

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081188.D
 Acq On : 26 Feb 2024 12:29
 Operator : JC\MD
 Sample : VN0226WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Mahesh Dadoda 02/27/2024

Quant Time: Feb 27 00:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	298293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	539268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	477495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	175660	48.044	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.080%		
35) Dibromofluoromethane	8.165	113	156025	51.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.340%		
50) Toluene-d8	10.571	98	499460	46.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.240%		
62) 4-Bromofluorobenzene	12.847	95	193652	47.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	75982	19.697	ug/l	91
3) Chloromethane	2.365	50	71426	16.172	ug/l	94
4) Vinyl Chloride	2.518	62	76665	17.892	ug/l	91
5) Bromomethane	2.965	94	52263	17.172	ug/l	95
6) Chloroethane	3.130	64	53323	18.695	ug/l	95
7) Trichlorofluoromethane	3.501	101	121182	19.358	ug/l	90
8) Diethyl Ether	3.953	74	45963	20.083	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	70719	20.265	ug/l	93
10) Methyl Iodide	4.589	142	64030	16.438	ug/l	96
11) Tert butyl alcohol	5.506	59	60679	90.243	ug/l	99
12) 1,1-Dichloroethene	4.348	96	63525	18.832	ug/l	86
13) Acrolein	4.183	56	38255	106.149	ug/l	96
14) Allyl chloride	5.024	41	93318	18.644	ug/l #	88
15) Acrylonitrile	5.718	53	171817	97.841	ug/l	96
16) Acetone	4.424	43	122542	85.179	ug/l	96
17) Carbon Disulfide	4.718	76	159255	16.926	ug/l	98
18) Methyl Acetate	5.024	43	83306	23.737	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	240536	20.819	ug/l	96
20) Methylene Chloride	5.277	84	77646	20.311	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	72903	19.371	ug/l	95
22) Diisopropyl ether	6.671	45	238329	20.991	ug/l #	96
23) Vinyl Acetate	6.600	43	901049m	97.814	ug/l	
24) 1,1-Dichloroethane	6.571	63	134490	20.486	ug/l #	93
25) 2-Butanone	7.483	43	215947	92.913	ug/l	91
26) 2,2-Dichloropropane	7.489	77	121774	19.796	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	84700	19.370	ug/l	90
28) Bromochloromethane	7.812	49	59549	21.880	ug/l #	65
29) Tetrahydrofuran	7.836	42	147745	95.227	ug/l #	87
30) Chloroform	7.965	83	140448	20.124	ug/l	99
31) Cyclohexane	8.259	56	117967	18.686	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	129792	20.420	ug/l #	86
36) 1,1-Dichloropropene	8.377	75	100626	19.261	ug/l	97
37) Ethyl Acetate	7.565	43	93379	19.805	ug/l	99
38) Carbon Tetrachloride	8.365	117	106127	20.079	ug/l	94
39) Methylcyclohexane	9.606	83	117304	19.262	ug/l #	89
40) Benzene	8.606	78	313236	20.715	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	54048	20.142	ug/l	95
42) 1,2-Dichloroethane	8.671	62	113972	21.603	ug/l	100
43) Isopropyl Acetate	8.688	43	185088	22.445	ug/l	98
44) Trichloroethene	9.353	130	80244	19.924	ug/l	87
45) 1,2-Dichloropropane	9.624	63	78686	20.802	ug/l	100
46) Dibromomethane	9.712	93	58577	21.254	ug/l	94
47) Bromodichloromethane	9.888	83	115924	22.209	ug/l #	93
48) Methyl methacrylate	9.682	41	75128	19.580	ug/l	88
49) 1,4-Dioxane	9.694	88	30434	407.363	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	481047	101.410	ug/l	96
52) Toluene	10.629	92	193140	20.175	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	119091	20.531	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	125478	20.022	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	76755	20.846	ug/l	96
56) Ethyl methacrylate	10.877	69	118489	21.056	ug/l	85
57) 1,3-Dichloropropane	11.165	76	133677	20.997	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	277619	98.326	ug/l #	87
59) 2-Hexanone	11.194	43	345940	91.987	ug/l	94
60) Dibromochloromethane	11.359	129	81901	20.938	ug/l	97
61) 1,2-Dibromoethane	11.471	107	78755	20.340	ug/l	98
64) Tetrachloroethene	11.106	164	74028	22.716	ug/l	95
65) Chlorobenzene	11.894	112	204749	19.812	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	75942	20.459	ug/l	97
67) Ethyl Benzene	11.965	91	372140	20.124	ug/l	100
68) m/p-Xylenes	12.071	106	280338	39.550	ug/l	96
69) o-Xylene	12.400	106	139029	19.787	ug/l	95
70) Styrene	12.412	104	219763	19.738	ug/l	98
71) Bromoform	12.576	173	49738	21.121	ug/l #	95
73) Isopropylbenzene	12.700	105	354995	19.149	ug/l	97
74) N-amyl acetate	12.494	43	141234	18.026	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	103053	19.769	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	95170m	19.768	ug/l	
77) Bromobenzene	12.982	156	79512	19.235	ug/l	77
78) n-propylbenzene	13.035	91	420191	19.689	ug/l	95
79) 2-Chlorotoluene	13.129	91	251491	19.212	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	301664	20.069	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	34702m	18.553	ug/l	
82) 4-Chlorotoluene	13.223	91	245726	19.198	ug/l	95
83) tert-Butylbenzene	13.441	119	252057	19.393	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	302558	20.200	ug/l	98
85) sec-Butylbenzene	13.618	105	374832	20.745	ug/l	95
86) p-Isopropyltoluene	13.729	119	300174	20.001	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	151216	19.361	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	152053	19.813	ug/l	98
89) n-Butylbenzene	14.059	91	263539	20.156	ug/l	97
90) Hexachloroethane	14.335	117	50386	20.311	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	144938	19.241	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20159	18.600	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	81976	19.506	ug/l	99
94) Hexachlorobutadiene	15.500	225	32439	20.697	ug/l	96
95) Naphthalene	15.641	128	279201	18.129	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	80195	19.236	ug/l	99

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QLast Update : Fri Feb 16 23:45:20 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

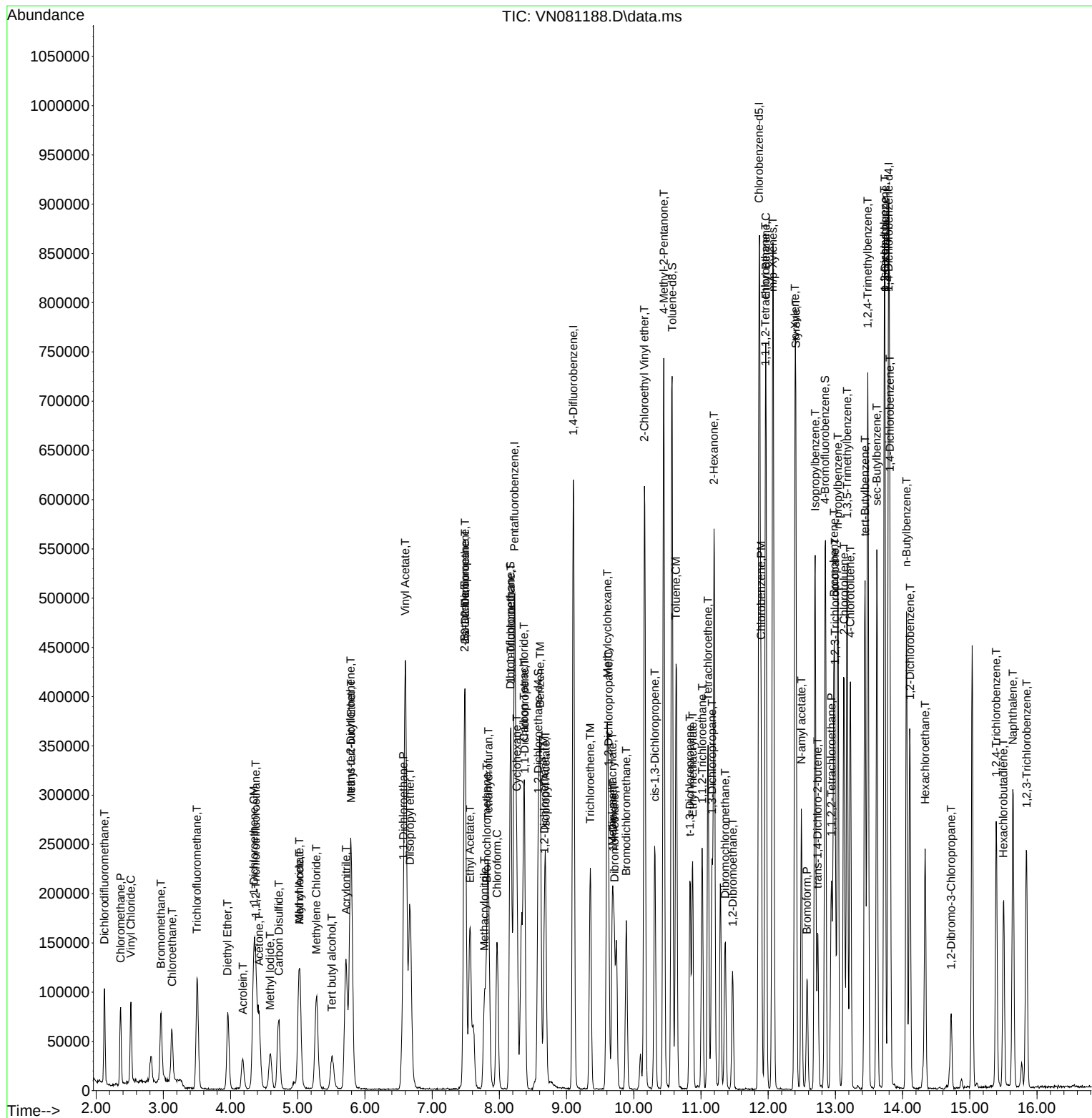
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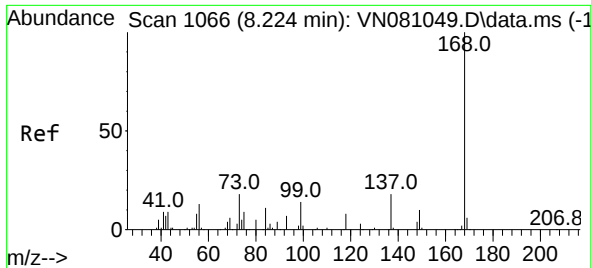
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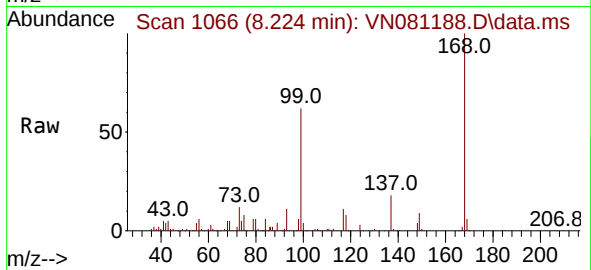
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081188.D
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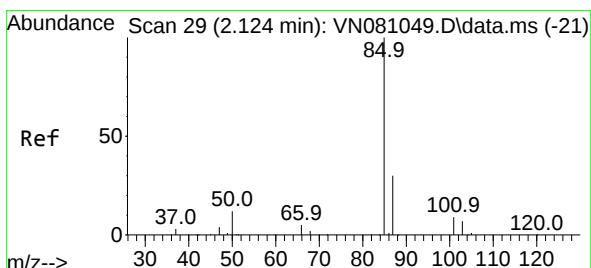
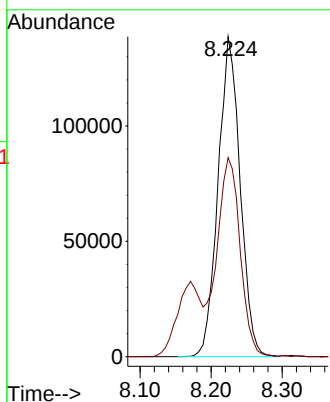
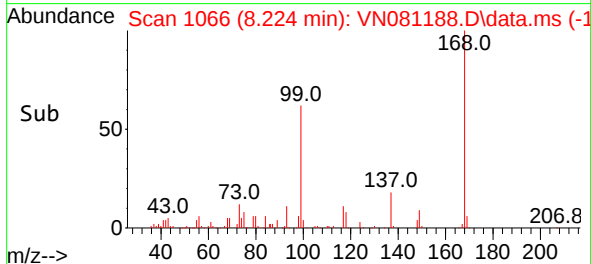
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion:168 Resp: 298293
Ion Ratio Lower Upper
168 100
99 62.0 59.9 89.9

