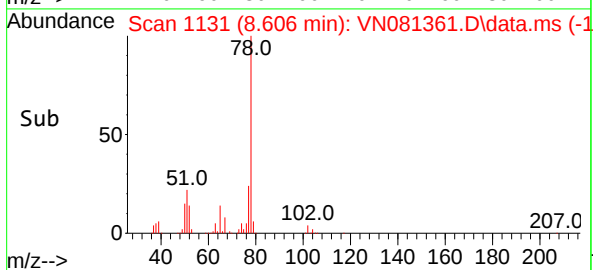
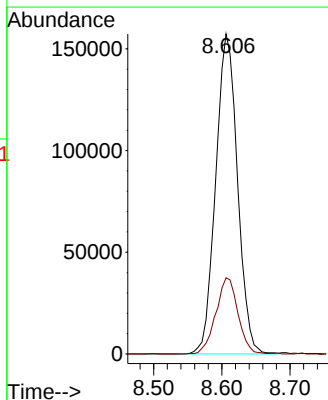
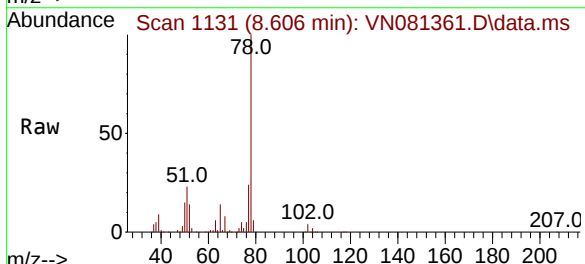
RT: 8.606 min Scan# 1131

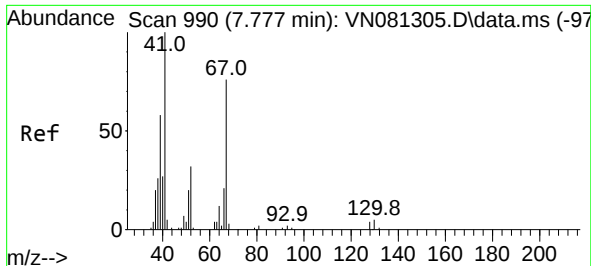
Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

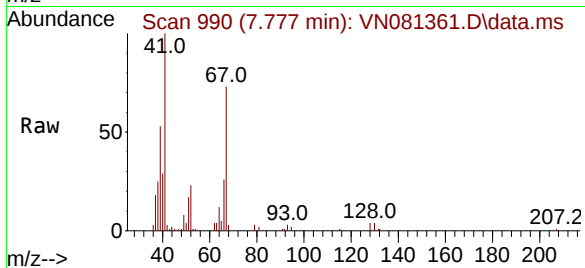
Tgt Ion:	78	Resp:	349956
Ion Ratio	Lower	Upper	
78	100		
77	23.8	20.4	30.6





#41
Methacrylonitrile
Concen: 17.972 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

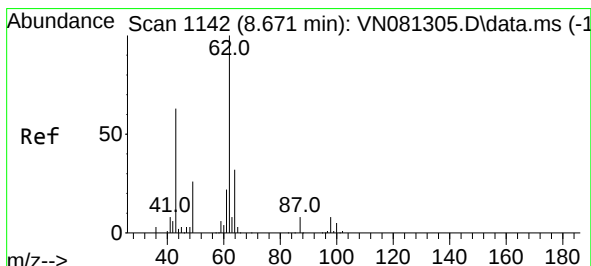
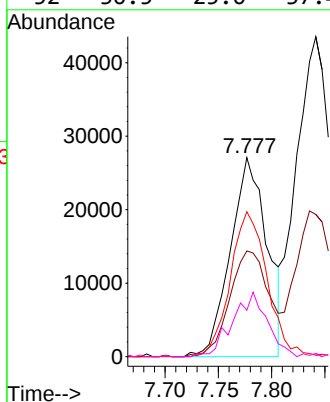
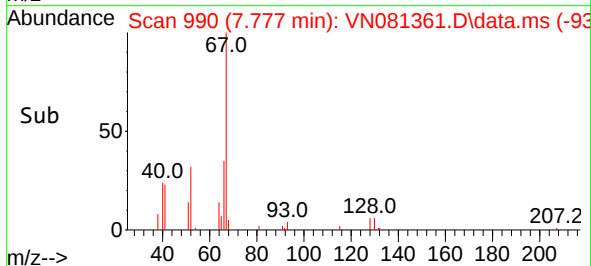
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 41 Resp: 6500
Ion Ratio Lower Upper
41 100
39 56.1 48.4 72.6
67 73.5 56.8 85.2
52 30.5 25.0 37.4

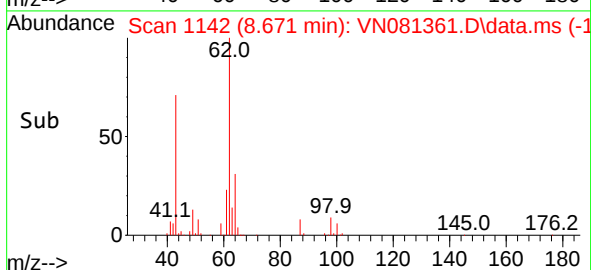
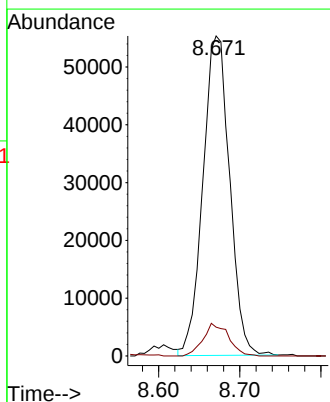
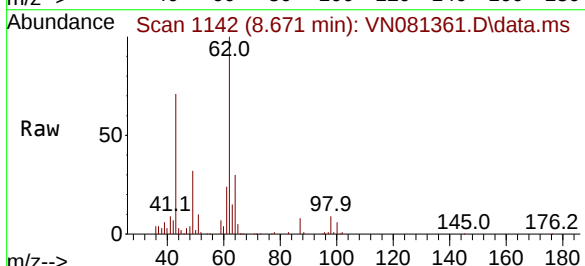
Manual Integrations
APPROVED

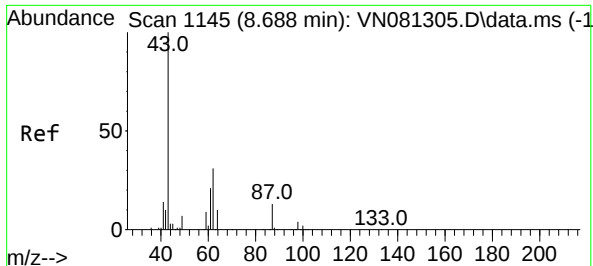
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#42
1,2-Dichloroethane
Concen: 18.339 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Tgt Ion: 62 Resp: 126461
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.0





#43

Isopropyl Acetate

Concen: 17.594 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion: 43 Resp: 197240

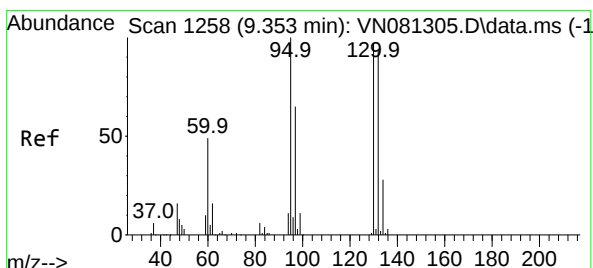
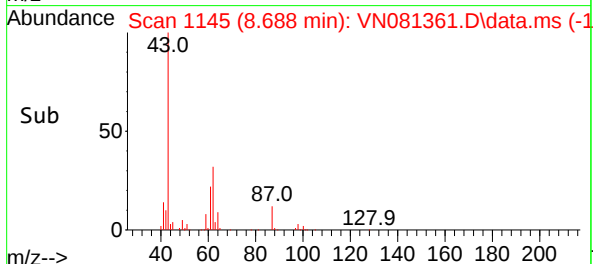
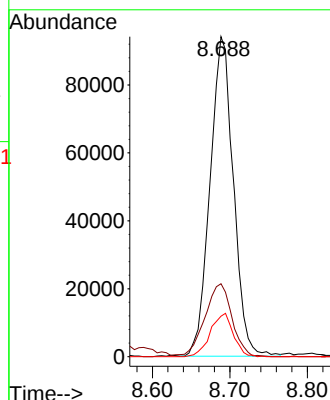
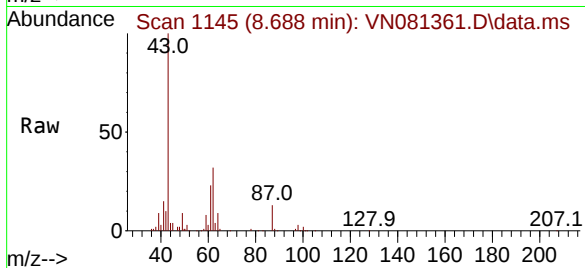
Ion	Ratio	Lower	Upper
43	100		
61	26.4	19.9	29.9
87	13.3	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#44

Trichloroethene

Concen: 18.497 ug/l

RT: 9.353 min Scan# 1258

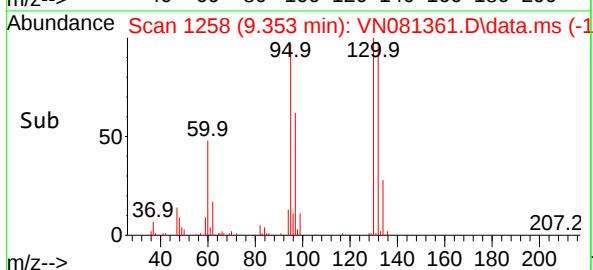
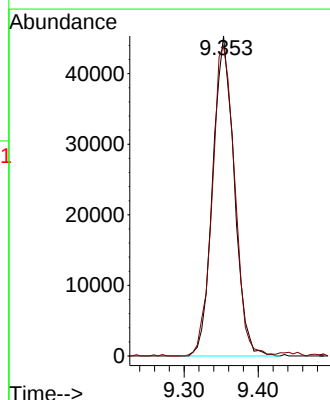
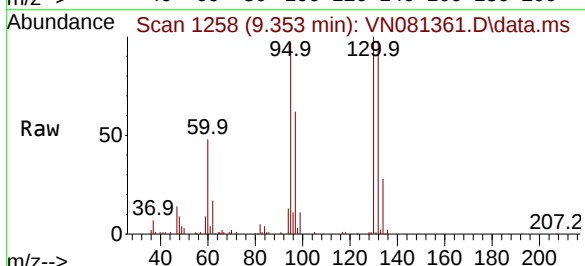
Delta R.T. 0.000 min

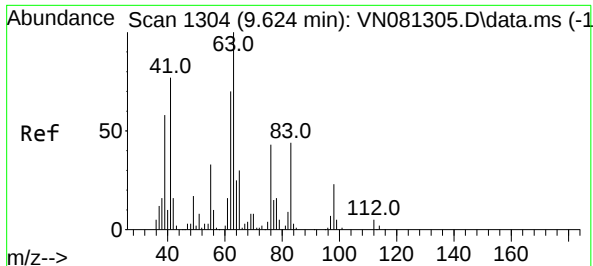
Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Tgt Ion:130 Resp: 91240

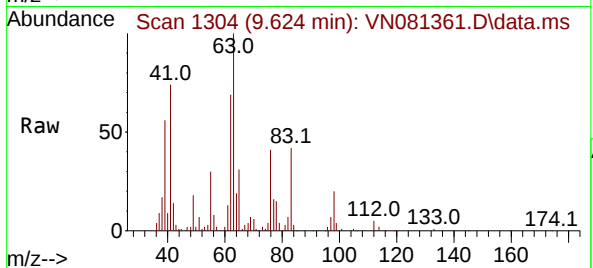
Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	210.4





#45
1,2-Dichloropropane
Concen: 18.560 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

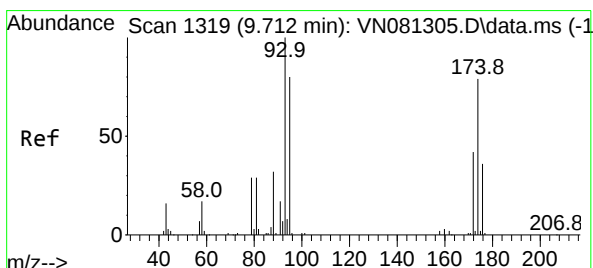
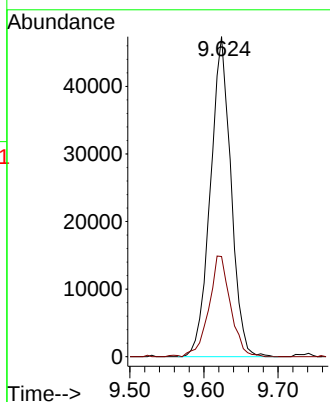
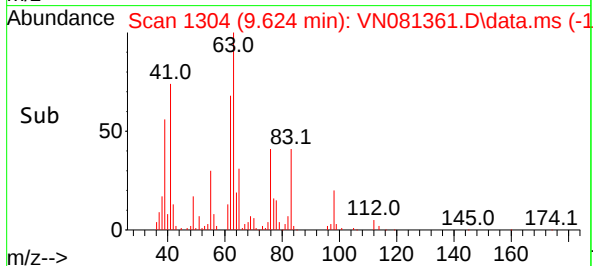
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



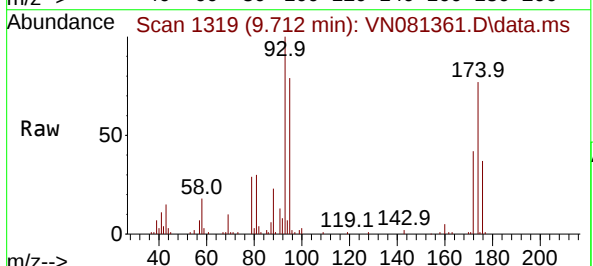
Tgt Ion: 63 Resp: 91190
Ion Ratio Lower Upper
63 100
65 31.3 26.1 39.1

Manual Integrations
APPROVED

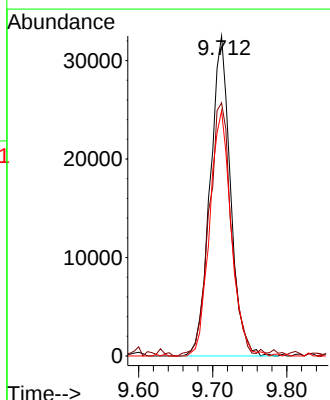
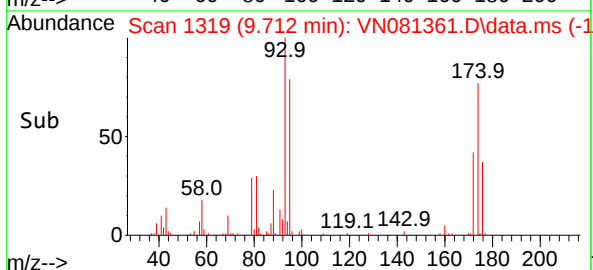
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

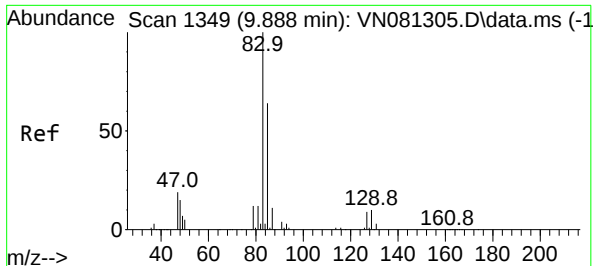


#46
Dibromomethane
Concen: 17.928 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