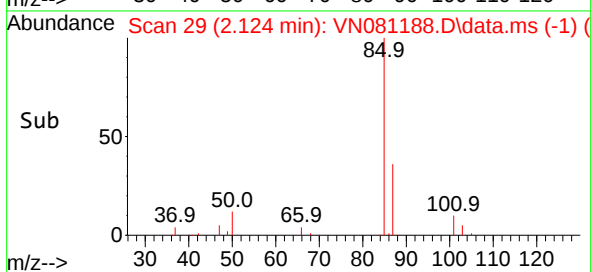
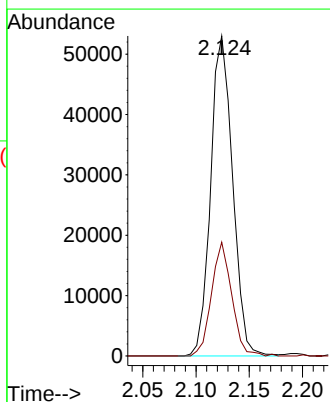
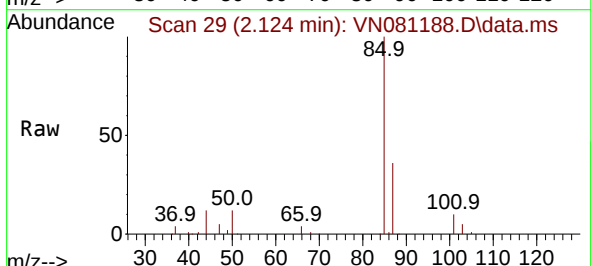
Manual Integrations
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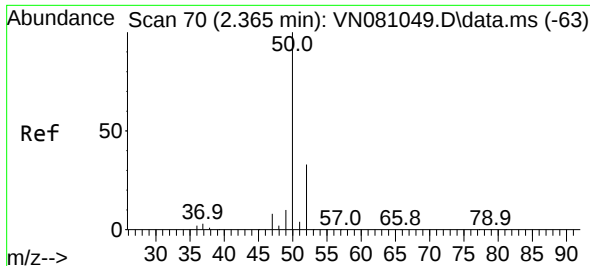
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#2
Dichlorodifluoromethane
Concen: 19.697 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

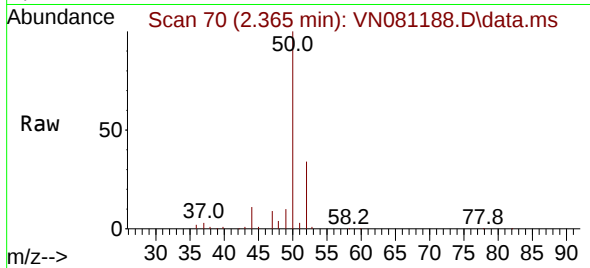
Tgt Ion: 85 Resp: 75982
Ion Ratio Lower Upper
85 100
87 35.6 15.3 45.9





#3
Chloromethane
Concen: 16.172 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

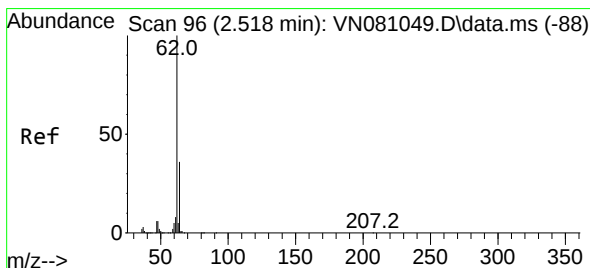
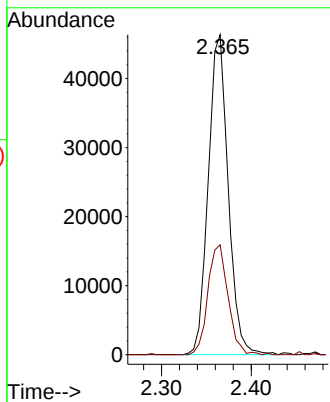
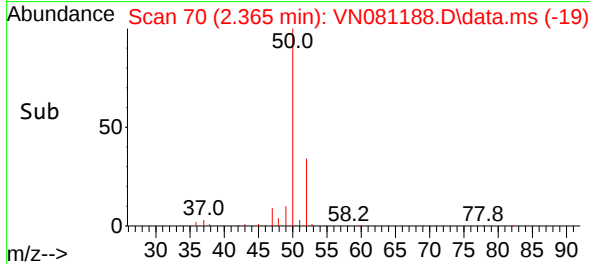
Instrument :
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Tgt Ion: 50 Resp: 71420
Ion Ratio Lower Upper
50 100
52 34.3 25.0 37.4

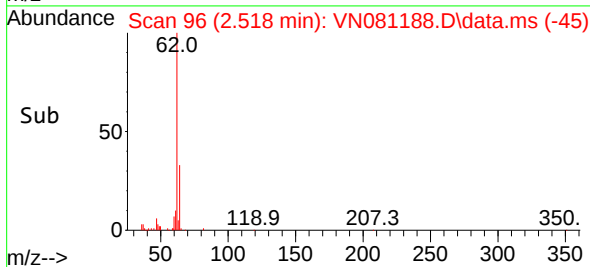
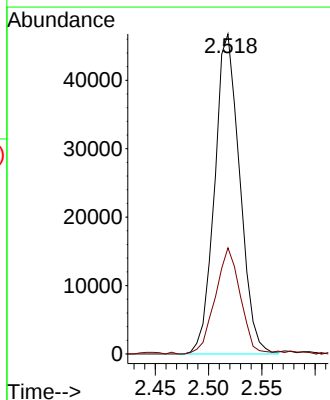
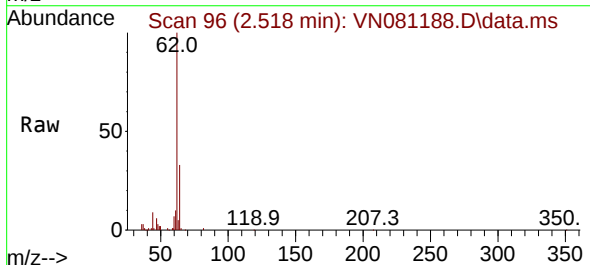
Manual Integrations
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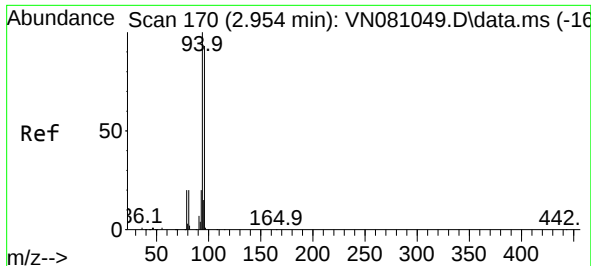
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#4
Vinyl Chloride
Concen: 17.892 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

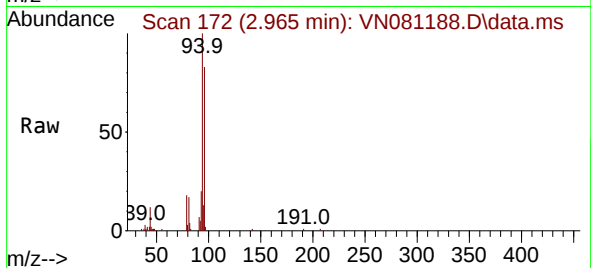
Tgt Ion: 62 Resp: 76665
Ion Ratio Lower Upper
62 100
64 33.1 22.7 34.1





#5
Bromomethane
Concen: 17.172 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

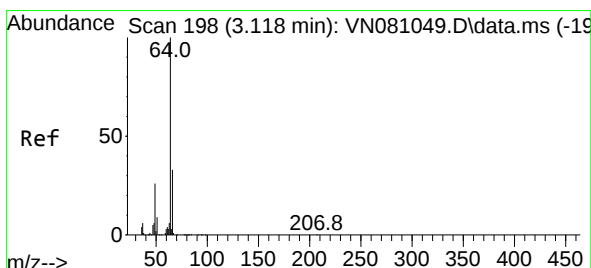
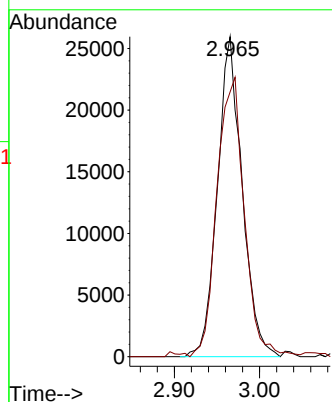
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 5226
Ion Ratio Lower Upper
94 100
96 82.0 69.2 103.8

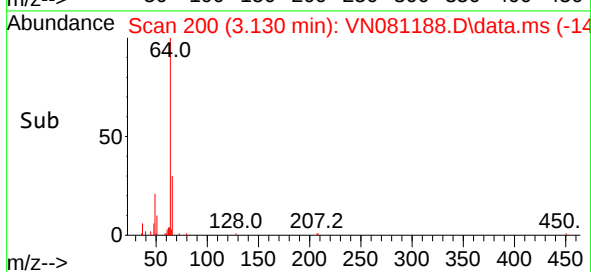
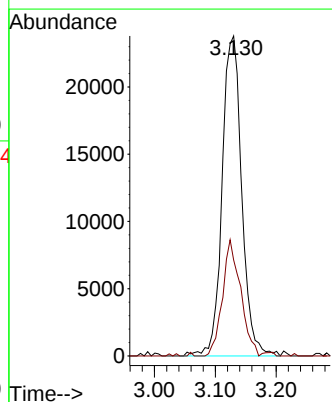
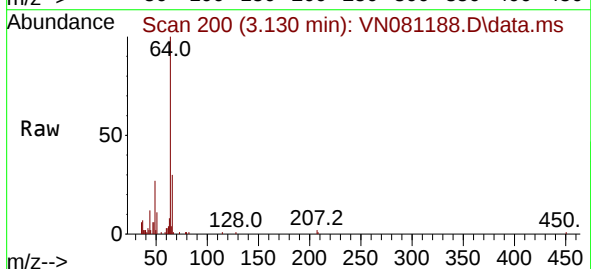
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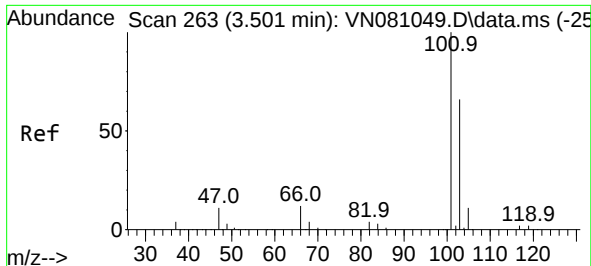
Reviewed By :John Carlone 02/27/2024
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#6
Chloroethane
Concen: 18.695 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

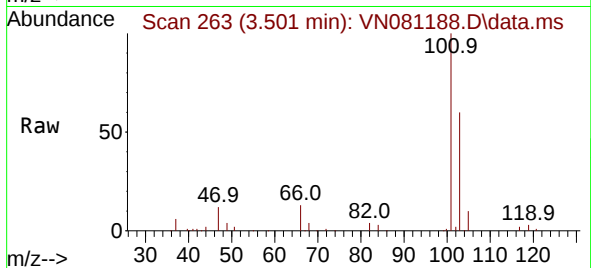
Tgt Ion: 64 Resp: 53323
Ion Ratio Lower Upper
64 100
66 30.0 26.4 39.6





#7
Trichlorofluoromethane
Concen: 19.358 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

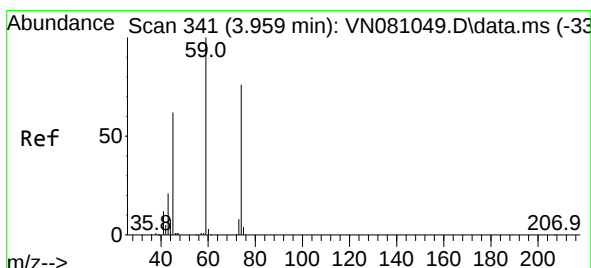
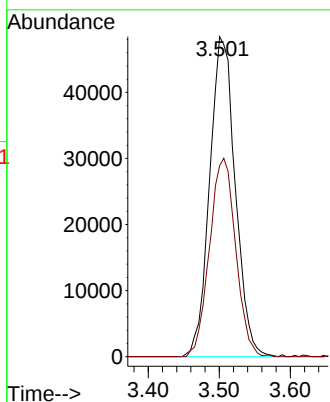
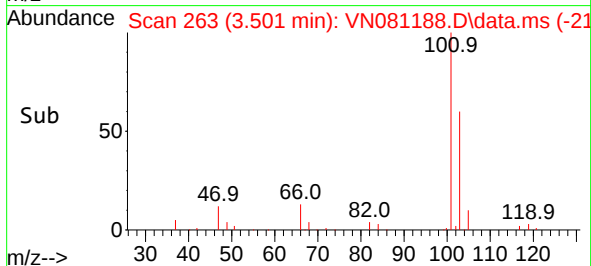
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Tgt Ion:101 Resp: 12118
Ion Ratio Lower Upper
101 100
103 59.7 54.4 81.6

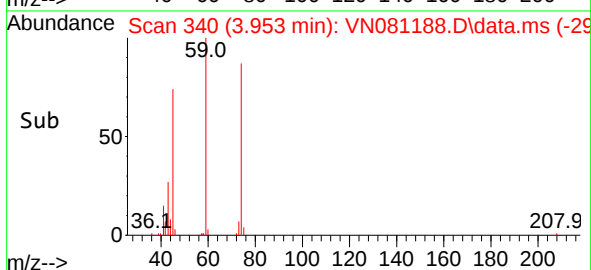
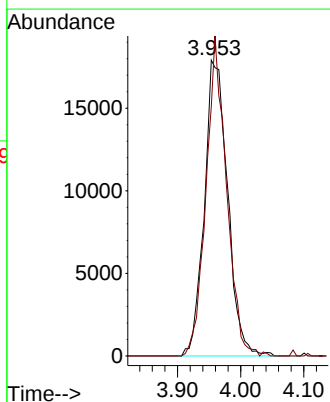
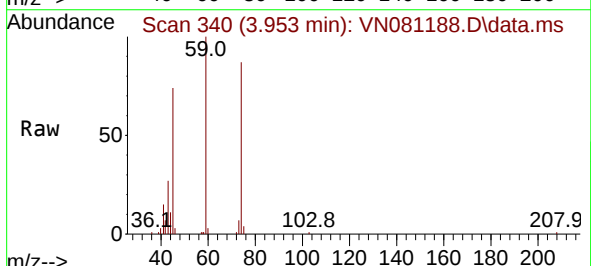
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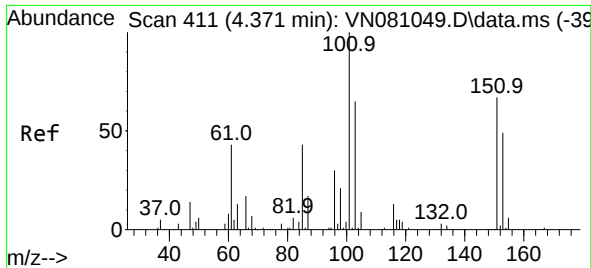
Reviewed By :John Carlone 02/27/2024
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#8
Diethyl Ether
Concen: 20.083 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN081188.D
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Tgt Ion: 74 Resp: 45963
Ion Ratio Lower Upper
74 100
45 94.7 53.3 159.9





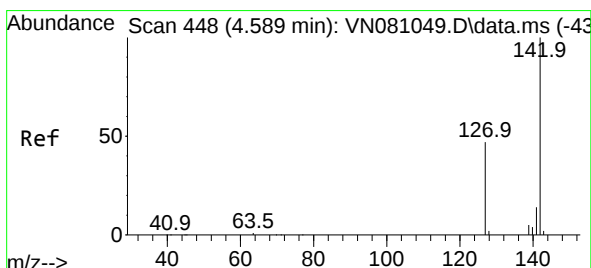
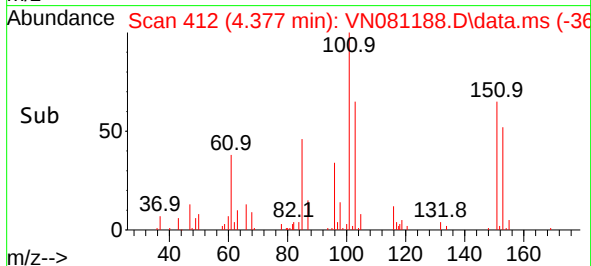
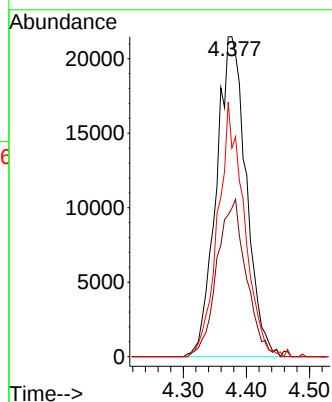
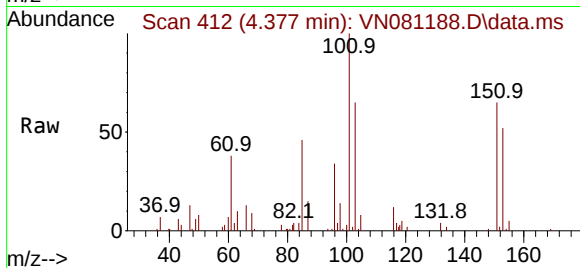
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.265 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion:101 Resp: 70719
Ion Ratio Lower Upper
101 100
85 48.3 38.1 57.1
151 69.8 49.1 73.7

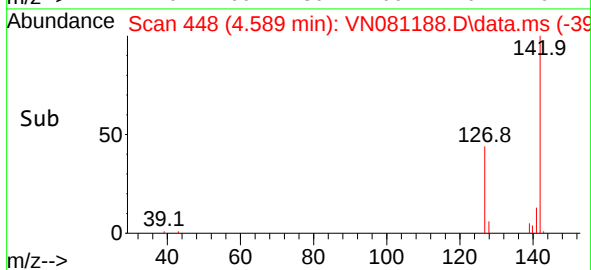
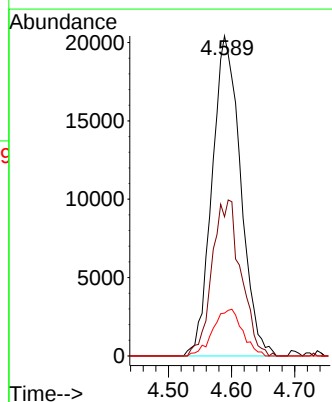
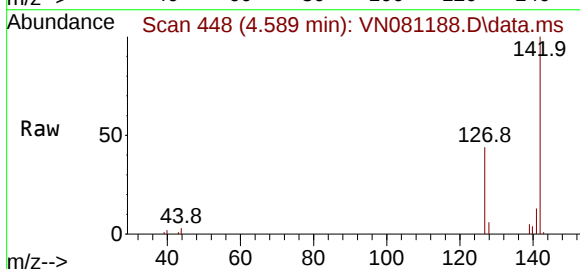
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#10
Methyl Iodide
Concen: 16.438 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

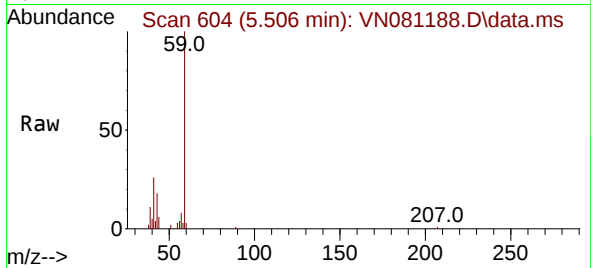
Tgt Ion:142 Resp: 64030
Ion Ratio Lower Upper
142 100
127 43.5 37.0 55.4
141 13.4 12.5 18.7





#11
Tert butyl alcohol
Concen: 90.243 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

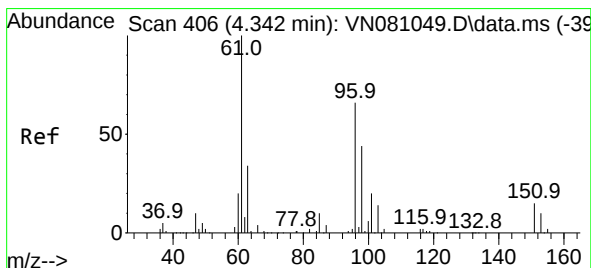
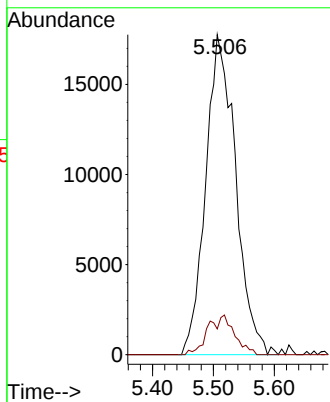
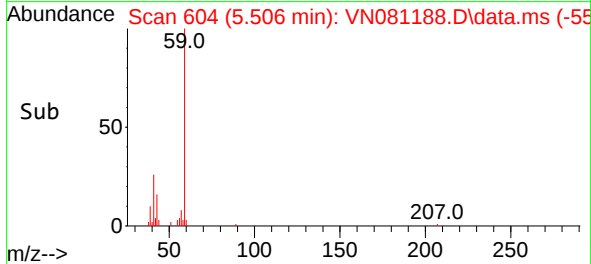
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



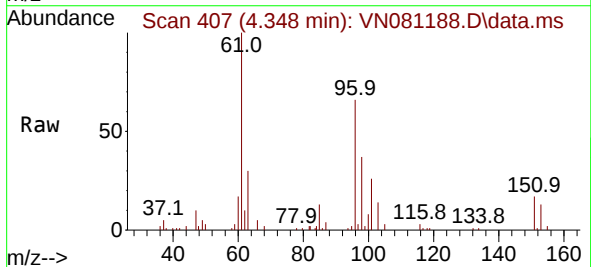
Tgt Ion: 59 Resp: 60679
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

Manual Integrations
APPROVED

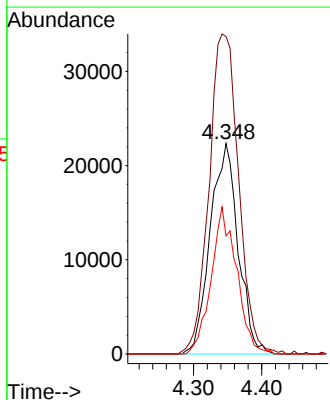
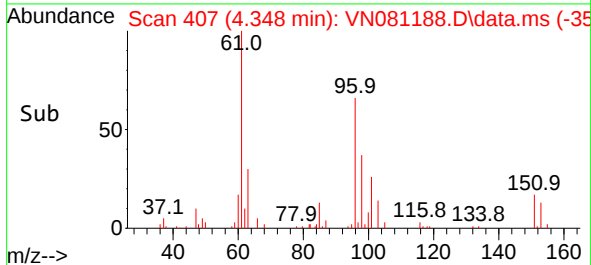
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

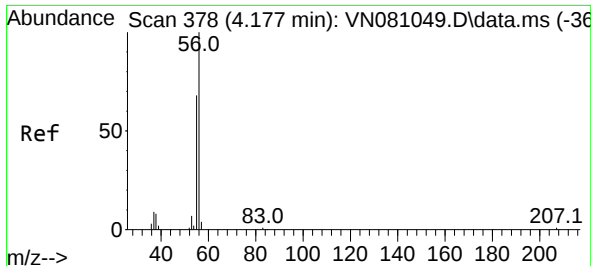


#12
1,1-Dichloroethene
Concen: 18.832 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29



Tgt Ion: 96 Resp: 63525
Ion Ratio Lower Upper
96 100
61 150.9 138.2 207.4
98 56.1 49.2 73.8





#13

Acrolein

Concen: 106.149 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion: 56 Resp: 3825

Ion Ratio Lower Upper

56 100

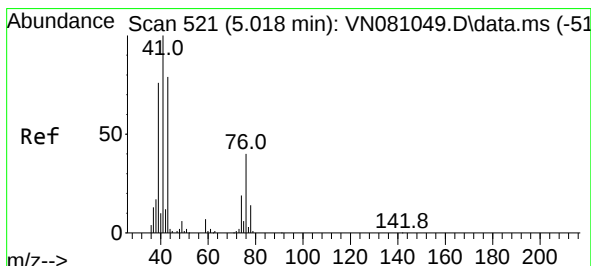
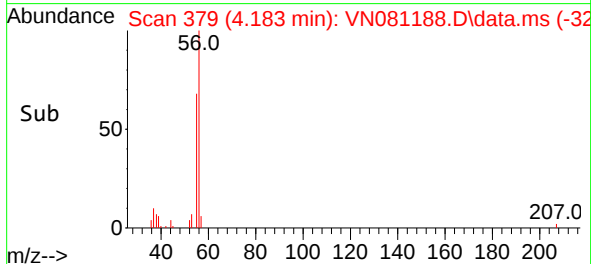
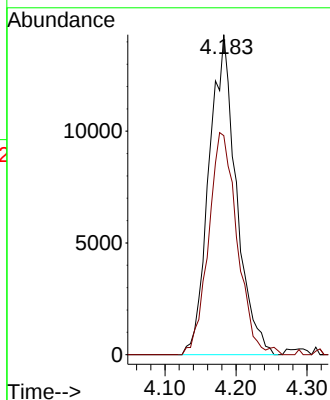
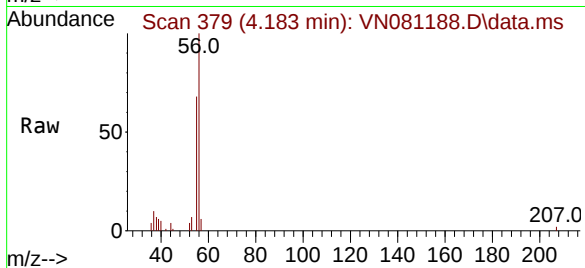
55 72.1 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#14