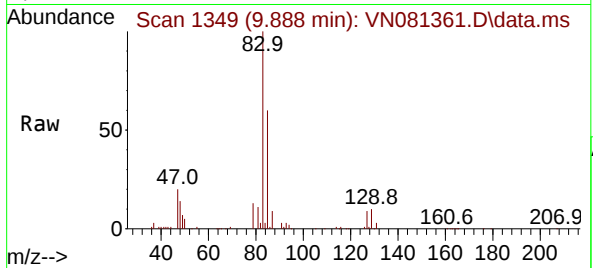
Tgt Ion: 93 Resp: 62086
Ion Ratio Lower Upper
93 100
95 86.0 68.1 102.1
174 80.7 57.2 85.8





#47
Bromodichloromethane
Concen: 18.474 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

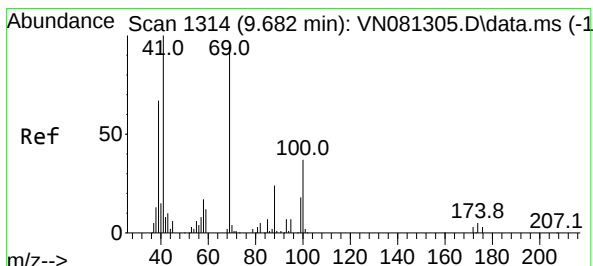
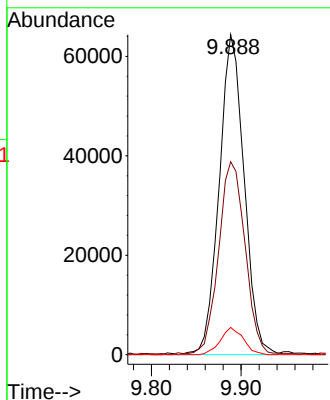
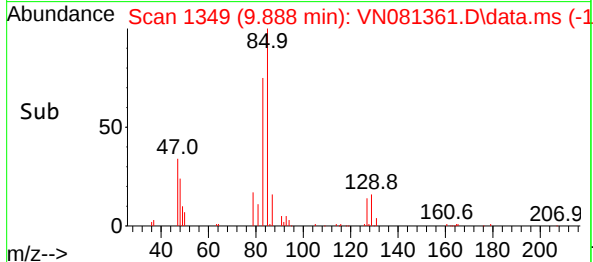
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



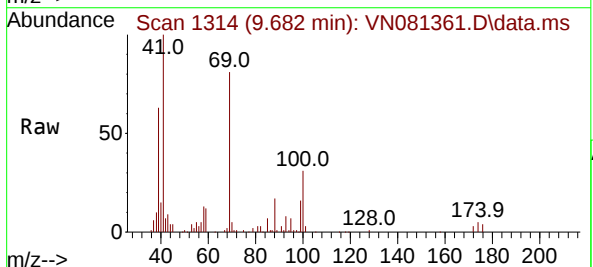
Tgt Ion: 83 Resp: 124198
Ion Ratio Lower Upper
83 100
85 59.8 52.3 78.5
127 8.5 4.6 7.0

Manual Integrations
APPROVED

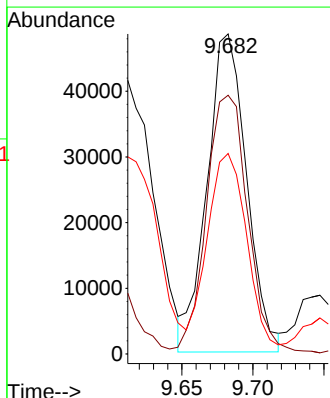
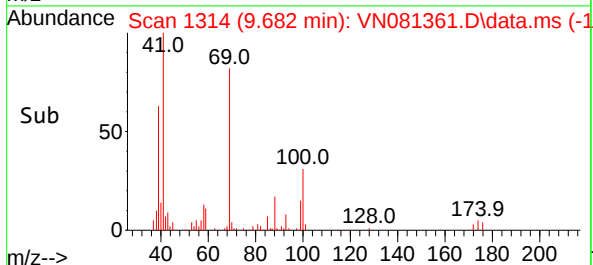
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

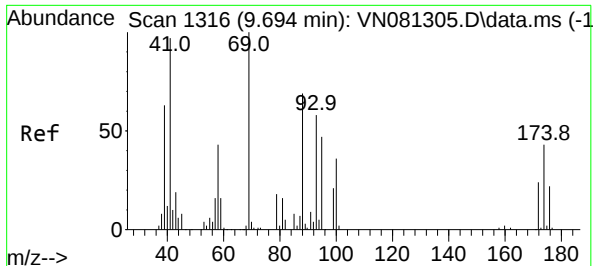


#48
Methyl methacrylate
Concen: 18.914 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



Tgt Ion: 41 Resp: 93728
Ion Ratio Lower Upper
41 100
69 85.2 62.2 93.2
39 63.5 47.6 71.4





#49

1,4-Dioxane

Concen: 292.492 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

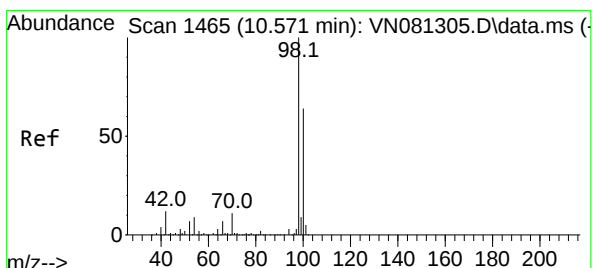
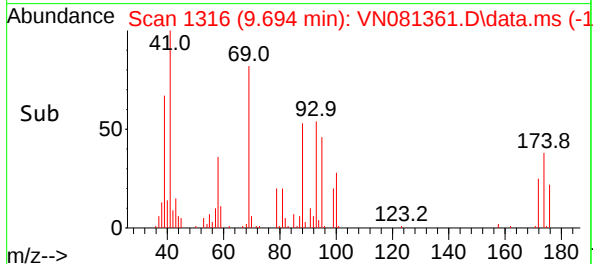
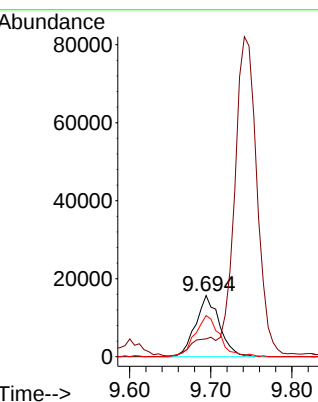
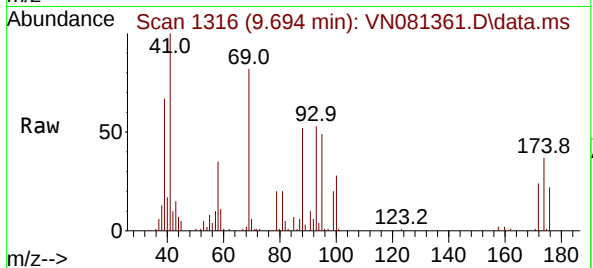
Tgt Ion: 88 Resp: 3194
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.1 45.1
 58 69.7 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#50

Toluene-d8

Concen: 50.027 ug/l

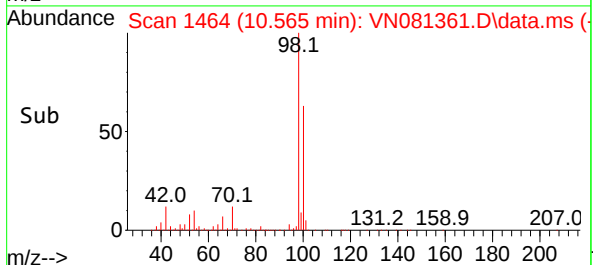
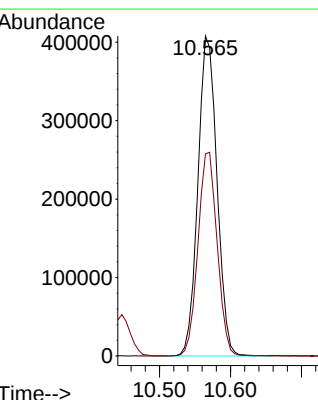
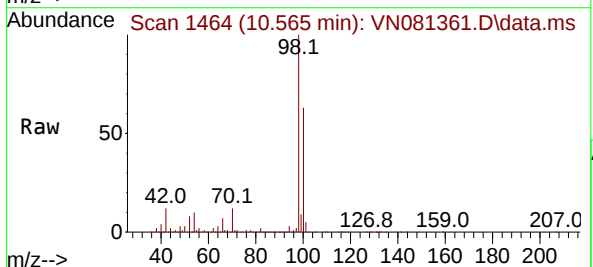
RT: 10.565 min Scan# 1464

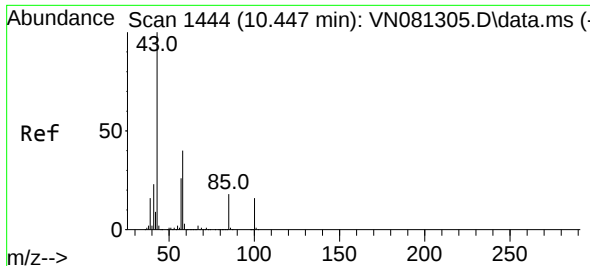
Delta R.T. -0.006 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

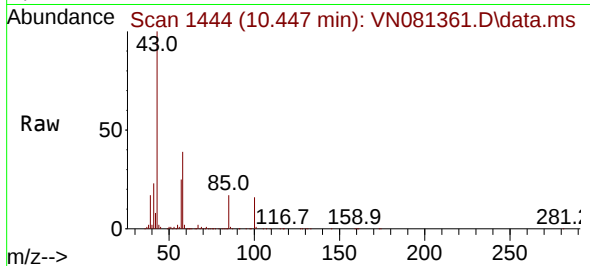
Tgt Ion: 98 Resp: 759543
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 91.982 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

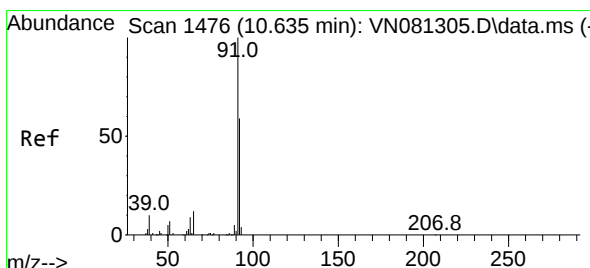
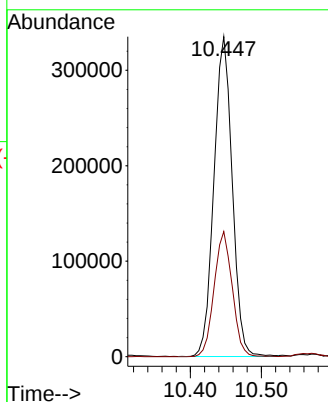
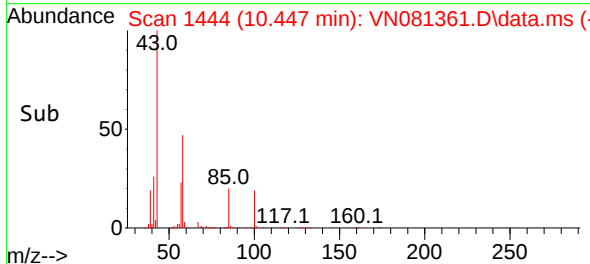
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 43 Resp: 59876
Ion Ratio Lower Upper
43 100
58 38.8 29.4 44.0

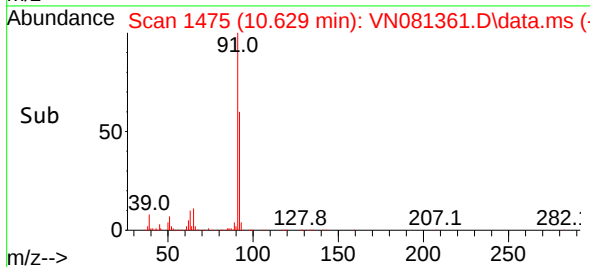
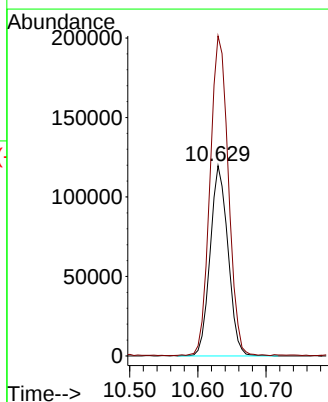
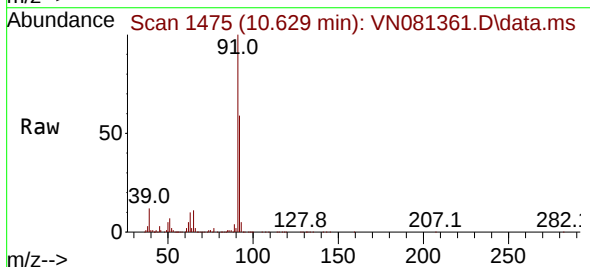
Manual Integrations
APPROVED

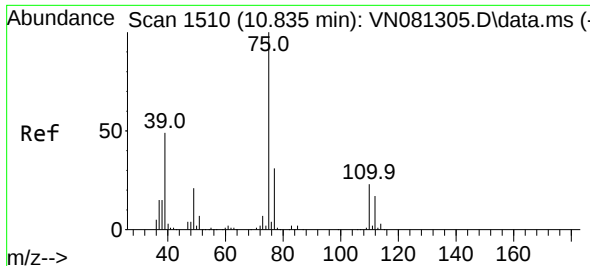
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#52
Toluene
Concen: 18.467 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

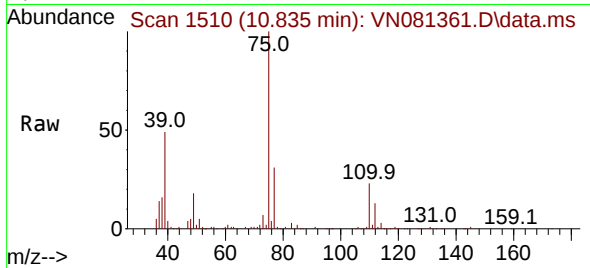
Tgt Ion: 92 Resp: 218176
Ion Ratio Lower Upper
92 100
91 172.7 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 18.738 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

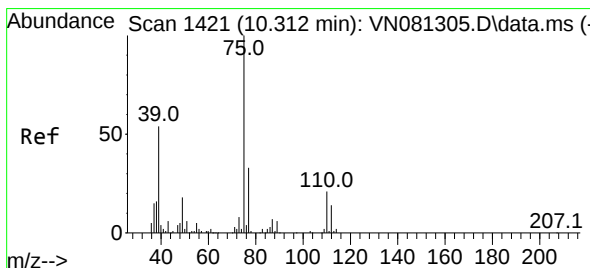
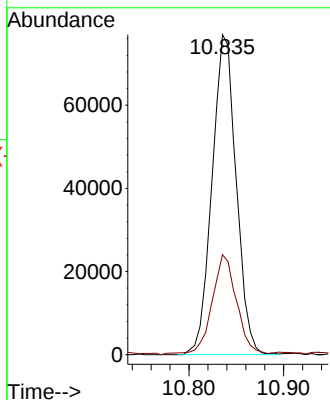
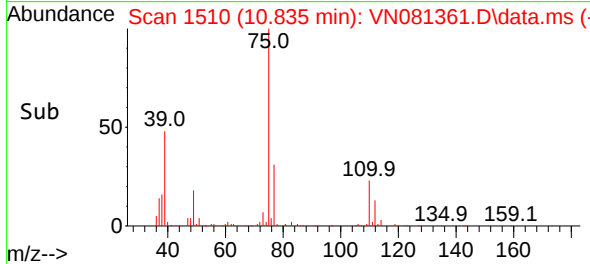
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



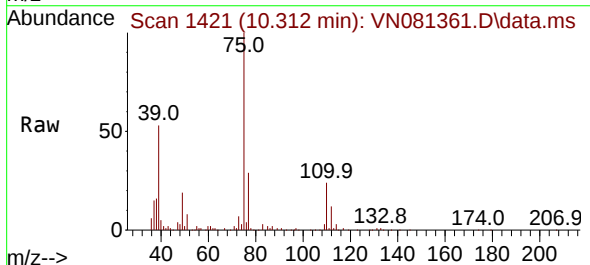
Tgt Ion: 75 Resp: 136304
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3

Manual Integrations
APPROVED

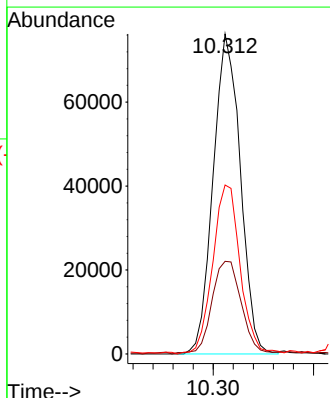
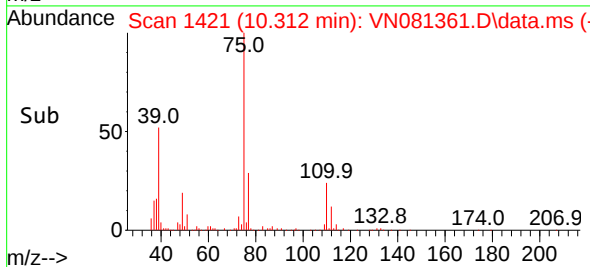
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

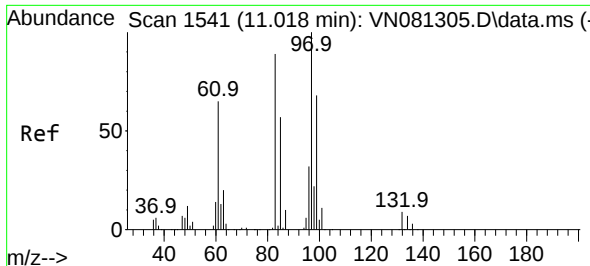


#54
cis-1,3-Dichloropropene
Concen: 18.218 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



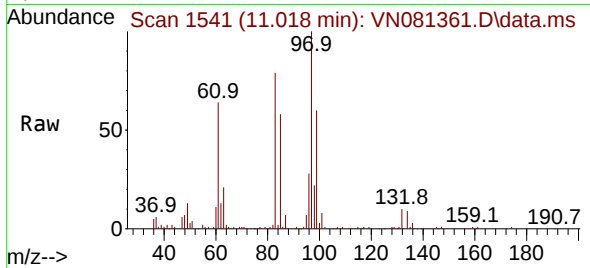
Tgt Ion: 75 Resp: 143060
Ion Ratio Lower Upper
75 100
77 28.5 23.3 34.9
39 52.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 18.424 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

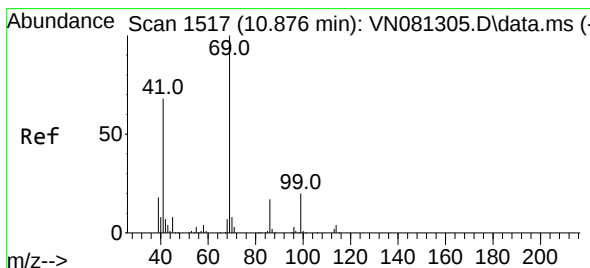
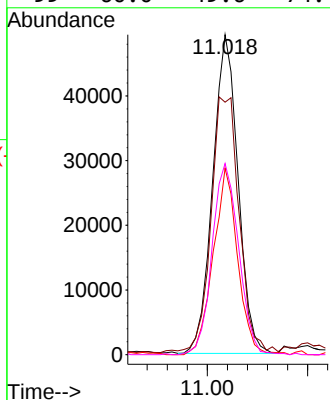
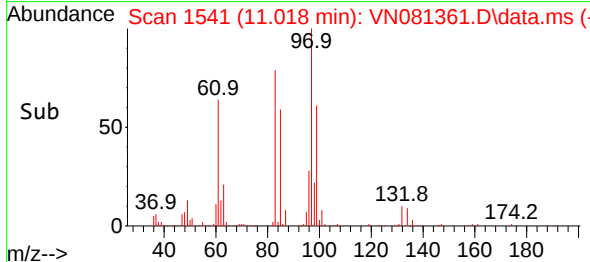
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



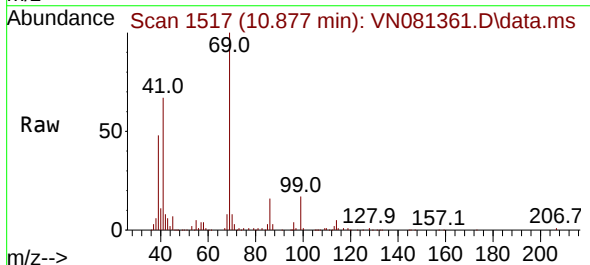
Tgt Ion: 97 Resp: 86319
Ion Ratio Lower Upper
97 100
83 78.2 72.9 109.3
85 58.5 50.2 75.2
99 60.0 49.6 74.4

Manual Integrations
APPROVED

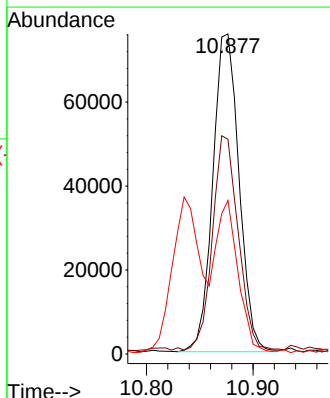
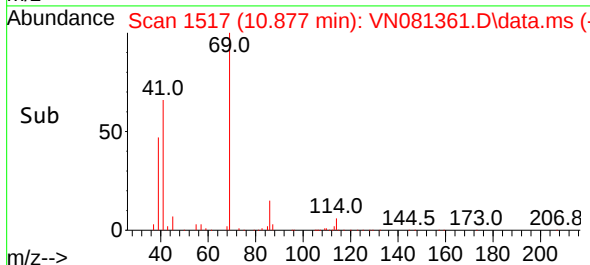
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

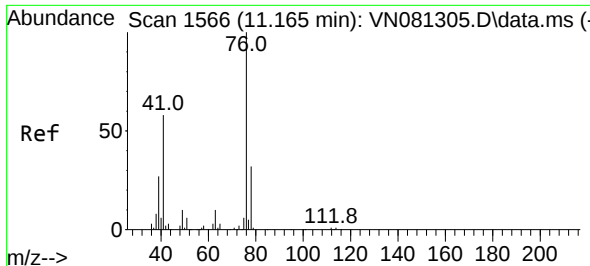


#56
Ethyl methacrylate
Concen: 19.256 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



Tgt Ion: 69 Resp: 129541
Ion Ratio Lower Upper
69 100
41 66.0 61.0 91.6
39 39.6 31.8 47.6





#57

1,3-Dichloropropane

Concen: 18.681 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion: 76 Resp: 152750

Ion Ratio Lower Upper

76 100

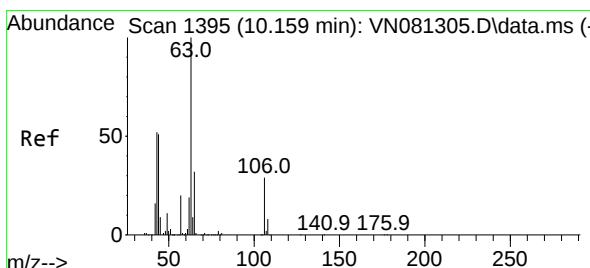
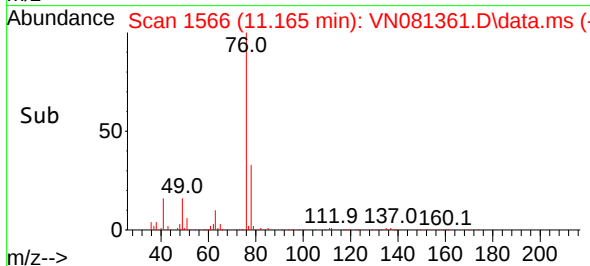
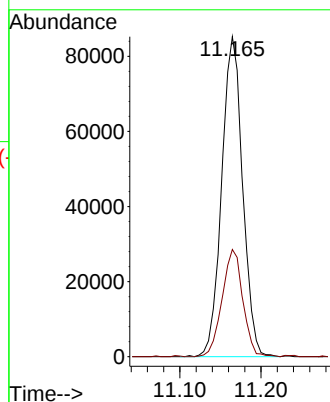
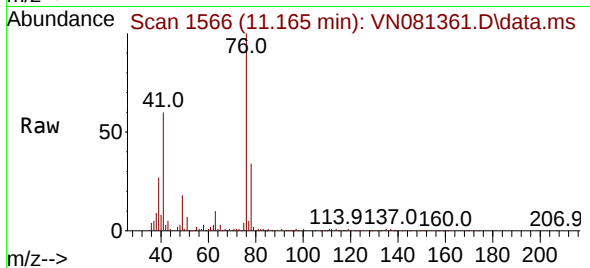
78 33.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#58

2-Chloroethyl Vinyl ether

Concen: 94.818 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081361.D

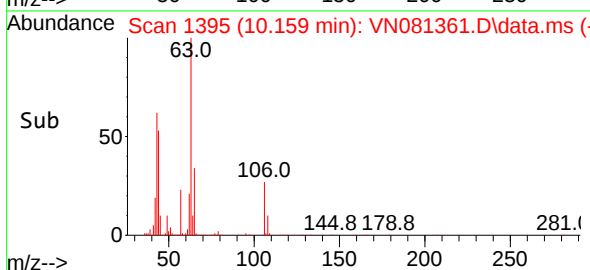
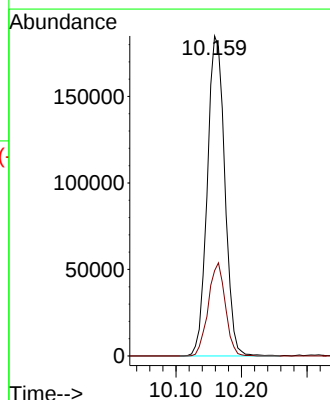
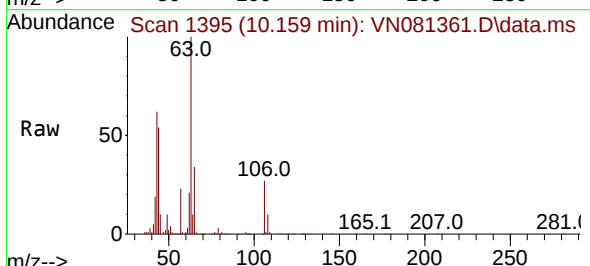
Acq: 11 Mar 2024 14:16

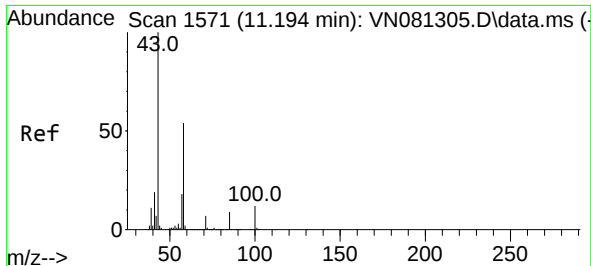
Tgt Ion: 63 Resp: 343128

Ion Ratio Lower Upper

63 100

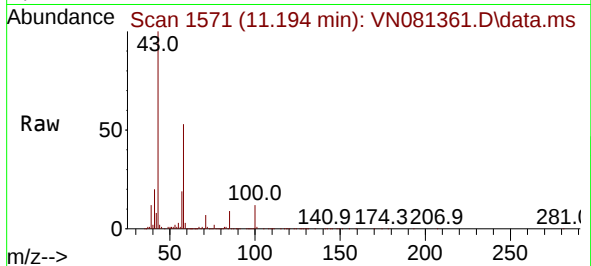
106 28.3 18.6 28.0#





#59
2-Hexanone
Concen: 91.284 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

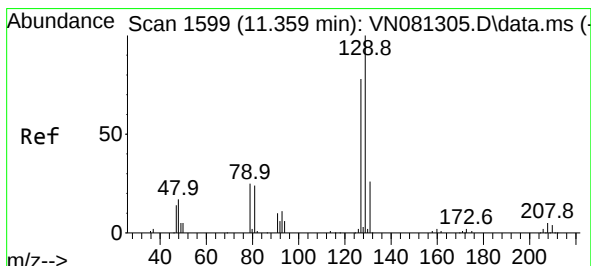
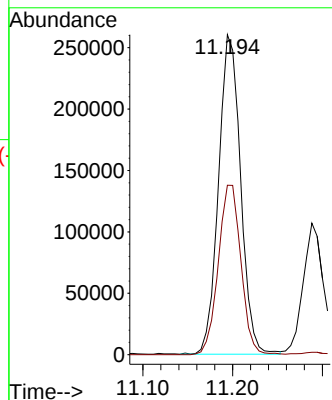
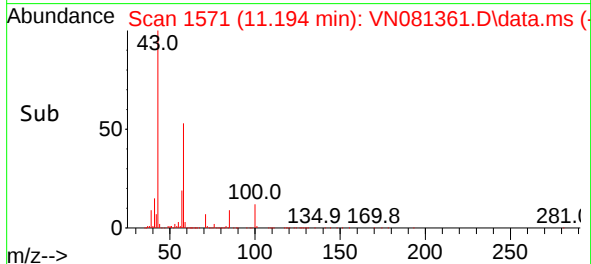
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 43 Resp: 44423
Ion Ratio Lower Upper
43 100
58 54.4 25.9 77.8

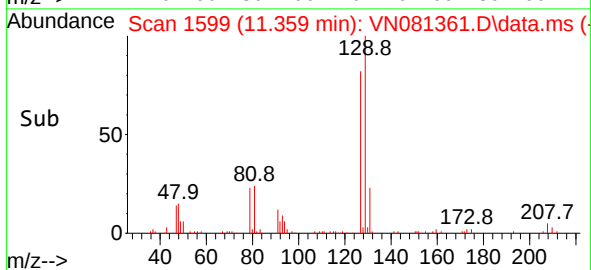
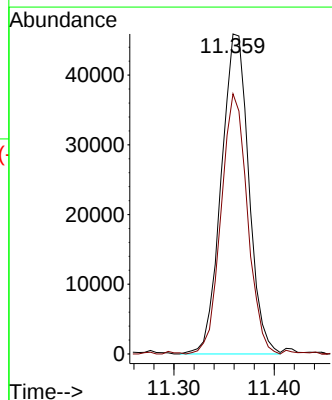
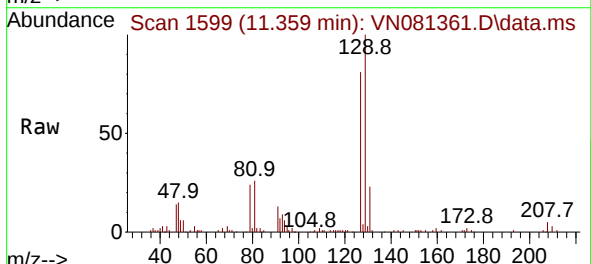
Manual Integrations
APPROVED

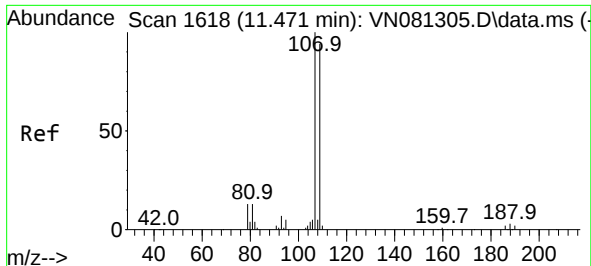
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#60
Dibromochloromethane
Concen: 18.176 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