Allyl chloride

Concen: 18.644 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

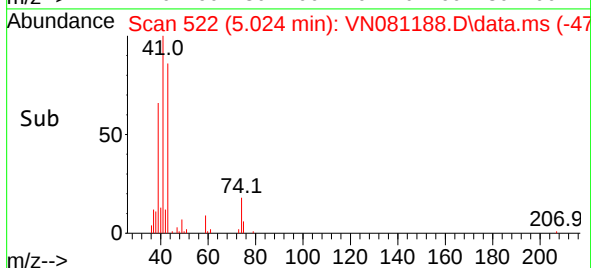
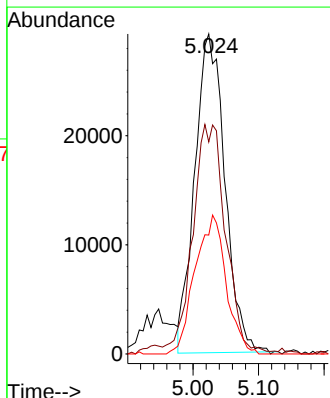
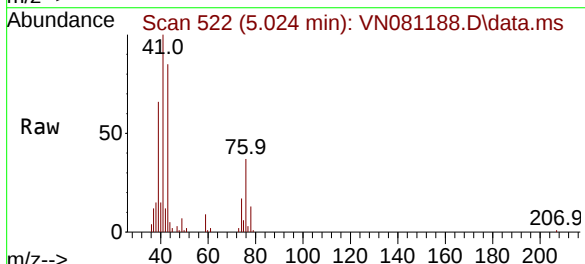
Tgt Ion: 41 Resp: 93318

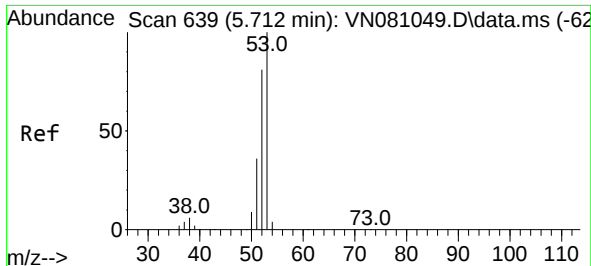
Ion Ratio Lower Upper

41 100

39 78.5 57.7 86.5

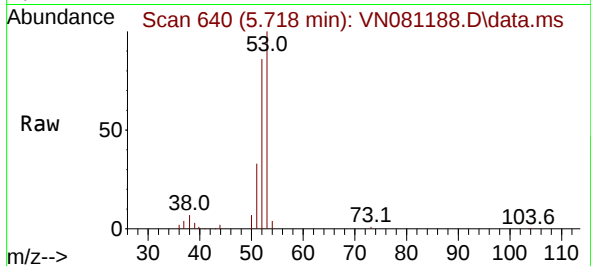
76 44.9 26.8 40.2#





#15
Acrylonitrile
Concen: 97.841 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

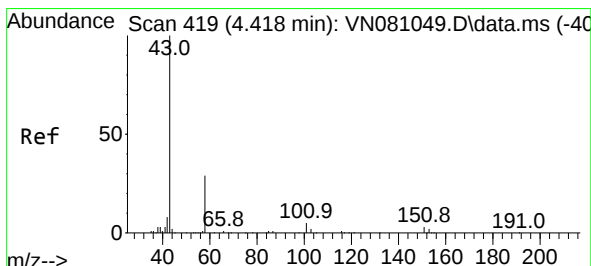
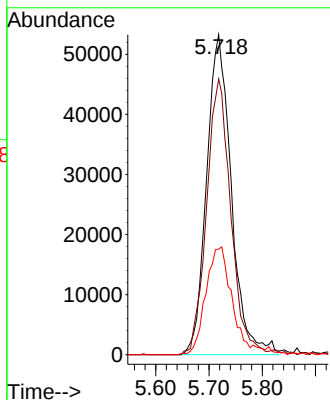
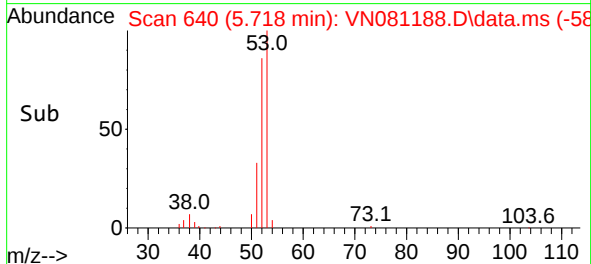
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



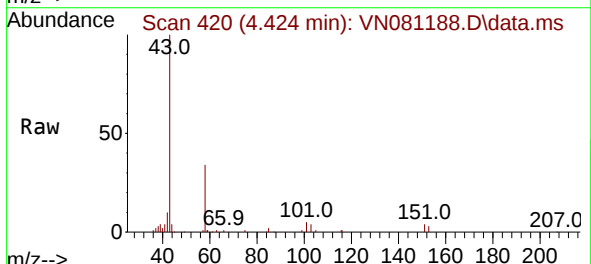
Tgt Ion: 53 Resp: 17181
Ion Ratio Lower Upper
53 100
52 84.1 64.8 97.2
51 36.6 26.9 40.3

Manual Integrations
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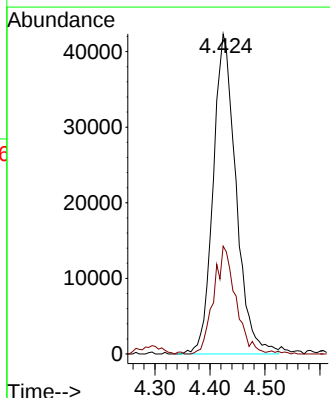
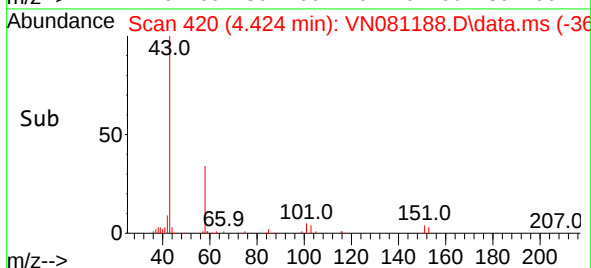
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

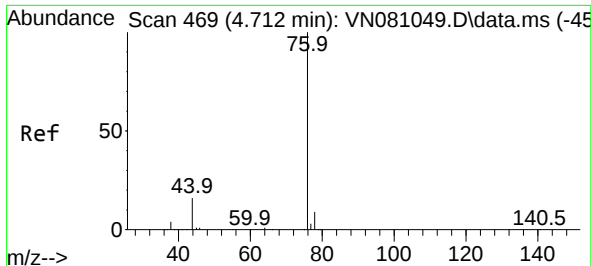


#16
Acetone
Concen: 85.179 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29



Tgt Ion: 43 Resp: 122542
Ion Ratio Lower Upper
43 100
58 33.1 24.8 37.2





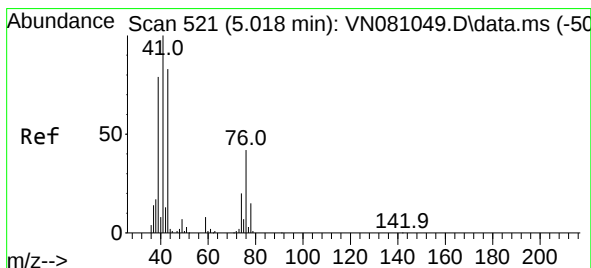
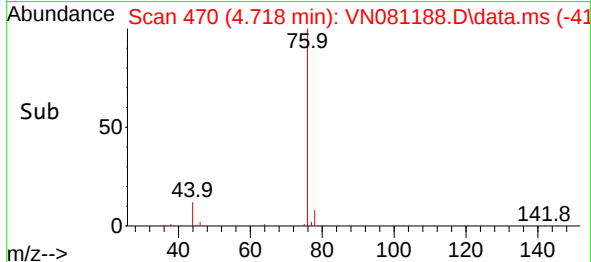
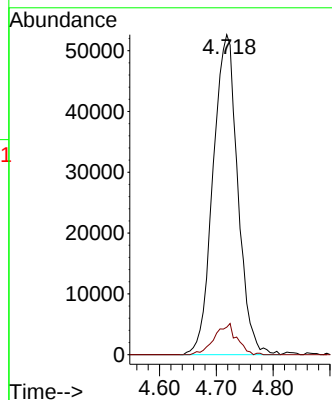
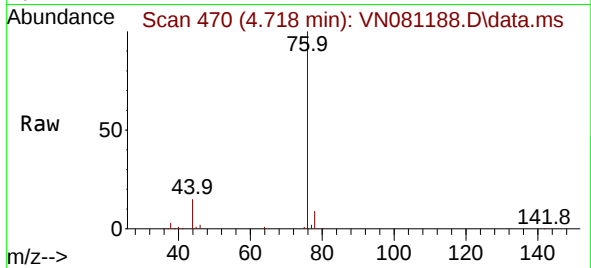
#17
Carbon Disulfide
Concen: 16.926 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion: 76 Resp: 15925
Ion Ratio Lower Upper
76 100
78 8.6 6.3 9.5

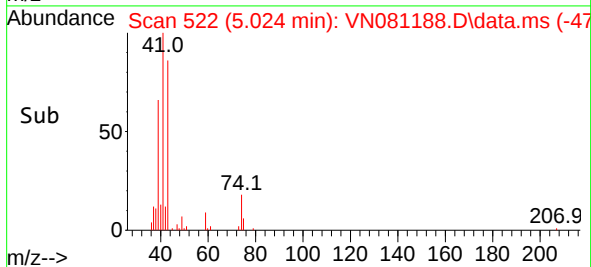
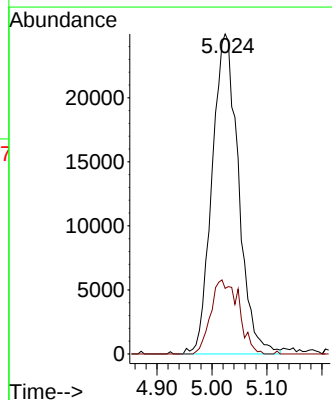
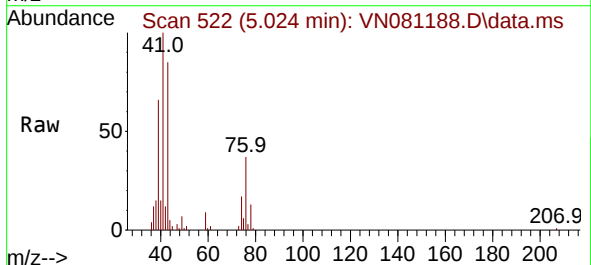
Manual Integrations
APPROVED

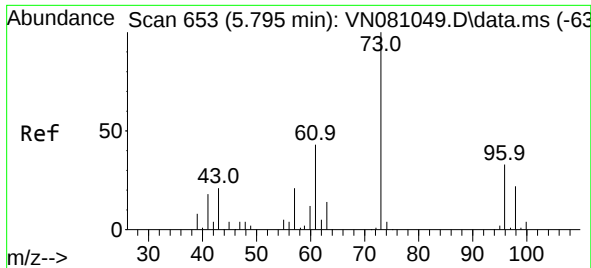
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#18
Methyl Acetate
Concen: 23.737 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Tgt Ion: 43 Resp: 83306
Ion Ratio Lower Upper
43 100
74 24.6 17.3 25.9





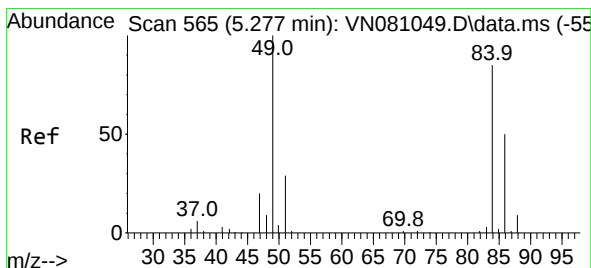
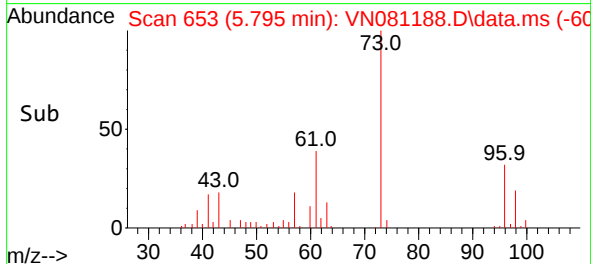
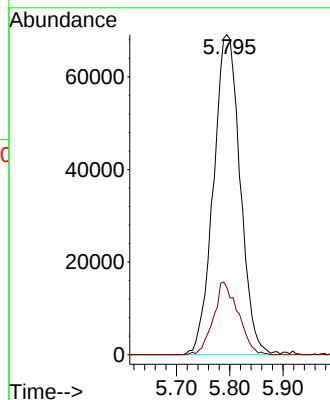
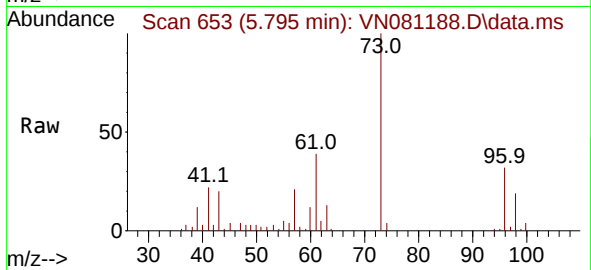
#19
Methyl tert-butyl Ether
Concen: 20.819 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion: 73 Resp: 240530
Ion Ratio Lower Upper
73 100
57 21.0 18.2 27.4