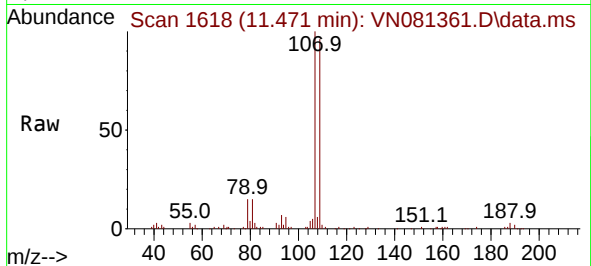
Tgt Ion:129 Resp: 87700
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 17.740 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

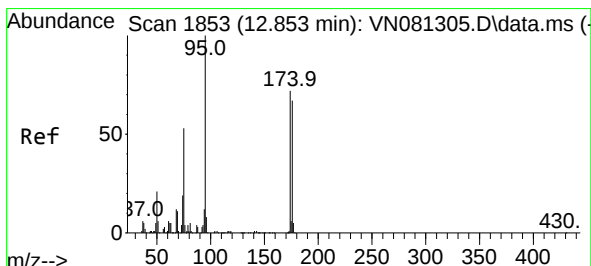
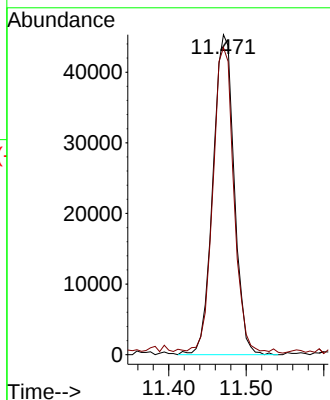
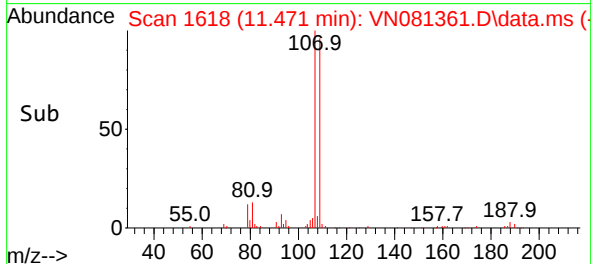
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



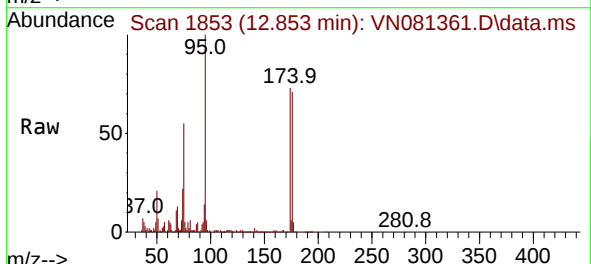
Tgt Ion:107 Resp: 8623
Ion Ratio Lower Upper
107 100
109 95.0 73.4 110.2

Manual Integrations
APPROVED

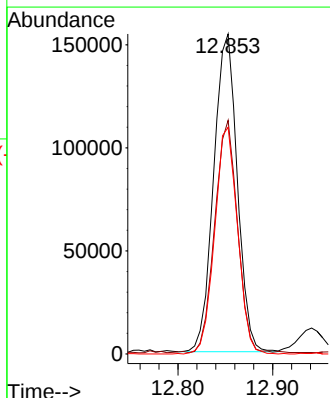
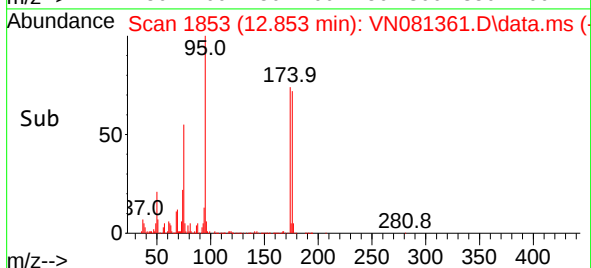
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

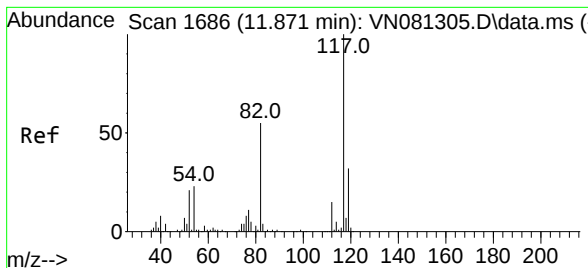


#62
4-Bromofluorobenzene
Concen: 49.767 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



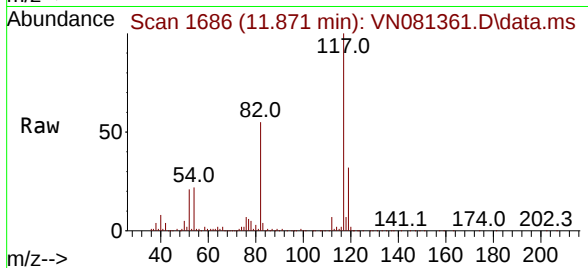
Tgt Ion: 95 Resp: 267057
Ion Ratio Lower Upper
95 100
174 70.2 0.0 120.4
176 69.2 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

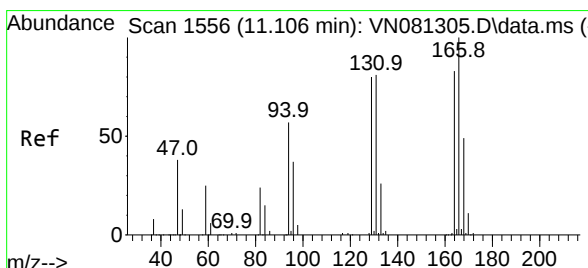
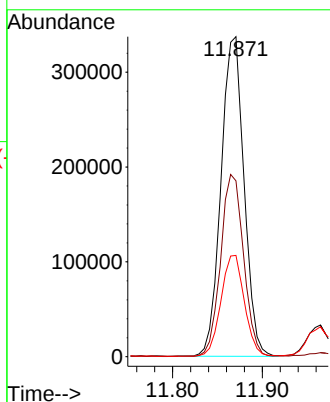
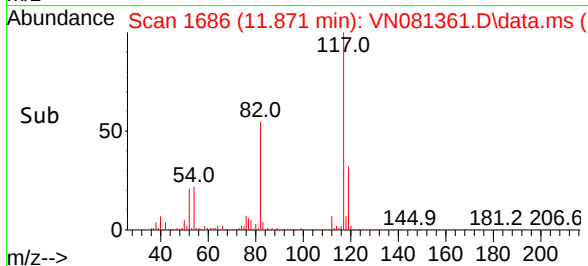
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion:117 Resp: 600110
Ion Ratio Lower Upper
117 100
82 54.8 52.7 79.1
119 31.5 25.3 37.9

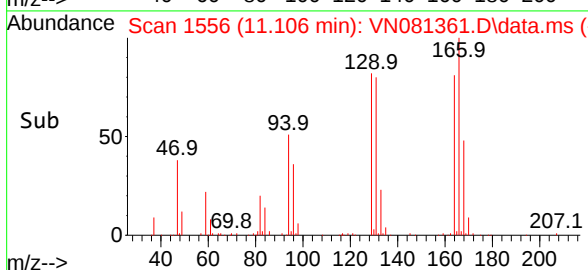
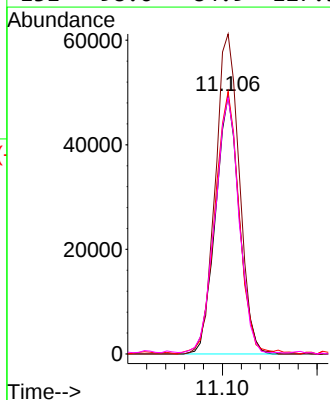
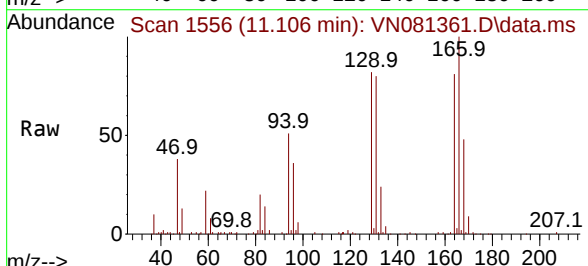
Manual Integrations
APPROVED

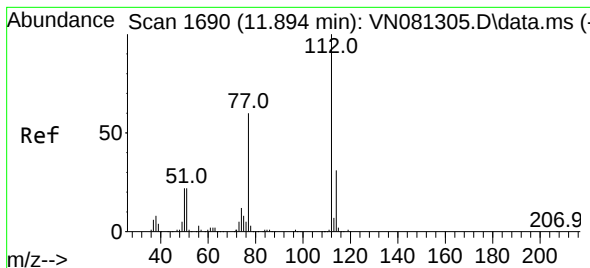
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#64
Tetrachloroethene
Concen: 18.269 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

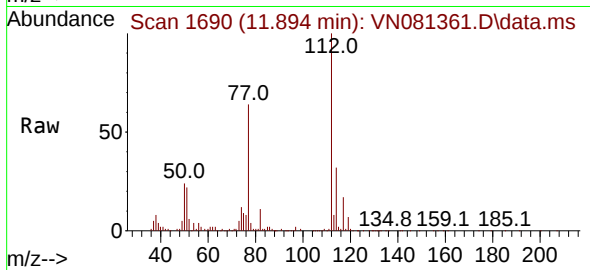
Tgt Ion:164 Resp: 85845
Ion Ratio Lower Upper
164 100
166 123.9 105.8 158.6
129 101.6 89.6 134.4
131 98.6 84.9 127.3





#65
Chlorobenzene
Concen: 17.953 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

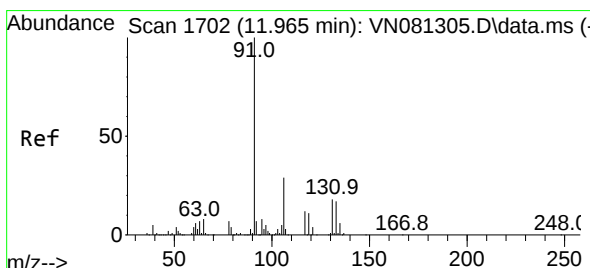
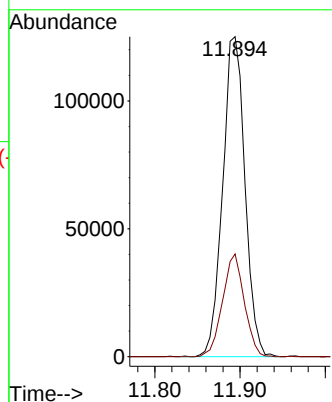
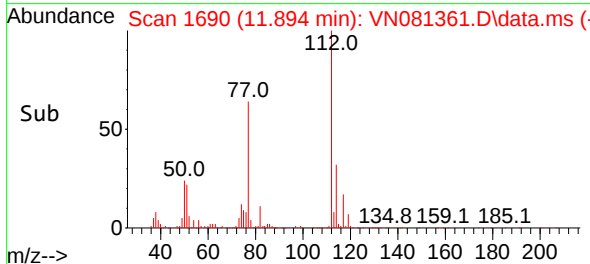
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



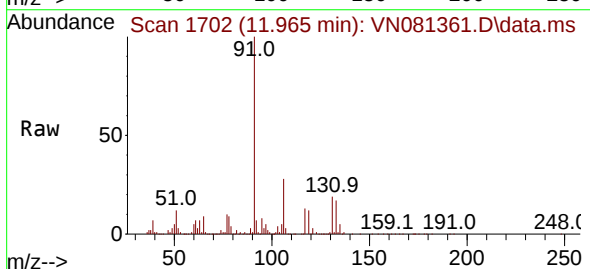
Tgt Ion:112 Resp: 227033
Ion Ratio Lower Upper
112 100
114 32.1 23.7 35.5

Manual Integrations
APPROVED

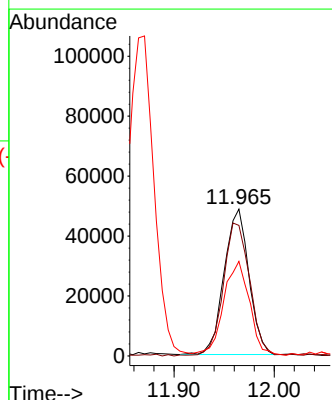
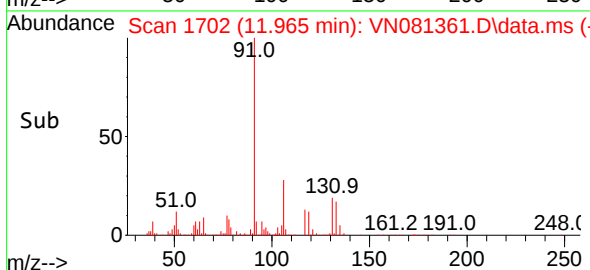
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

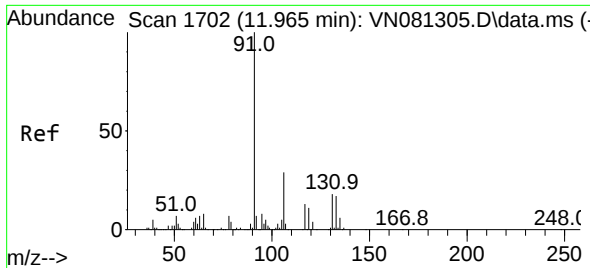


#66
1,1,1,2-Tetrachloroethane
Concen: 18.014 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



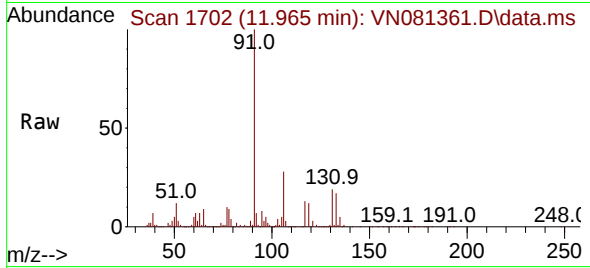
Tgt Ion:131 Resp: 83359
Ion Ratio Lower Upper
131 100
133 98.0 46.8 140.3
119 67.6 34.6 103.9





#67
Ethyl Benzene
Concen: 18.494 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

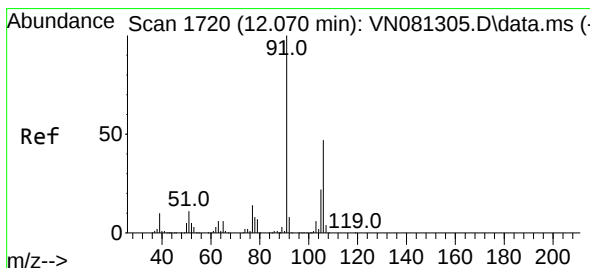
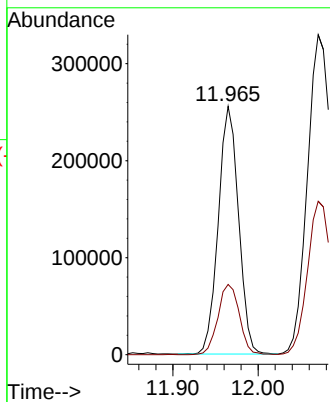
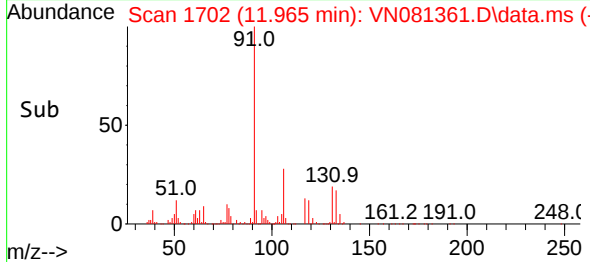
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



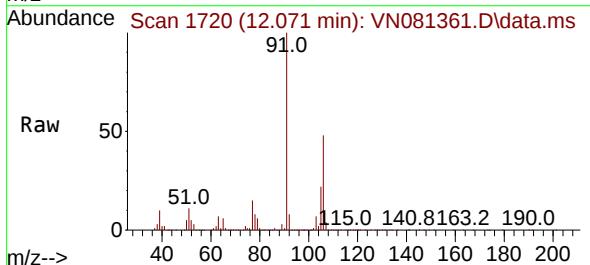
Tgt Ion: 91 Resp: 421274
Ion Ratio Lower Upper
91 100
106 28.2 23.8 35.6

Manual Integrations
APPROVED

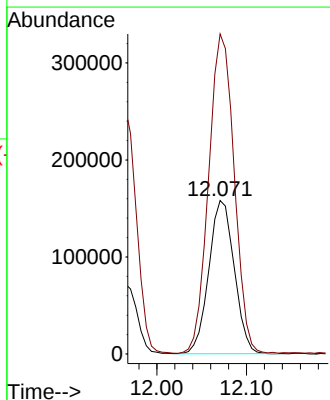
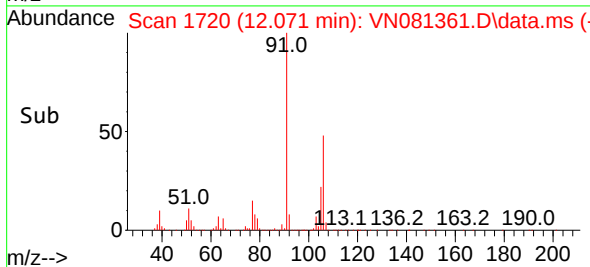
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

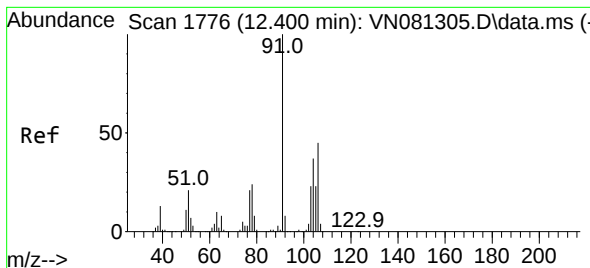


#68
m/p-Xylenes
Concen: 36.318 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



Tgt Ion:106 Resp: 311350
Ion Ratio Lower Upper
106 100
91 209.1 169.0 253.6





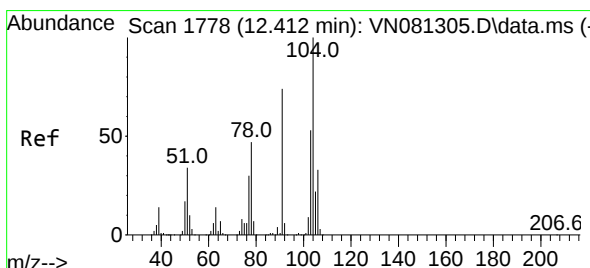
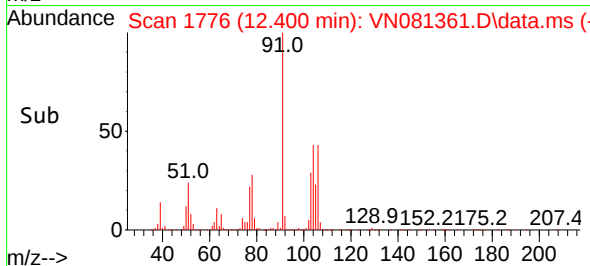
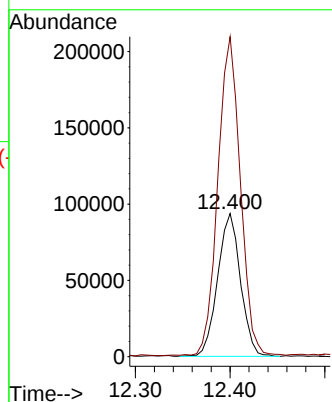
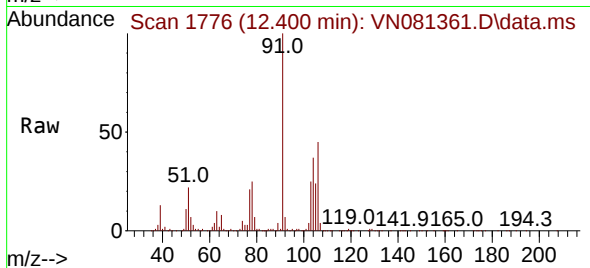
#69
o-Xylene
Concen: 18.879 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion:106 Resp: 15685
Ion Ratio Lower Upper
106 100
91 219.9 112.1 336.3

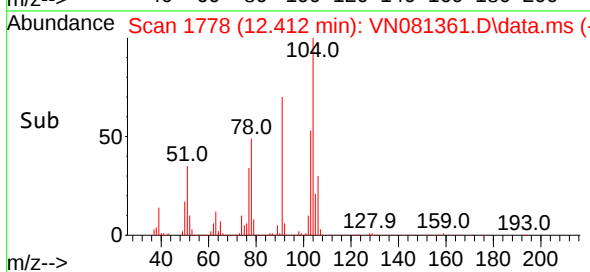
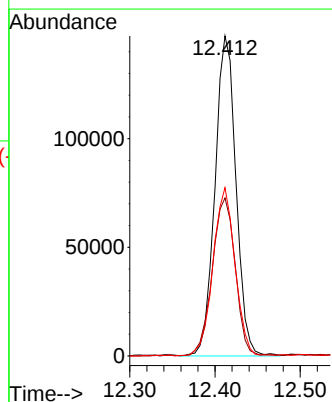
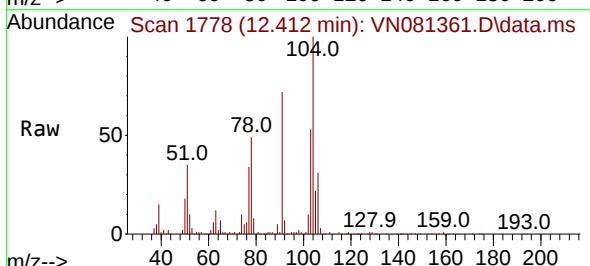
Manual Integrations
APPROVED

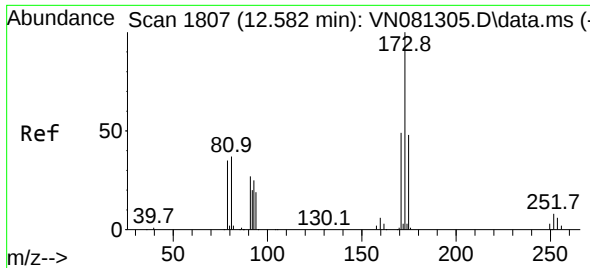
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#70
Styrene
Concen: 19.154 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

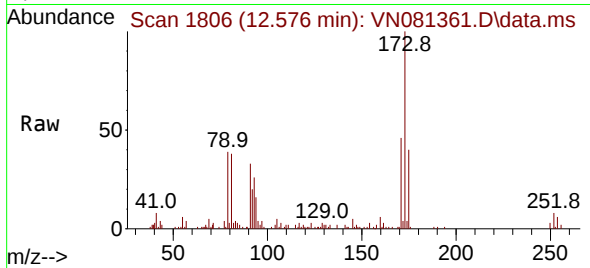
Tgt Ion:104 Resp: 252188
Ion Ratio Lower Upper
104 100
78 53.7 43.8 65.8
103 55.1 44.2 66.2





#71
Bromoform
Concen: 17.491 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

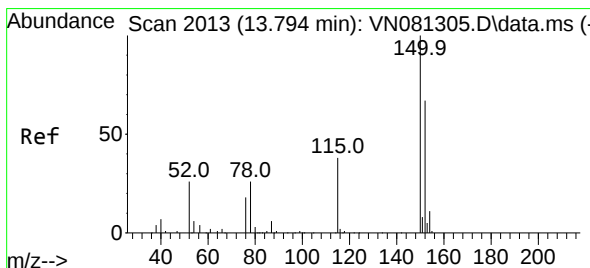
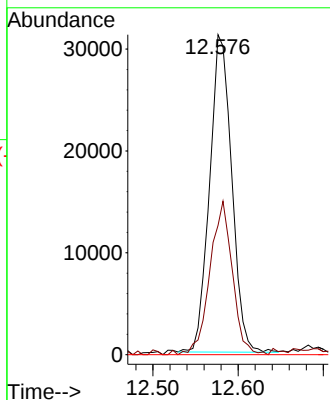
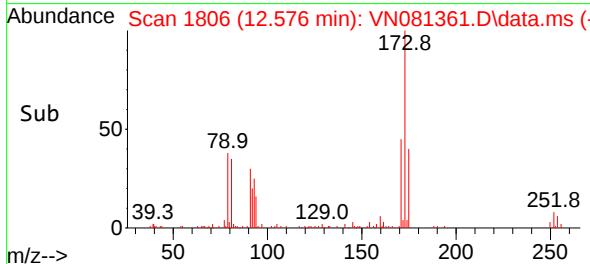
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



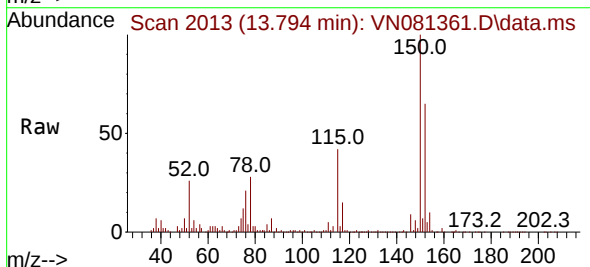
Tgt Ion:173 Resp: 5619
Ion Ratio Lower Upper
173 100
175 49.0 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

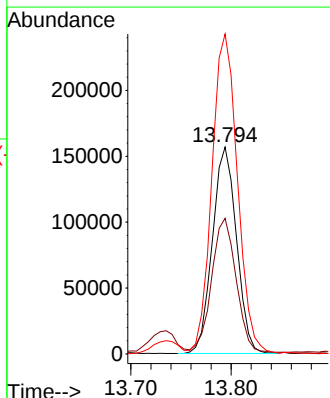
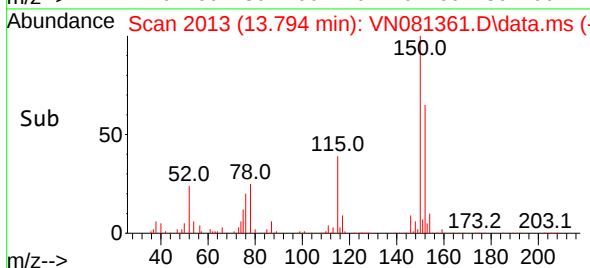
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

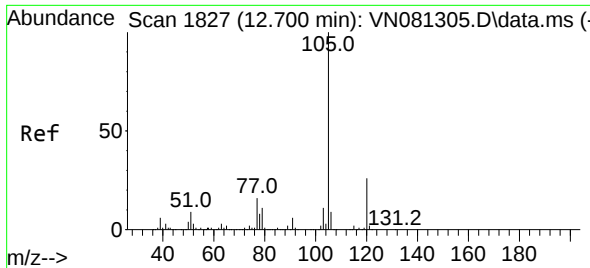


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



Tgt Ion:152 Resp: 261425
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 164.2 0.0 339.8





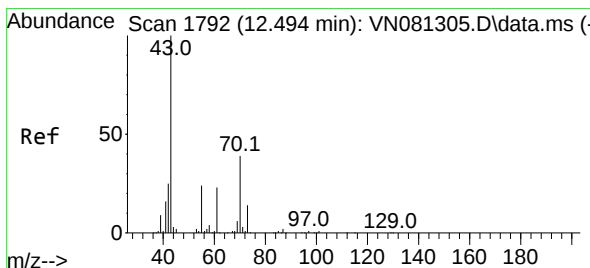
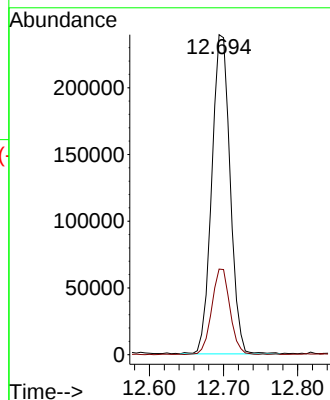
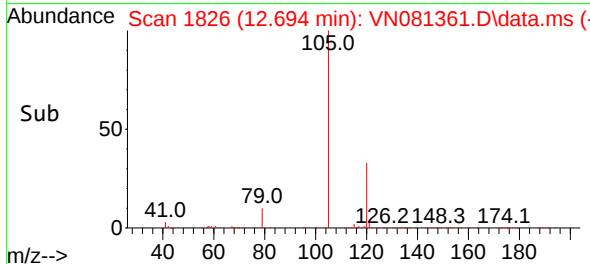
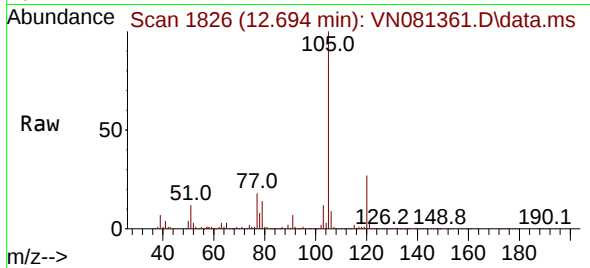
#73
Isopropylbenzene
Concen: 19.459 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion:105 Resp: 410777
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.6

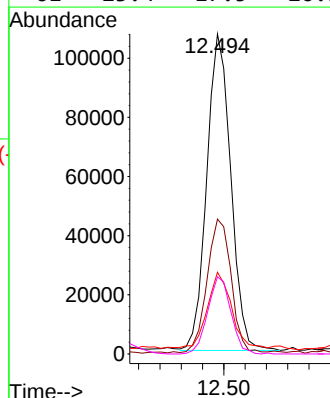
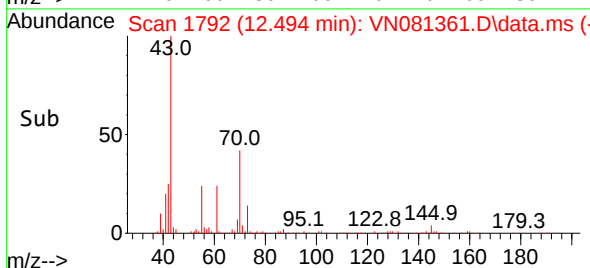
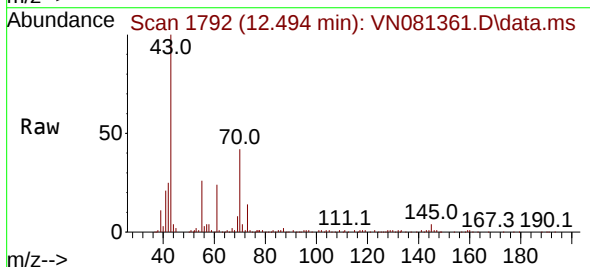
Manual Integrations
APPROVED

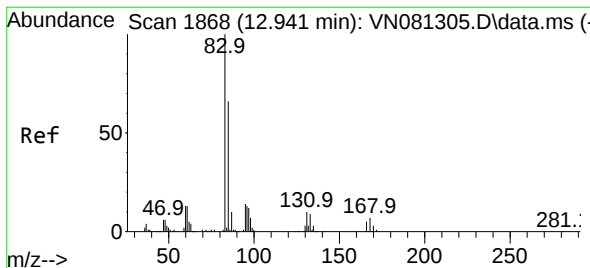
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#74
N-ethyl acetate
Concen: 18.943 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