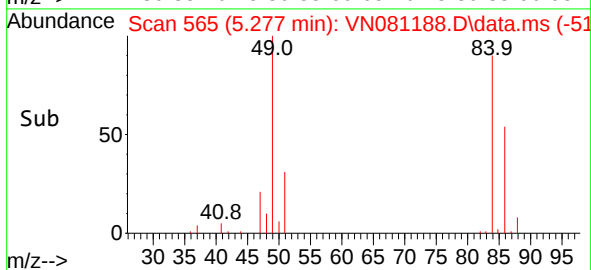
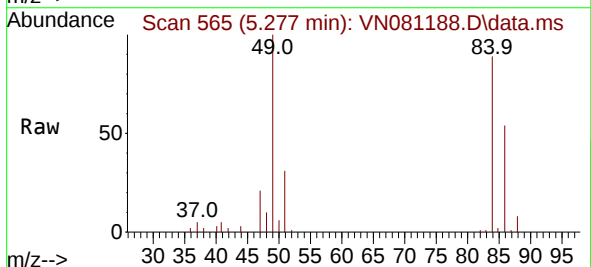
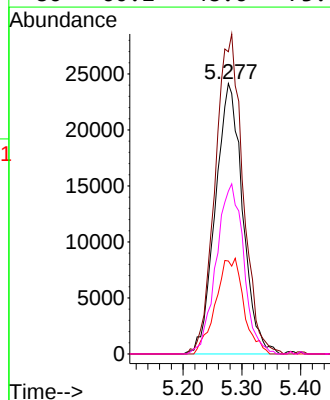
Manual Integrations
APPROVED

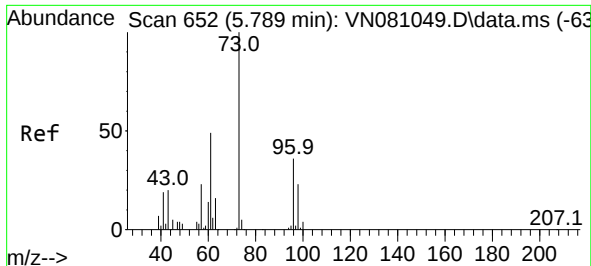
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#20
Methylene Chloride
Concen: 20.311 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

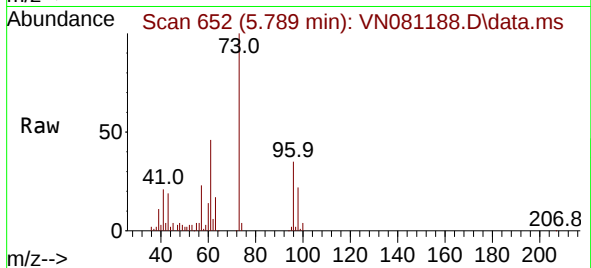
Tgt Ion: 84 Resp: 77646
Ion Ratio Lower Upper
84 100
49 111.8 108.1 162.1
51 34.4 32.9 49.3
86 60.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 19.371 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

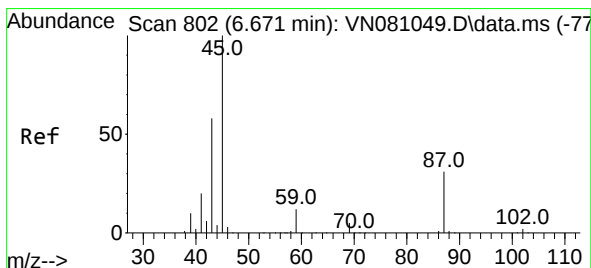
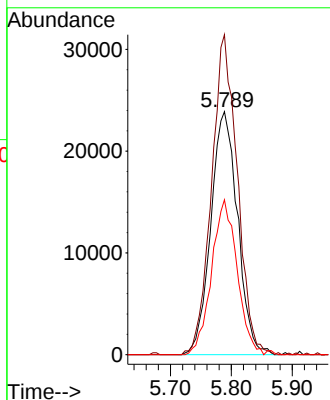
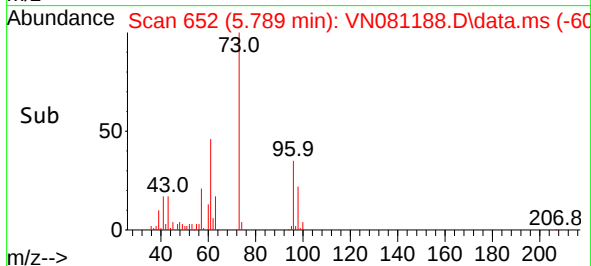
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 96 Resp: 7290
Ion Ratio Lower Upper
96 100
61 131.7 112.8 169.2
98 63.7 51.0 76.4

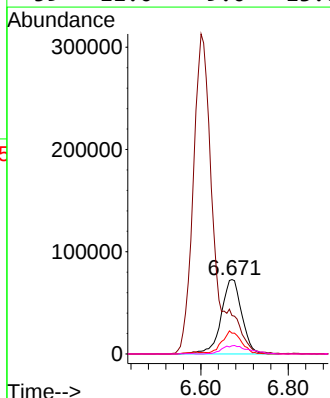
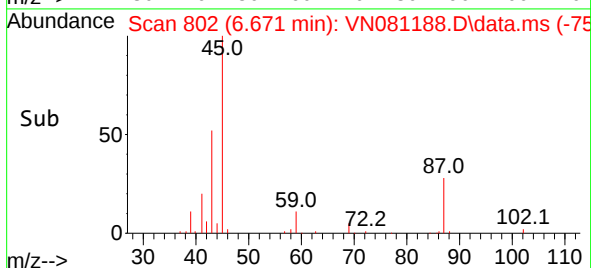
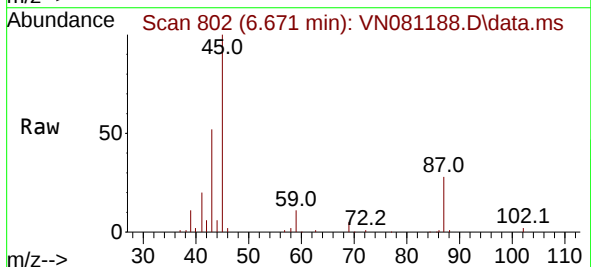
Manual Integrations
APPROVED

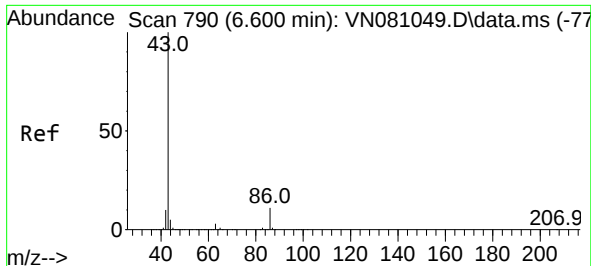
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#22
Diisopropyl ether
Concen: 20.991 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

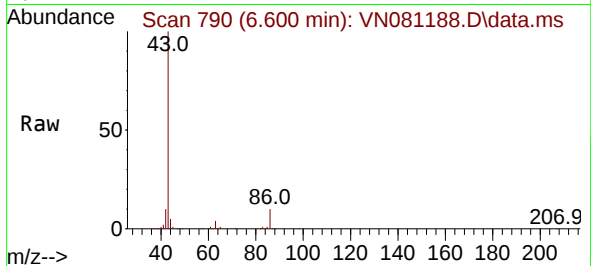
Tgt Ion: 45 Resp: 238329
Ion Ratio Lower Upper
45 100
43 50.7 41.8 62.8
87 28.1 18.1 27.1#
59 11.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 97.814 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081188.D
 Acq: 26 Feb 2024 12:29

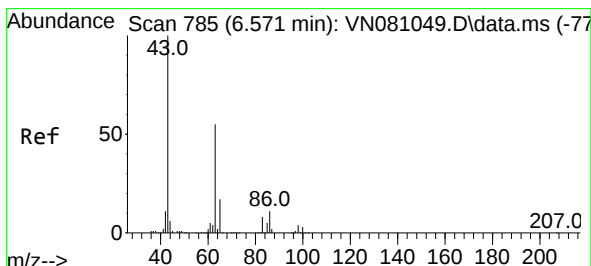
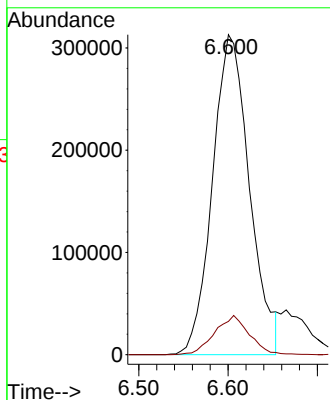
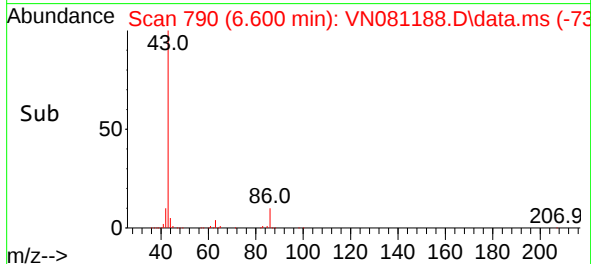
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01



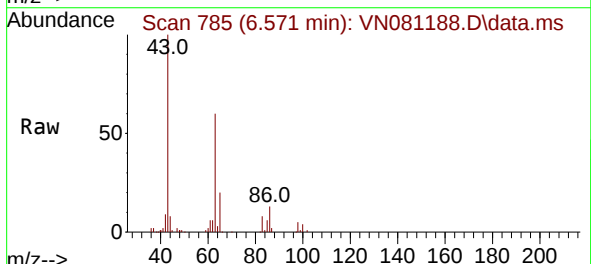
Tgt Ion: 43 Resp: 901049
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7

Manual Integrations
 APPROVED

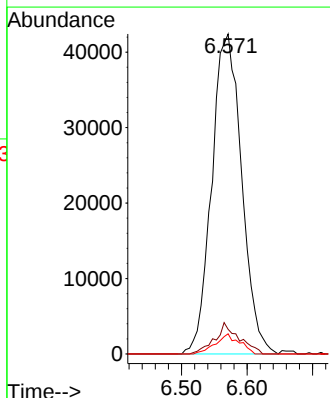
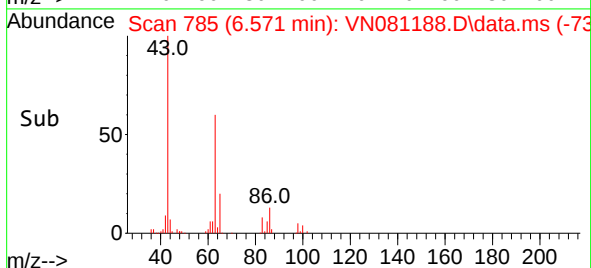
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024

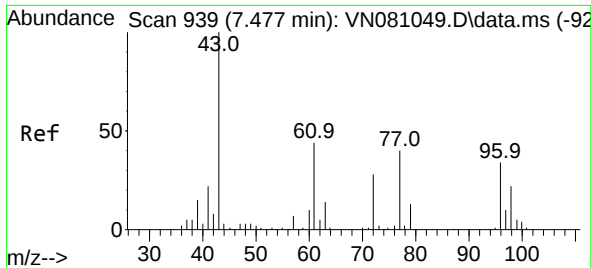


#24
 1,1-Dichloroethane
 Concen: 20.486 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081188.D
 Acq: 26 Feb 2024 12:29



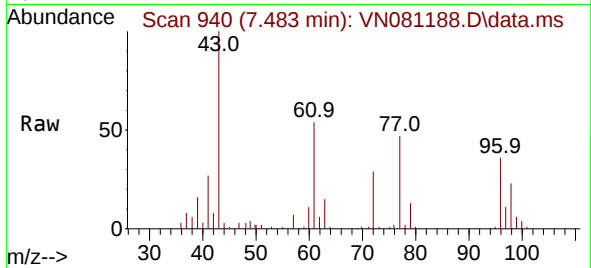
Tgt Ion: 63 Resp: 134490
 Ion Ratio Lower Upper
 63 100
 98 7.7 2.9 8.6
 100 6.3 1.9 5.7#