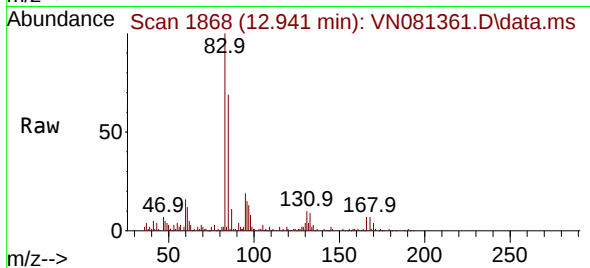
Tgt Ion: 43 Resp: 167789
Ion Ratio Lower Upper
43 100
70 42.3 30.1 45.1
55 23.3 17.0 25.4
61 23.4 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 17.381 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

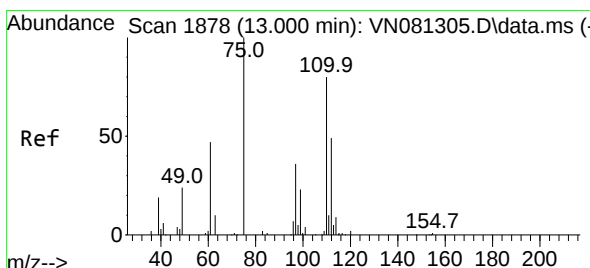
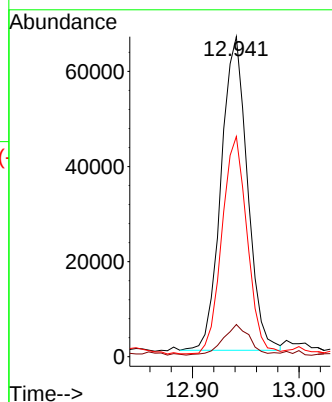
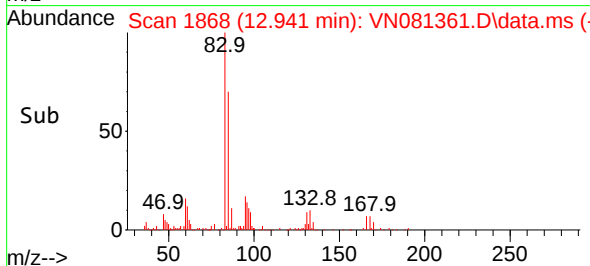
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



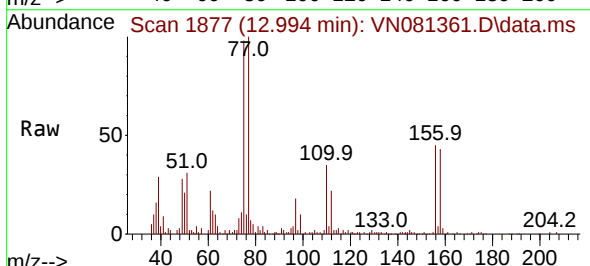
Tgt Ion: 83 Resp: 113230
Ion Ratio Lower Upper
83 100
131 10.0 4.1 12.3
85 66.4 32.1 96.3

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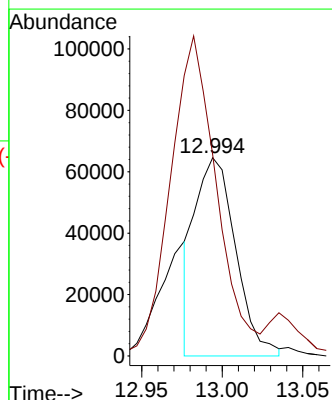
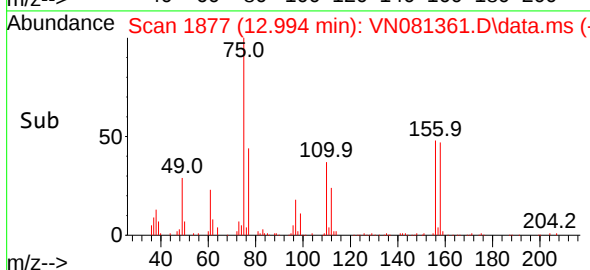
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

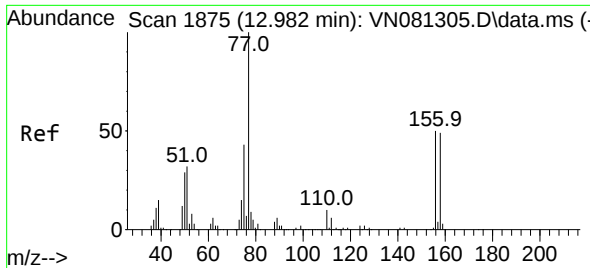


#76
1,2,3-Trichloropropane
Concen: 18.249 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



Tgt Ion: 75 Resp: 112681
Ion Ratio Lower Upper
75 100
77 181.1 91.0 272.8





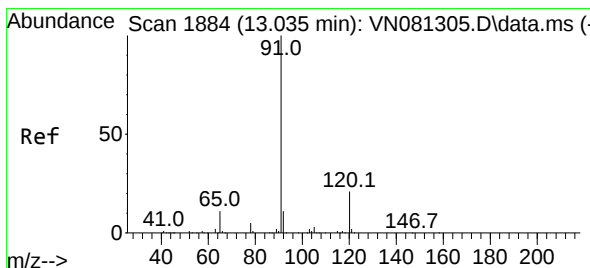
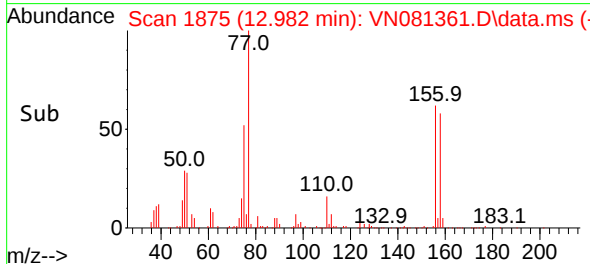
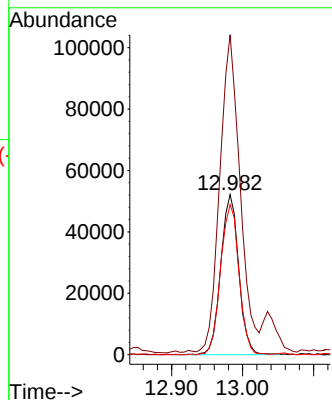
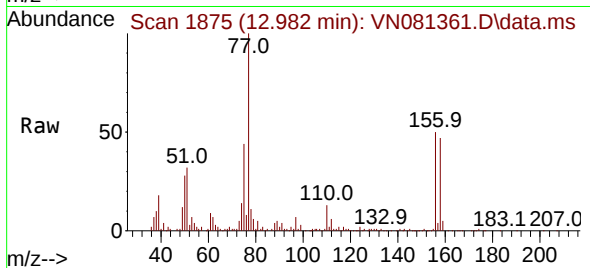
#77
Bromobenzene
Concen: 18.198 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion:156 Resp: 91084
Ion Ratio Lower Upper
156 100
77 224.1 138.1 414.3
158 96.3 46.5 139.5

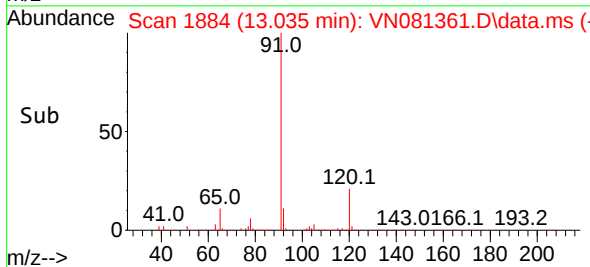
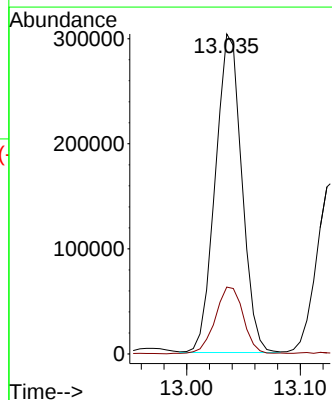
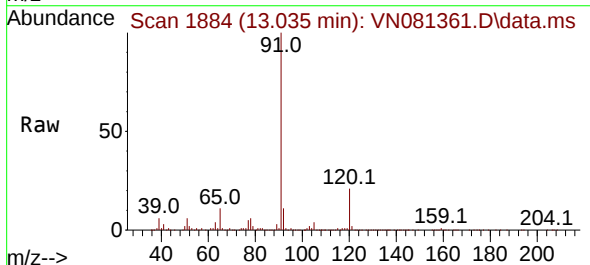
Manual Integrations
APPROVED

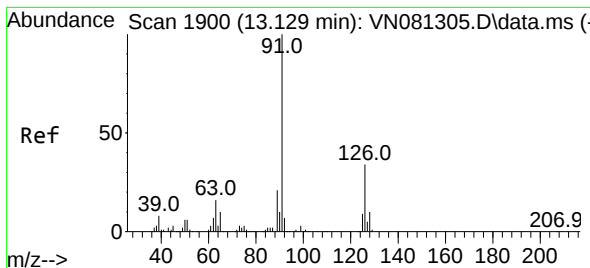
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#78
n-propylbenzene
Concen: 19.690 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

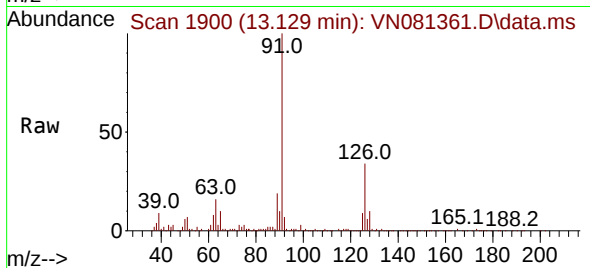
Tgt Ion: 91 Resp: 491620
Ion Ratio Lower Upper
91 100
120 22.2 10.3 30.9





#79
2-Chlorotoluene
Concen: 18.747 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

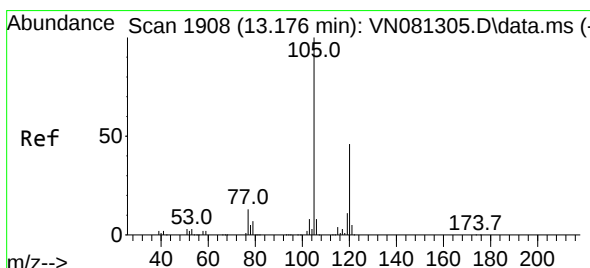
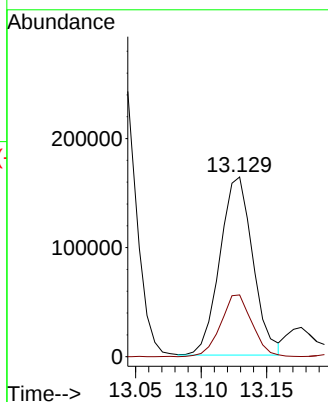
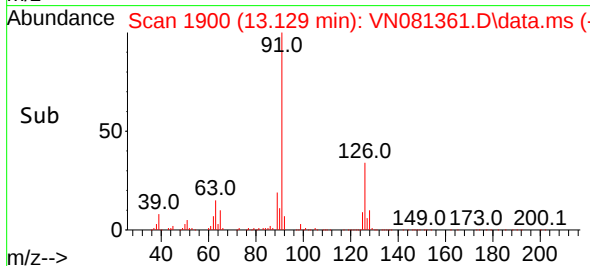
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 91 Resp: 28611
Ion Ratio Lower Upper
91 100
126 33.1 14.8 44.4

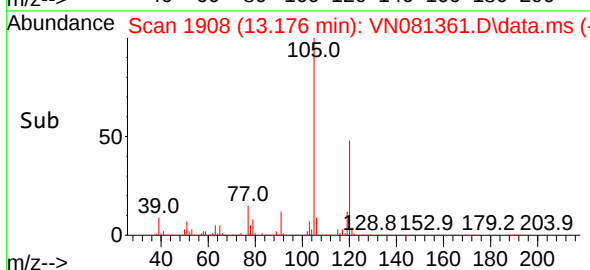
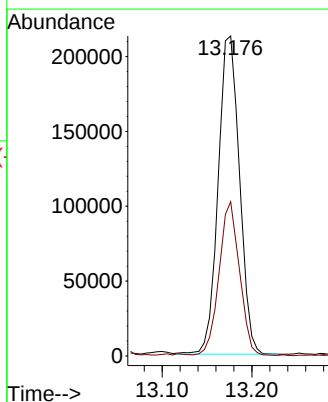
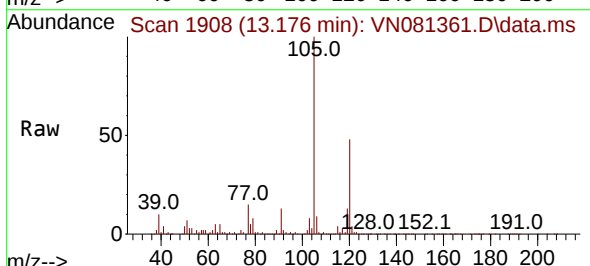
Manual Integrations
APPROVED

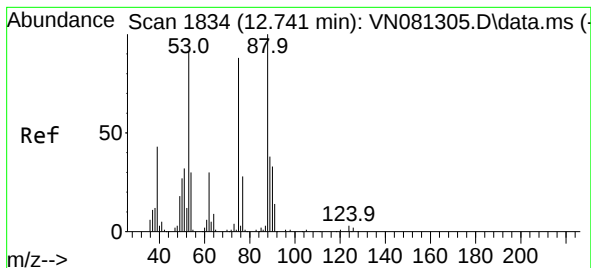
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.129 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Tgt Ion:105 Resp: 351247
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





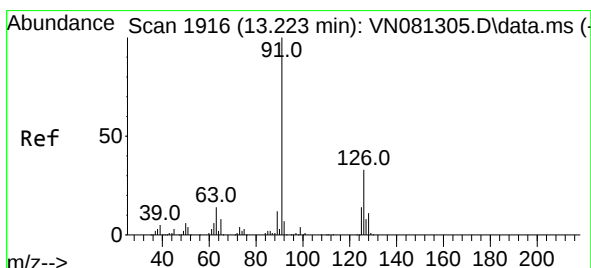
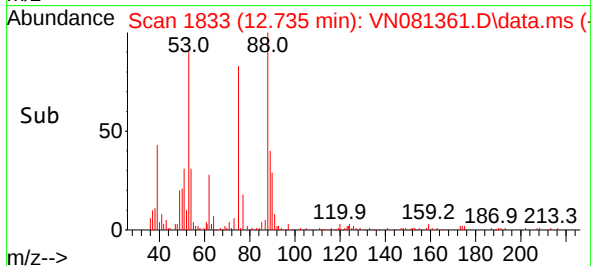
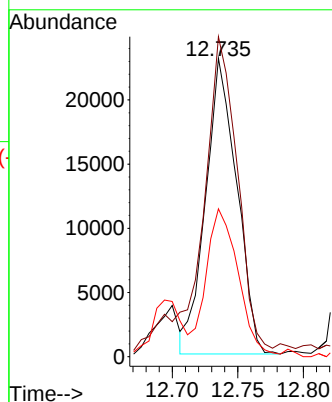
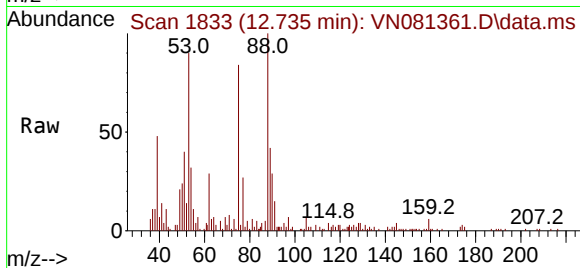
#81
trans-1,4-Dichloro-2-butene
Concen: 17.191 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 75 Resp: 3803
Ion Ratio Lower Upper
75 100
53 115.8 71.4 107.2
89 50.8 33.4 50.0