#25
2-Butanone
Concen: 92.913 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

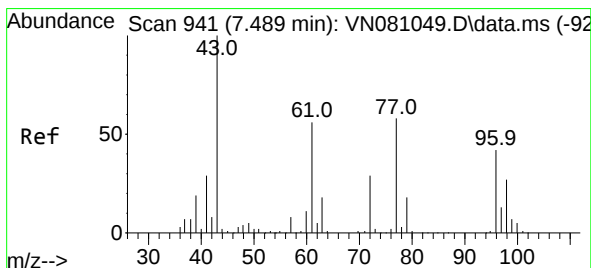
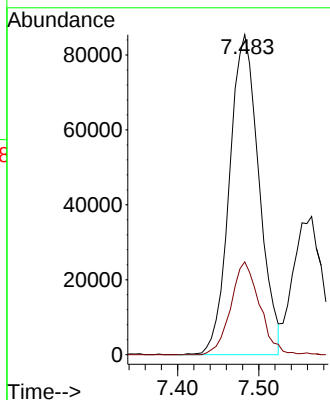
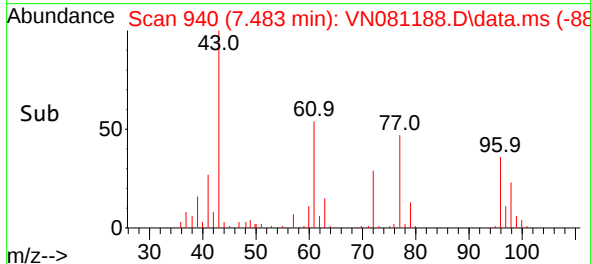
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



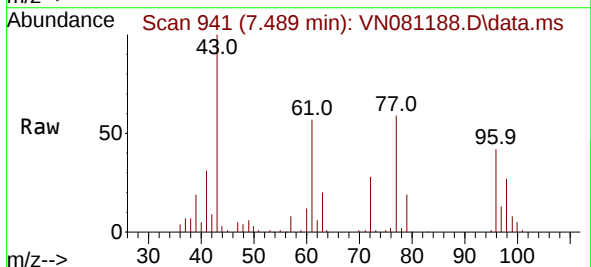
Tgt Ion: 43 Resp: 21594
Ion Ratio Lower Upper
43 100
72 29.0 19.5 29.3

Manual Integrations
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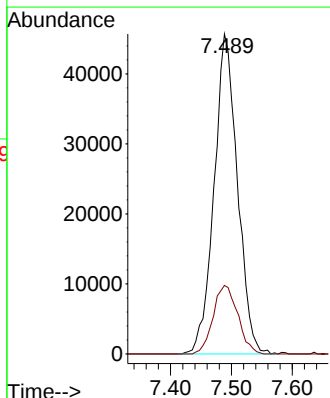
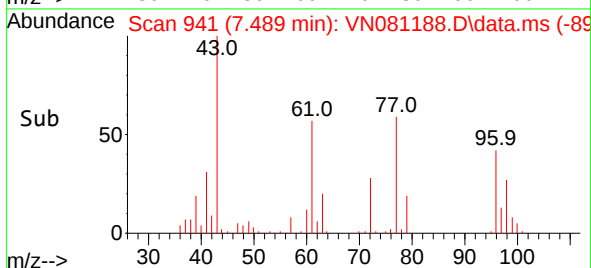
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

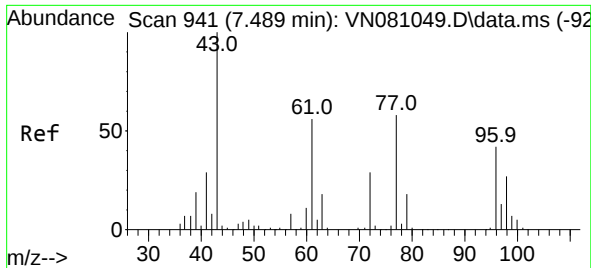


#26
2,2-Dichloropropane
Concen: 19.796 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29



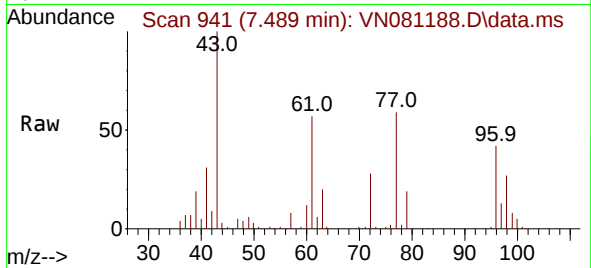
Tgt Ion: 77 Resp: 121774
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.370 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081188.D
 Acq: 26 Feb 2024 12:29

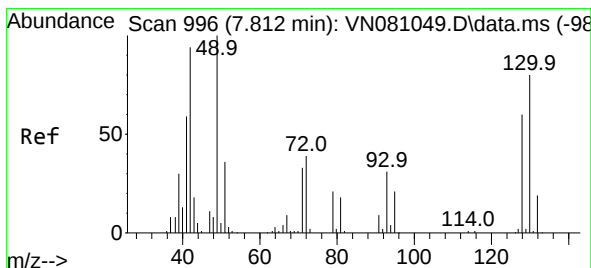
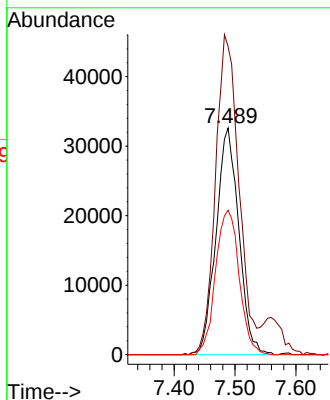
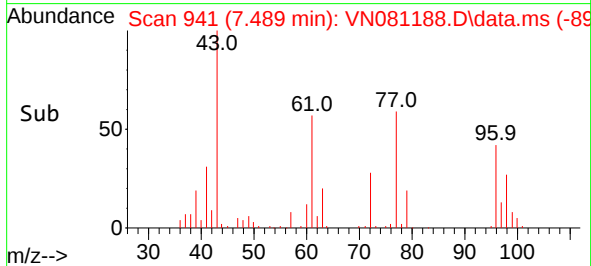
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01



Tgt Ion: 96 Resp: 84700
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 325.4
 98 66.3 0.0 130.4

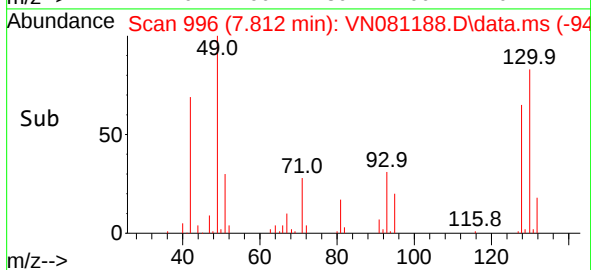
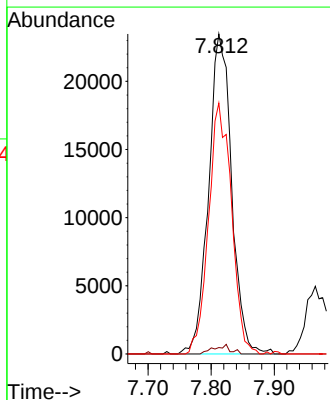
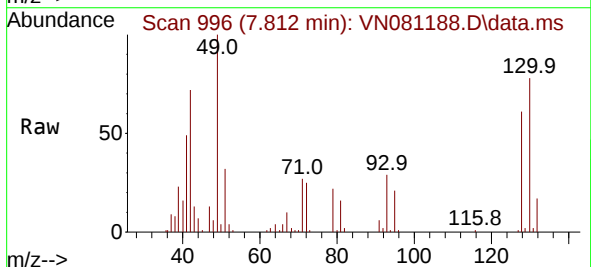
Manual Integrations
 APPROVED

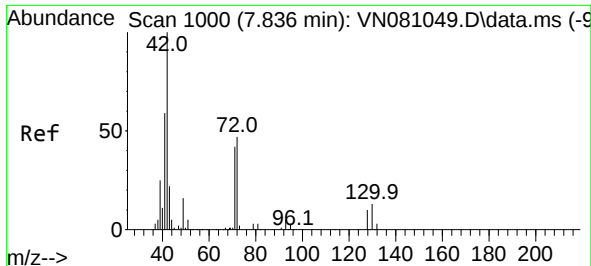
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024



#28
 Bromochloromethane
 Concen: 21.880 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081188.D
 Acq: 26 Feb 2024 12:29

Tgt Ion: 49 Resp: 59549
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 1.6#
 130 77.8 42.3 63.5#





#29

Tetrahydrofuran

Concen: 95.227 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion: 42 Resp: 14774

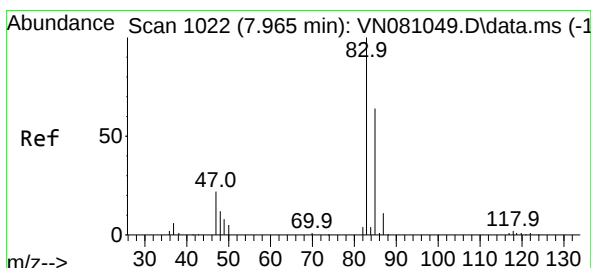
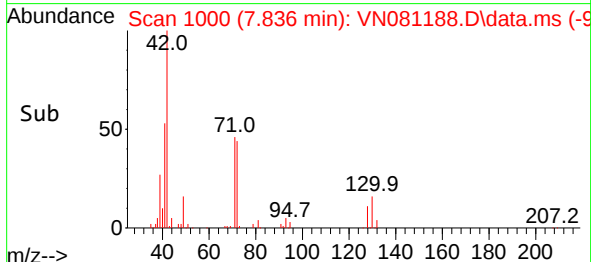
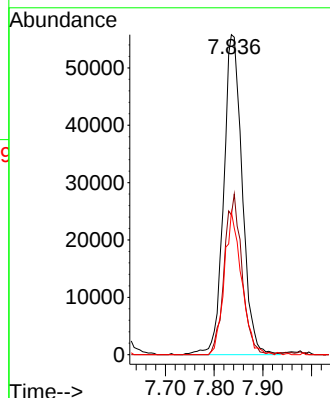
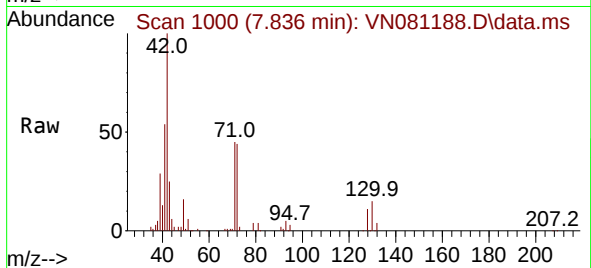
Ion	Ratio	Lower	Upper
42	100		
72	47.3	31.1	46.7
71	41.9	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#30

Chloroform

Concen: 20.124 ug/l

RT: 7.965 min Scan# 1022

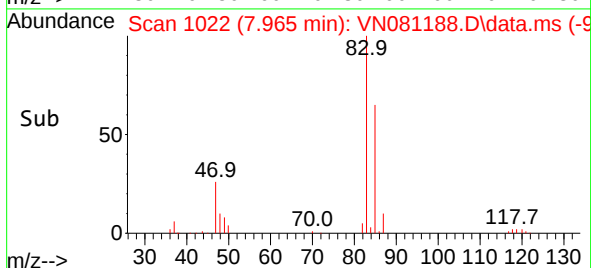
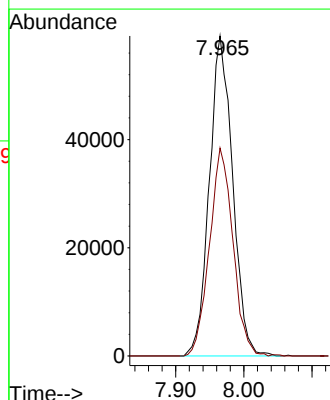
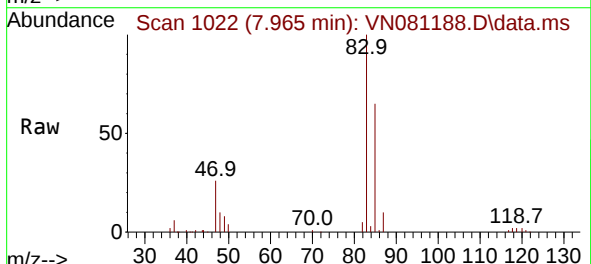
Delta R.T. -0.000 min

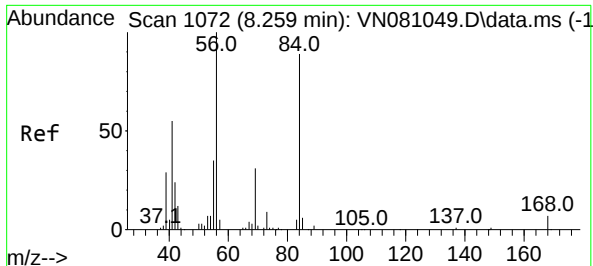
Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Tgt Ion: 83 Resp: 140448