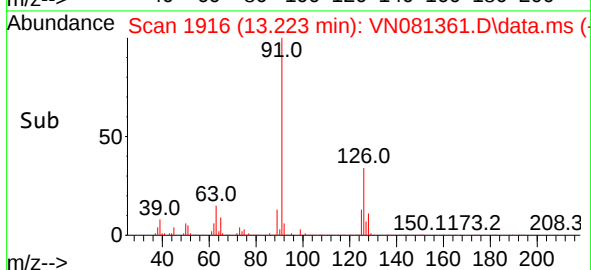
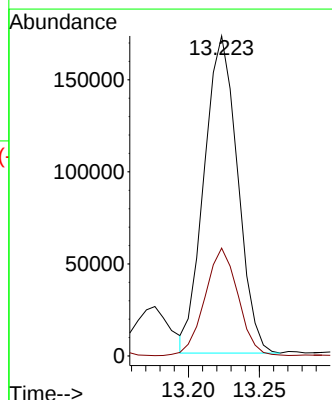
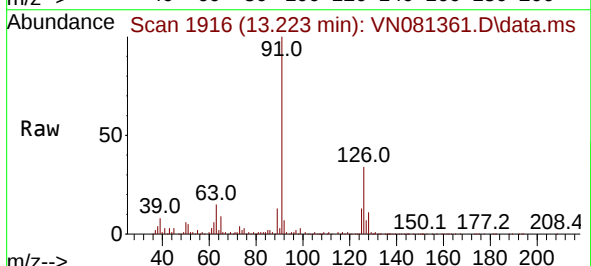
Manual Integrations
APPROVED

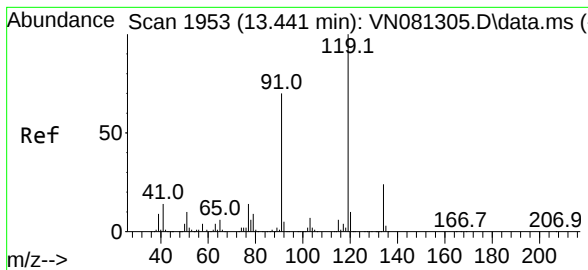
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#82
4-Chlorotoluene
Concen: 18.721 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

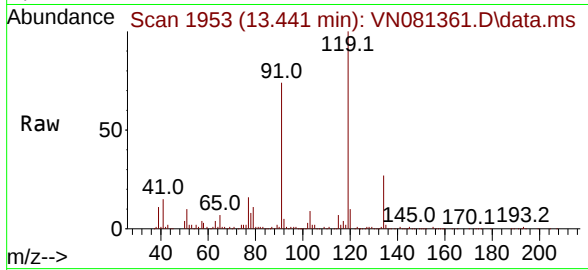
Tgt Ion: 91 Resp: 282215
Ion Ratio Lower Upper
91 100
126 33.5 15.3 45.9





#83
tert-Butylbenzene
Concen: 19.107 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

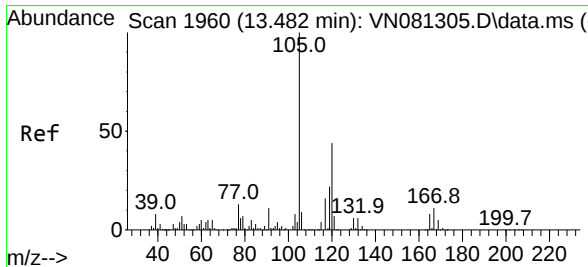
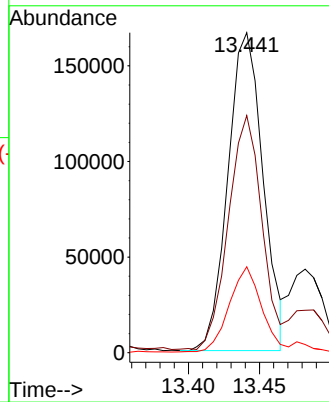
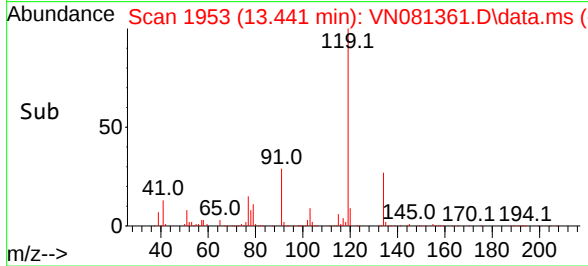
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



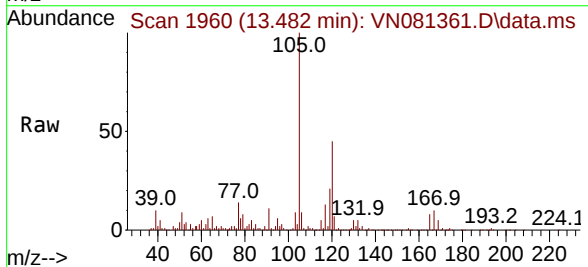
Tgt Ion:119 Resp: 28584
Ion Ratio Lower Upper
119 100
91 71.6 36.8 110.4
134 24.7 12.4 37.4

Manual Integrations
APPROVED

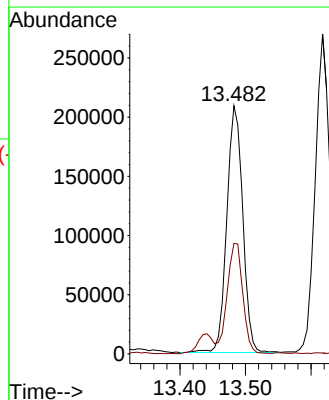
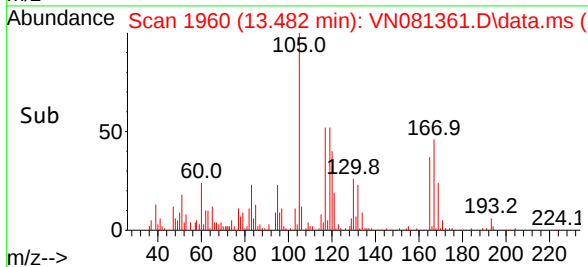
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

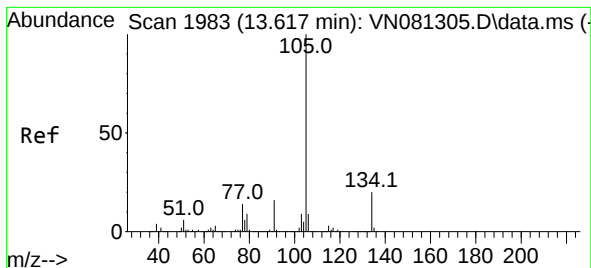


#84
1,2,4-Trimethylbenzene
Concen: 19.900 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



Tgt Ion:105 Resp: 351825
Ion Ratio Lower Upper
105 100
120 43.5 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.446 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion:105 Resp: 420860

Ion Ratio Lower Upper

105 100

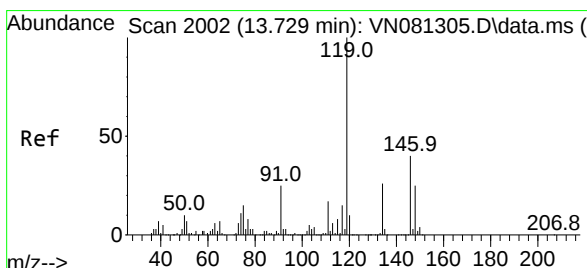
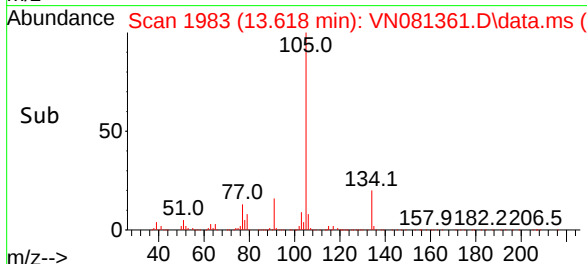
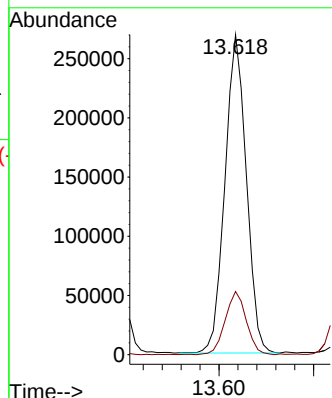
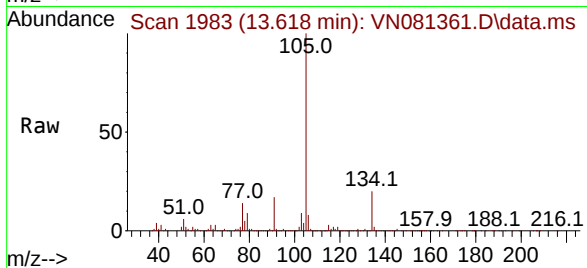
134 19.6 8.6 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#86

p-Isopropyltoluene

Concen: 19.960 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

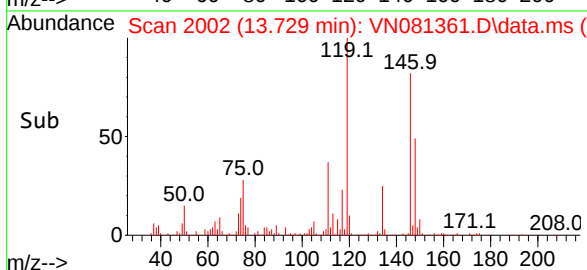
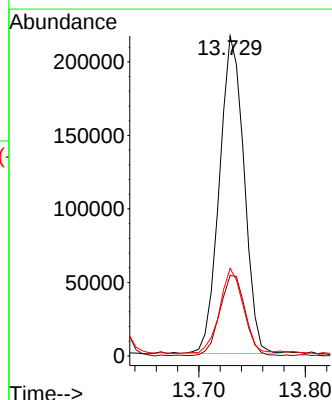
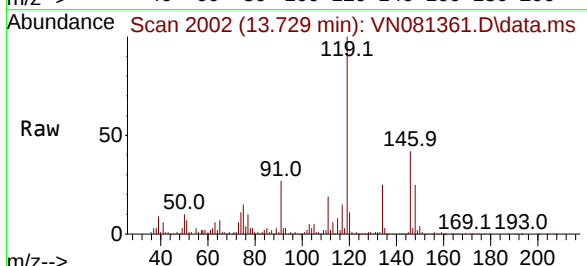
Tgt Ion:119 Resp: 346447

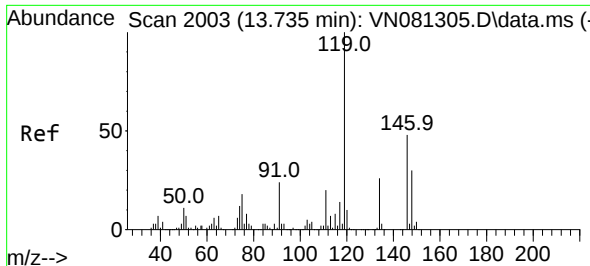
Ion Ratio Lower Upper

119 100

134 25.9 12.4 37.2

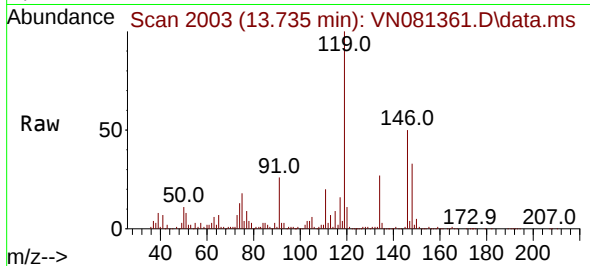
91 25.6 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 17.432 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

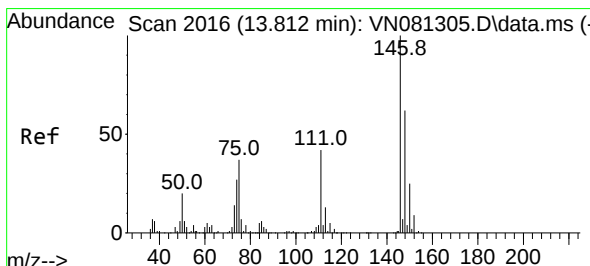
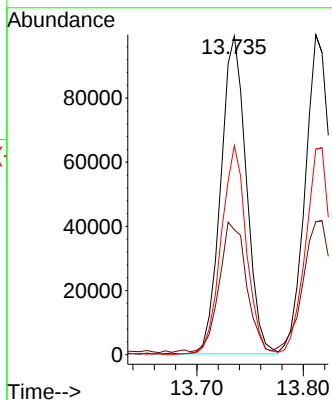
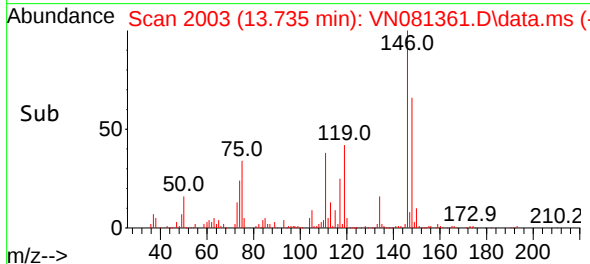
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



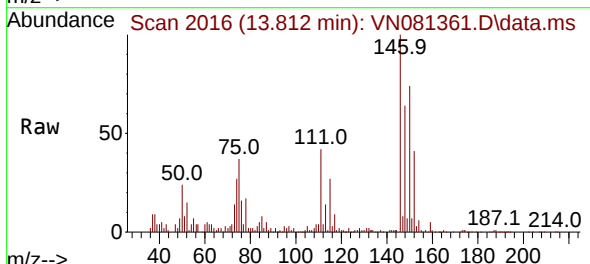
Tgt Ion:146 Resp: 16475
Ion Ratio Lower Upper
146 100
111 44.1 23.9 71.7
148 65.2 32.6 97.7

Manual Integrations
APPROVED

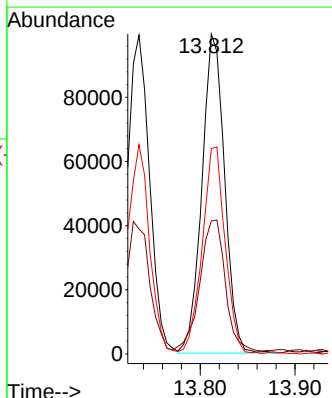
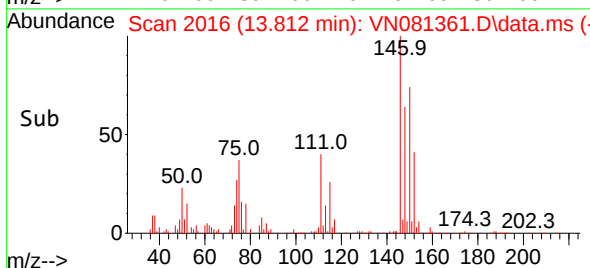
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

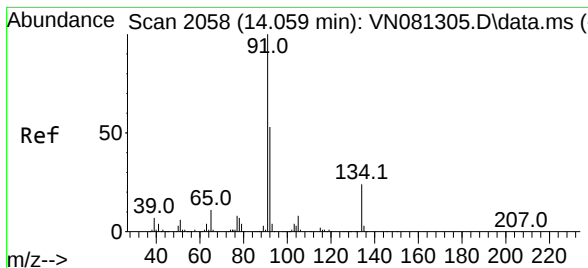


#88
1,4-Dichlorobenzene
Concen: 17.528 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