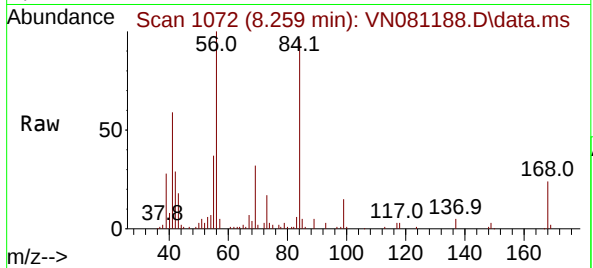
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.0	76.6





#31
Cyclohexane
Concen: 18.686 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

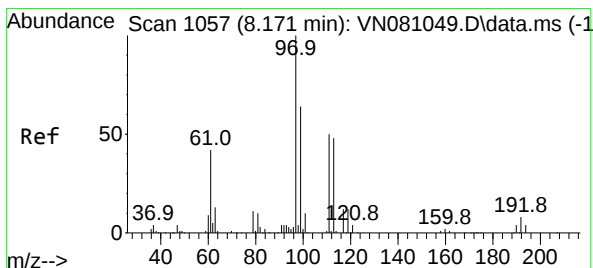
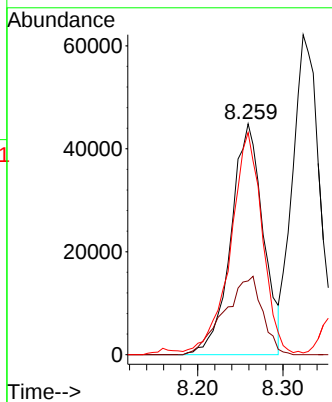
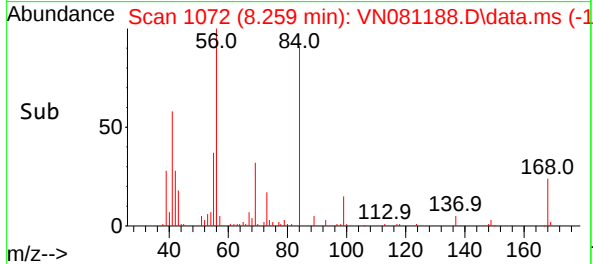
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



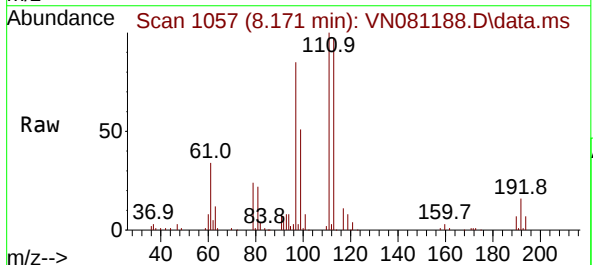
Tgt Ion: 56 Resp: 11796
Ion Ratio Lower Upper
56 100
69 31.3 20.1 30.1
84 94.5 56.9 85.3

Manual Integrations
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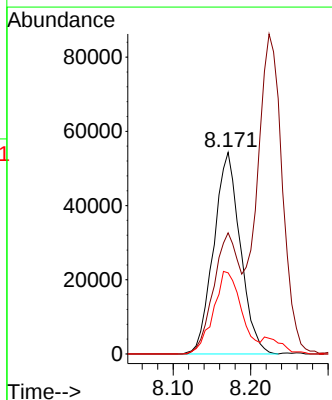
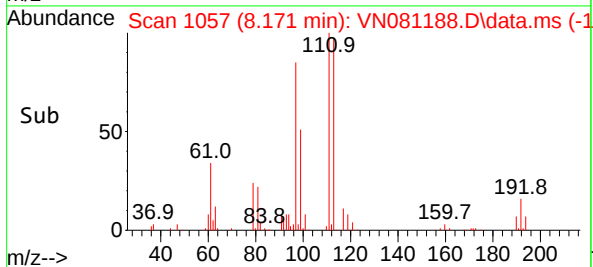
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

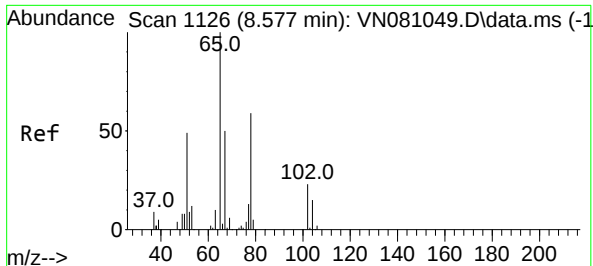


#32
1,1,1-Trichloroethane
Concen: 20.420 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29



Tgt Ion: 97 Resp: 129792
Ion Ratio Lower Upper
97 100
99 57.5 53.4 80.0
61 43.3 43.8 65.8





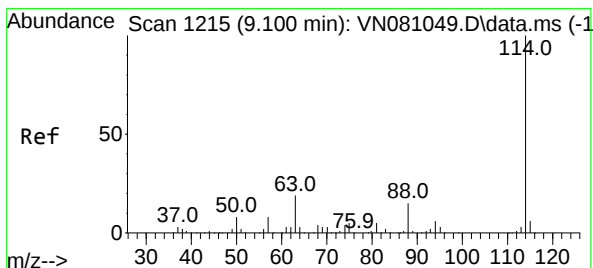
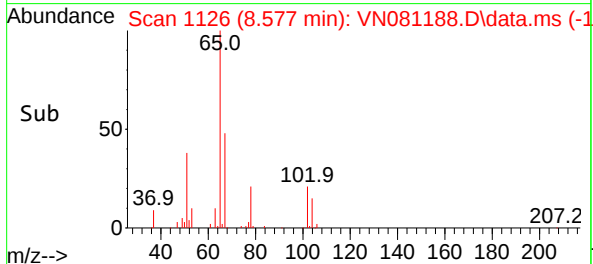
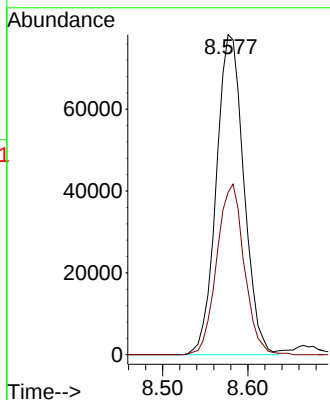
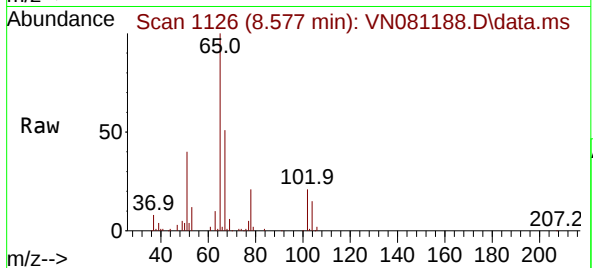
#33
1,2-Dichloroethane-d4
Concen: 48.044 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion: 65 Resp: 175660
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.4

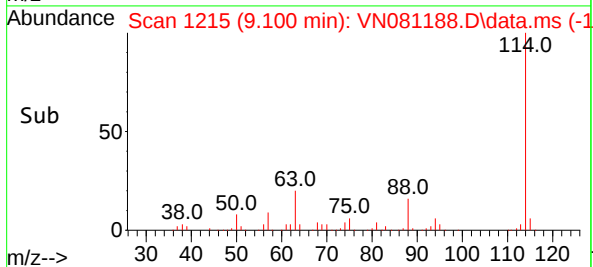
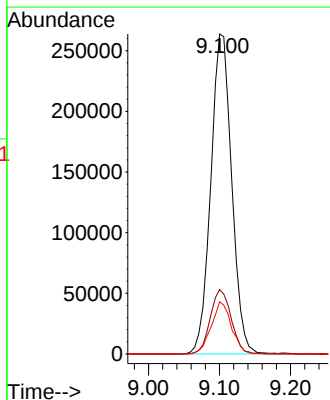
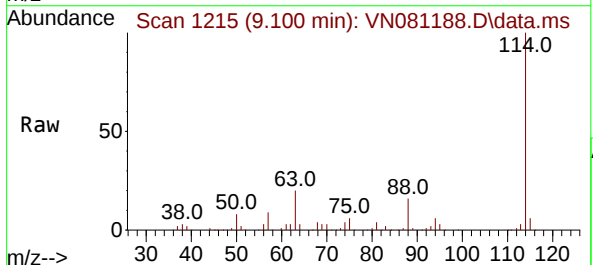
Manual Integrations
APPROVED

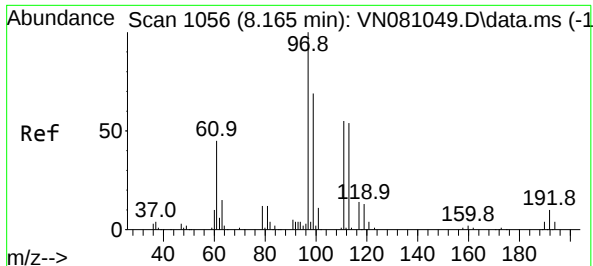
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Tgt Ion:114 Resp: 539268
Ion Ratio Lower Upper
114 100
63 20.1 0.0 48.0
88 16.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.166 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion: 113 Resp: 15602

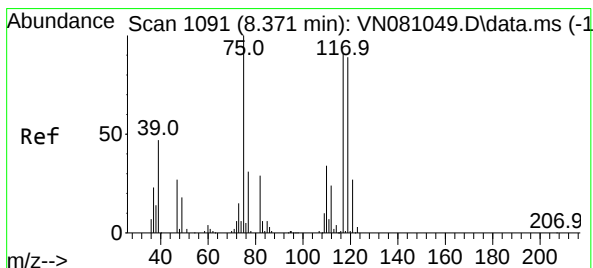
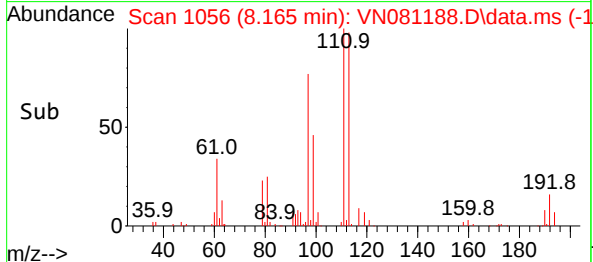
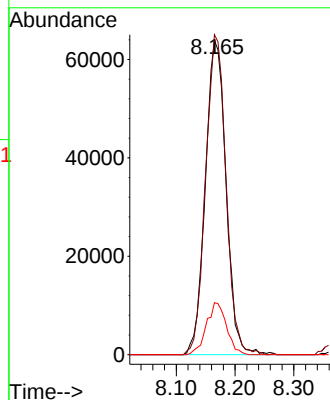
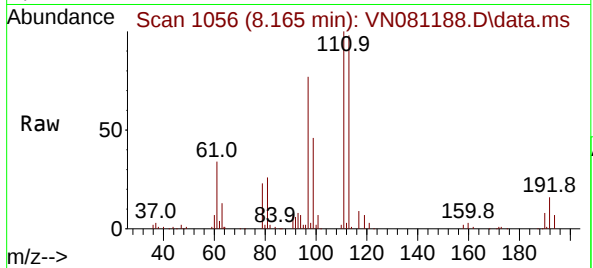
Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.2	123.4
192	16.1	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#36

1,1-Dichloropropene

Concen: 19.261 ug/l

RT: 8.377 min Scan# 1092

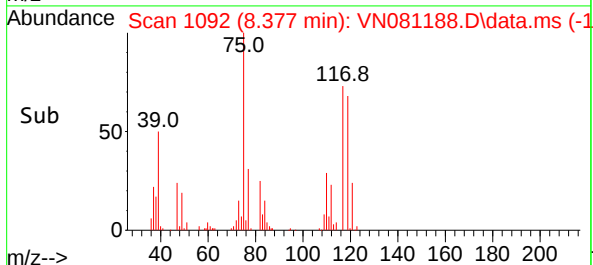
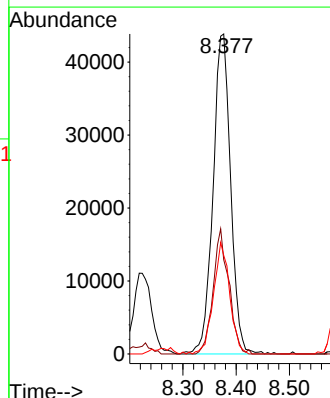
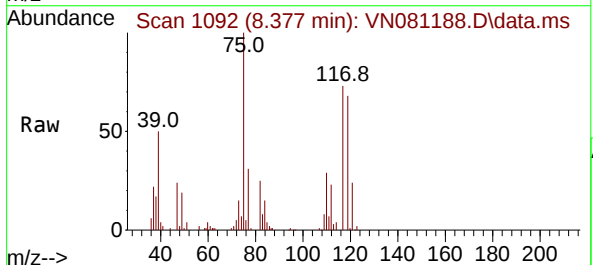
Delta R.T. 0.006 min