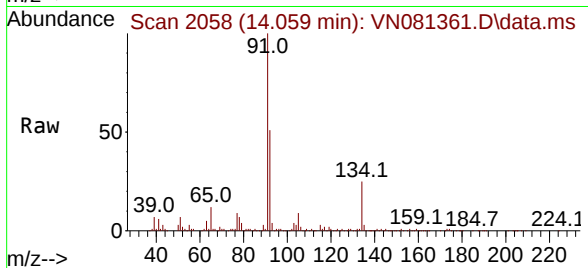
Tgt Ion:146 Resp: 165572
Ion Ratio Lower Upper
146 100
111 45.7 22.6 67.7
148 65.4 31.9 95.5





#89
n-Butylbenzene
Concen: 19.339 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

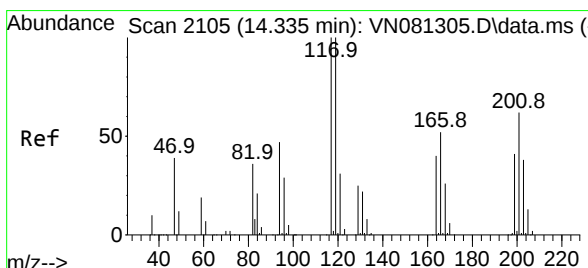
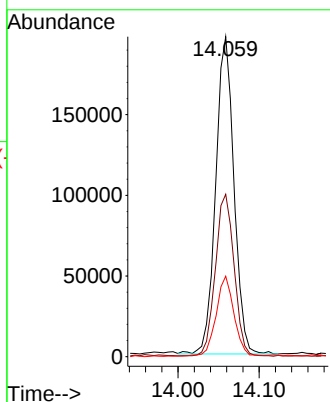
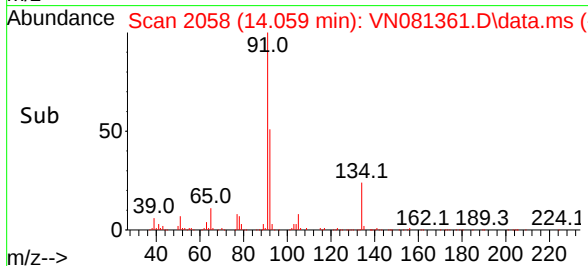
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 91 Resp: 307820
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 25.0 10.8 32.4

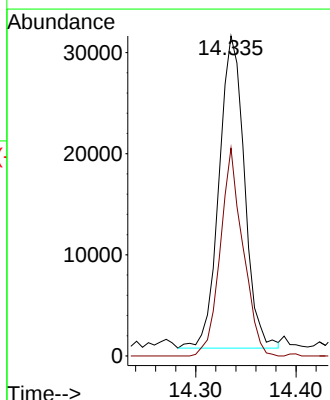
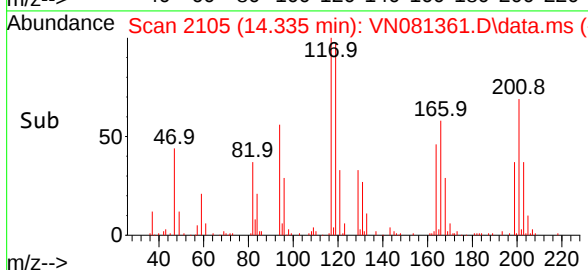
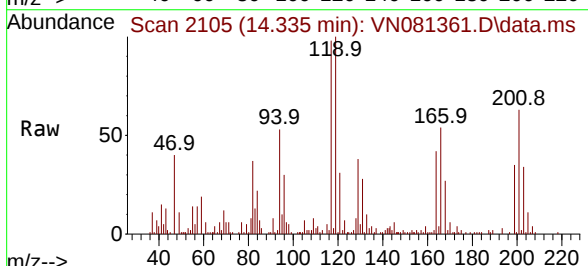
Manual Integrations
APPROVED

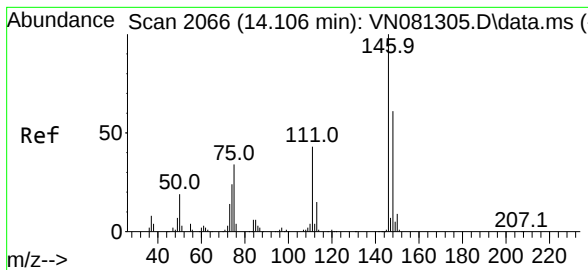
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#90
Hexachloroethane
Concen: 17.869 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

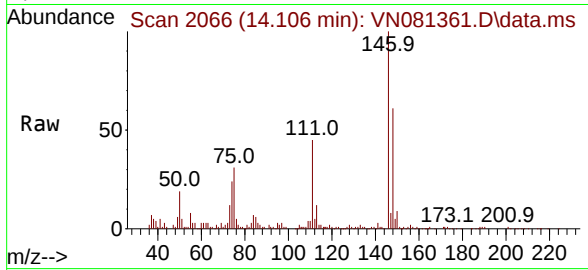
Tgt Ion:117 Resp: 54299
Ion Ratio Lower Upper
117 100
201 59.3 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 18.026 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16

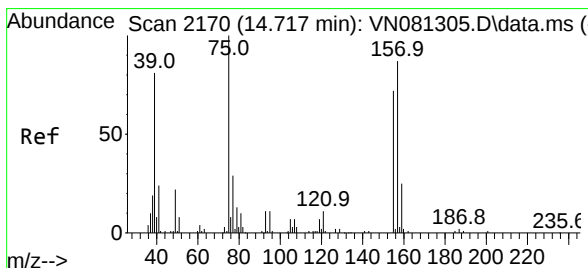
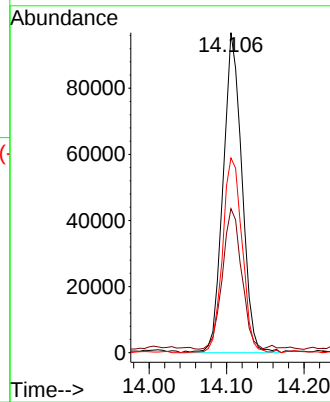
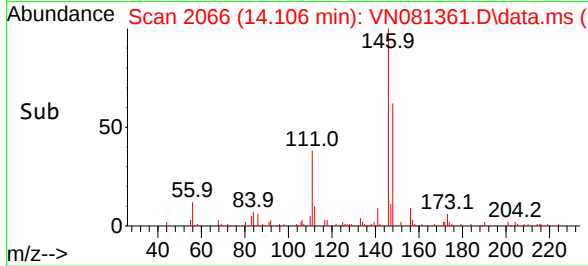
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



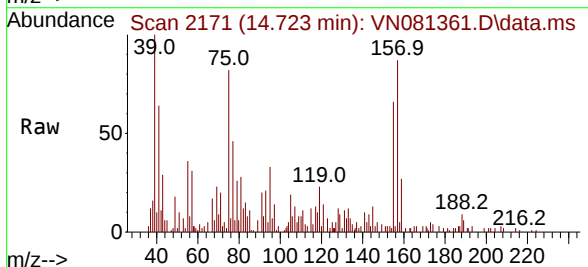
Tgt Ion:146 Resp: 163449
Ion Ratio Lower Upper
146 100
111 44.6 23.9 71.8
148 63.2 31.4 94.0

Manual Integrations
APPROVED

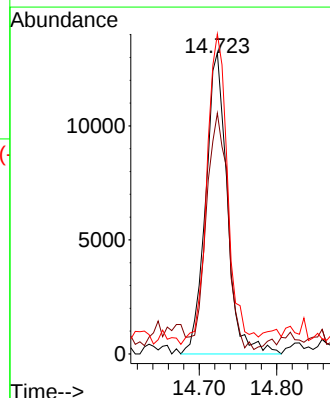
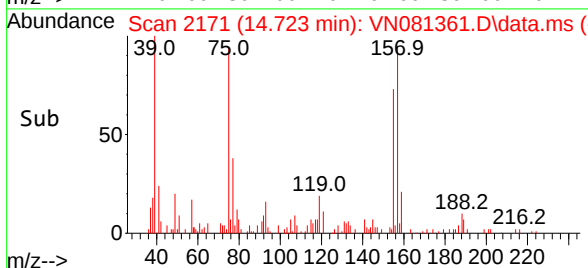
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

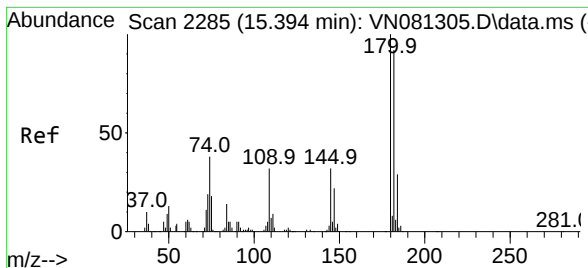


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.312 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081361.D
Acq: 11 Mar 2024 14:16



Tgt Ion: 75 Resp: 25529
Ion Ratio Lower Upper
75 100
155 78.6 31.8 95.4
157 99.4 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.936 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

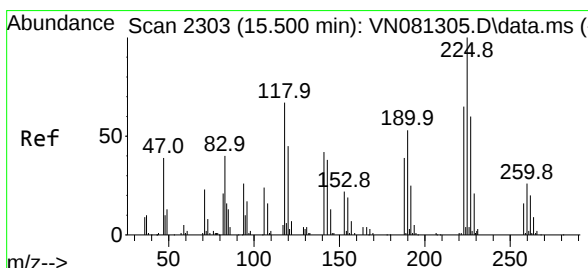
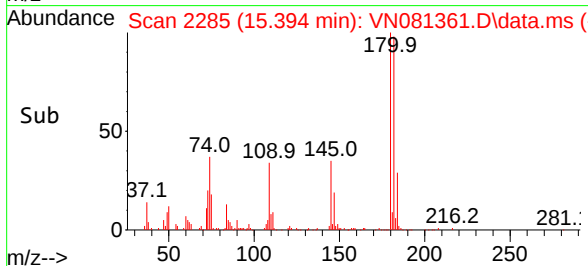
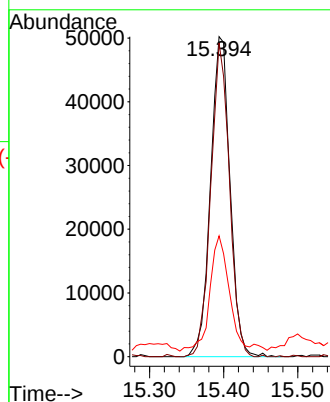
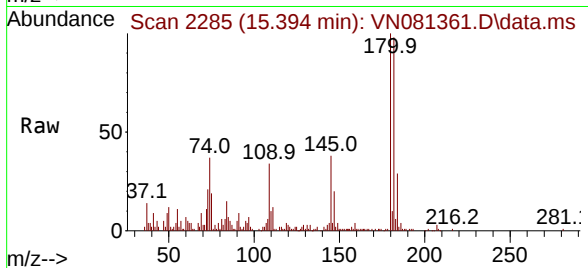
Tgt Ion:180	Resp:	9178
Ion Ratio	Lower	Upper
180	100	
182	93.4	46.6 139.7
145	35.5	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#94

Hexachlorobutadiene

Concen: 16.060 ug/l

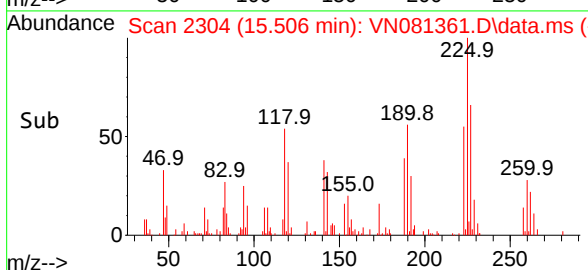
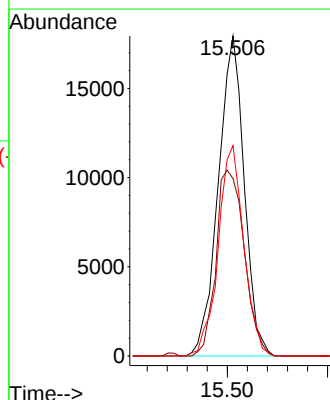
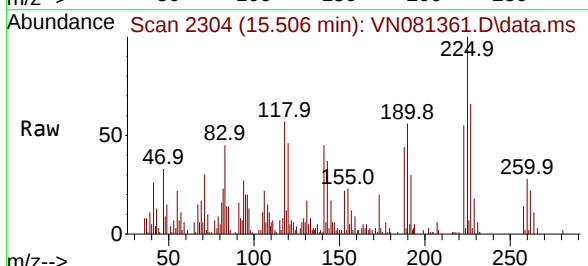
RT: 15.506 min Scan# 2304

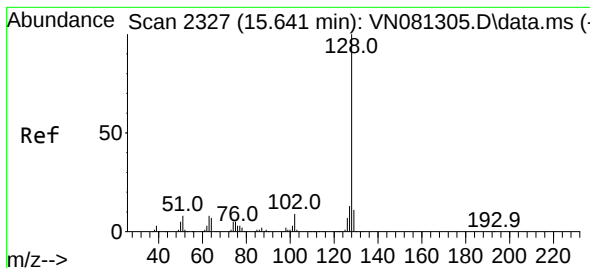
Delta R.T. 0.006 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Tgt Ion:225	Resp:	32165
Ion Ratio	Lower	Upper
225	100	
223	63.2	33.3 99.8
227	65.0	33.1 99.2





#95

Naphthalene

Concen: 20.876 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

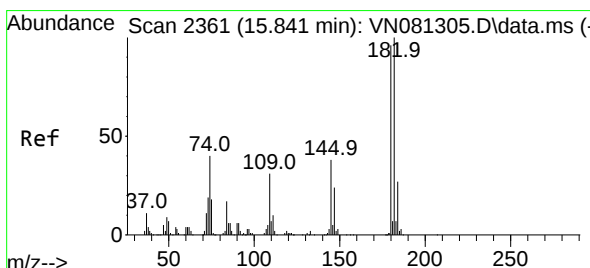
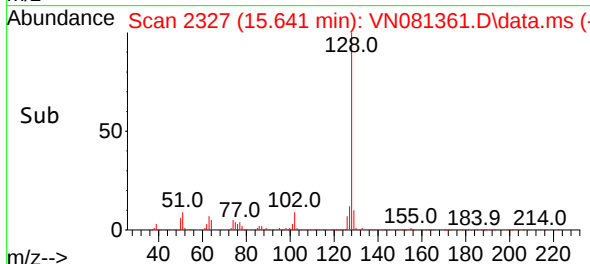
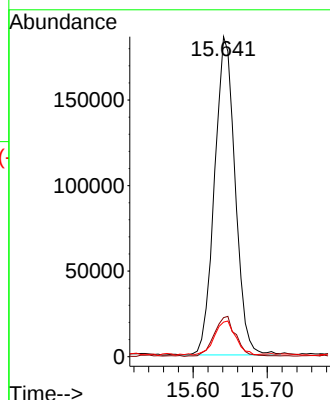
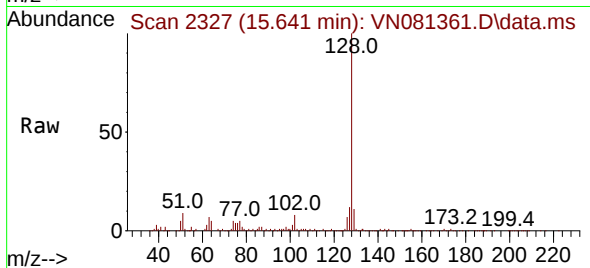
Tgt Ion:	128	Resp:	36003
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.0	15.0
129	11.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.033 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081361.D

Acq: 11 Mar 2024 14:16

Tgt Ion:	180	Resp:	93554
Ion Ratio	Lower	Upper	
180	100		
182	93.0	46.5	139.3
145	38.4	17.8	53.4