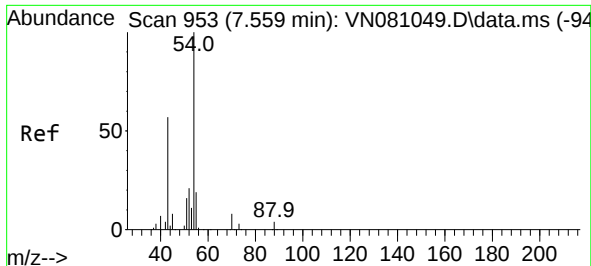
Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Tgt Ion: 75 Resp: 100626

Ion	Ratio	Lower	Upper
75	100		
110	35.0	16.0	48.0
77	32.3	25.8	38.6





#37

Ethyl Acetate

Concen: 19.805 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion: 43 Resp: 93379

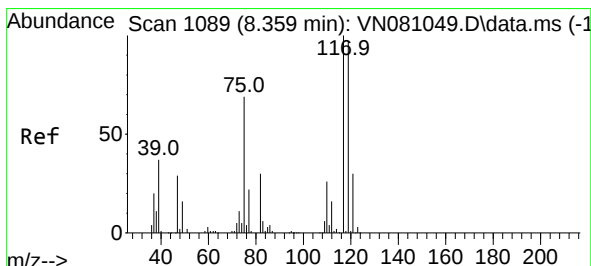
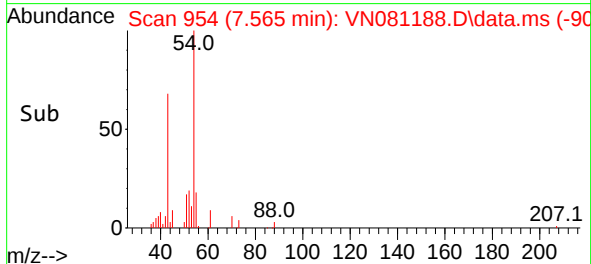
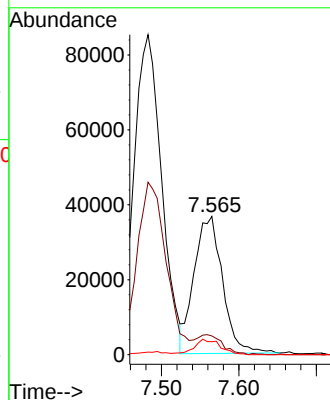
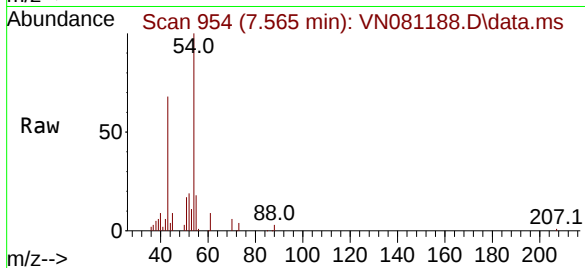
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.6	15.8
70	10.2	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#38

Carbon Tetrachloride

Concen: 20.079 ug/l

RT: 8.365 min Scan# 1090

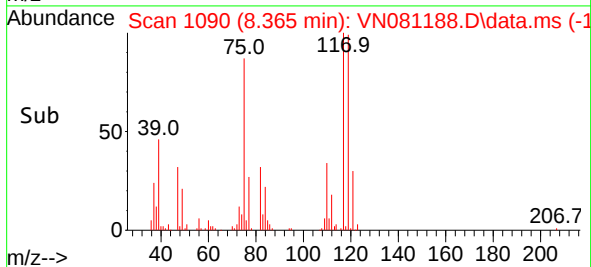
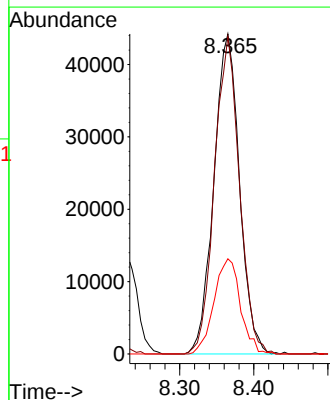
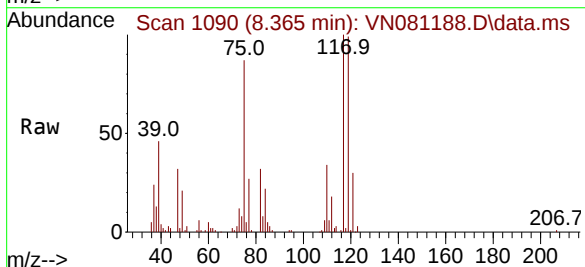
Delta R.T. 0.006 min

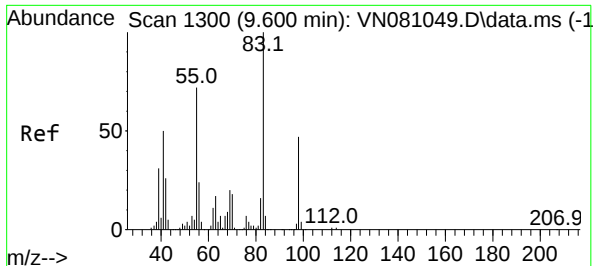
Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Tgt Ion:117 Resp: 106127

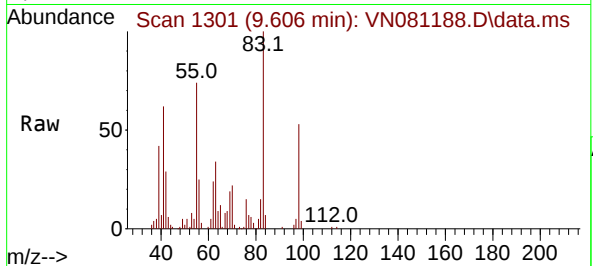
Ion	Ratio	Lower	Upper
117	100		
119	99.2	73.4	110.2
121	29.7	24.4	36.6





#39
Methylcyclohexane
Concen: 19.262 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

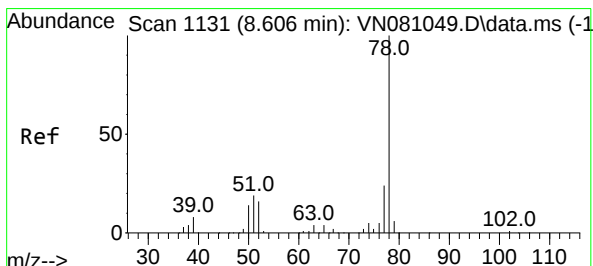
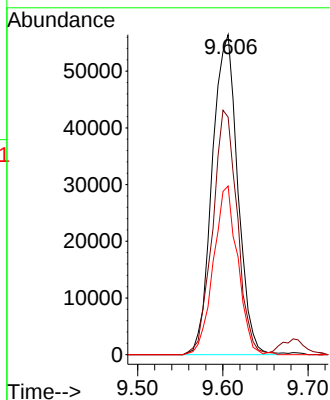
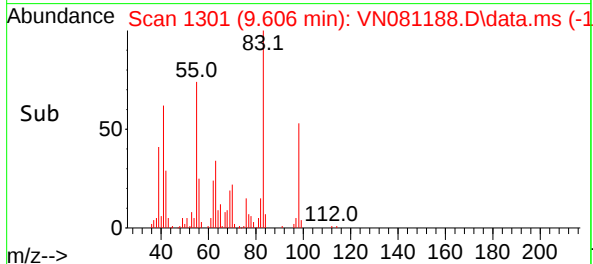
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 83 Resp: 117304
Ion Ratio Lower Upper
83 100
55 74.3 65.7 98.5
98 52.7 33.8 50.6

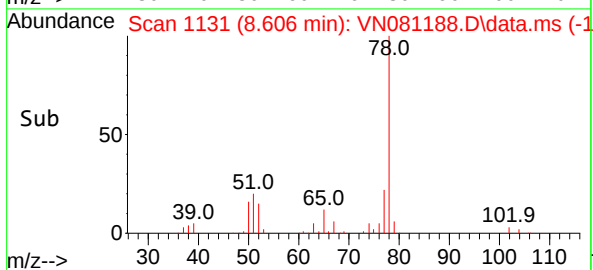
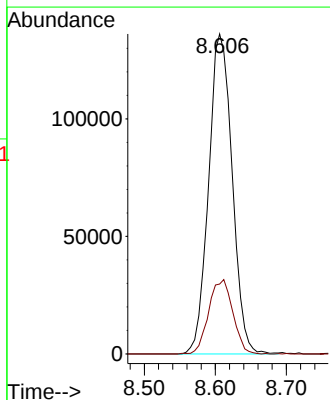
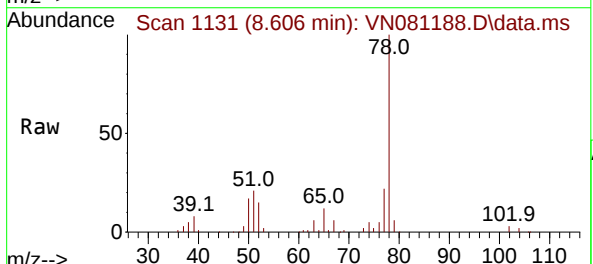
Manual Integrations
APPROVED

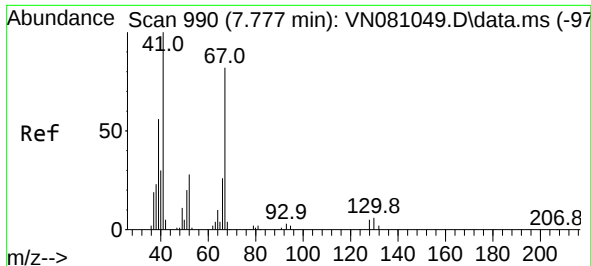
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#40
Benzene
Concen: 20.715 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

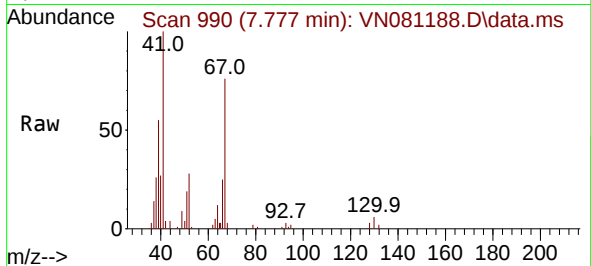
Tgt Ion: 78 Resp: 313236
Ion Ratio Lower Upper
78 100
77 21.9 20.4 30.6





#41
Methacrylonitrile
Concen: 20.142 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

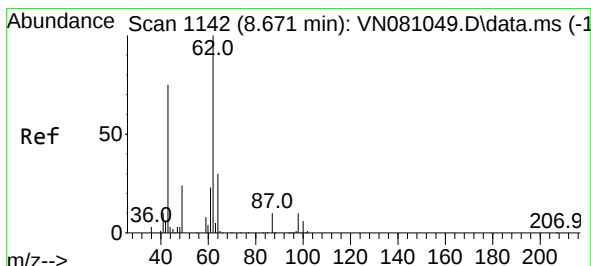
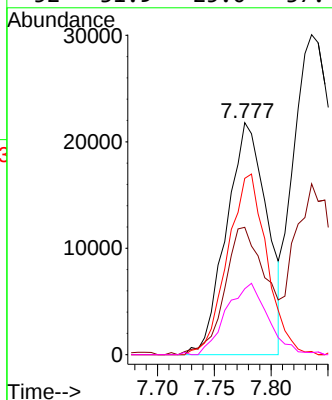
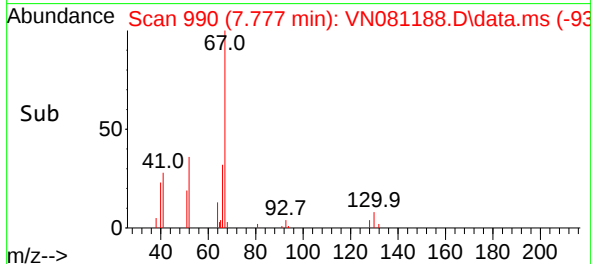
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



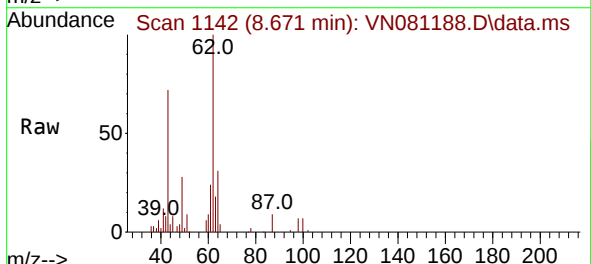
Tgt Ion: 41 Resp: 54048
Ion Ratio Lower Upper
41 100
39 56.0 48.4 72.6
67 75.6 56.8 85.2
52 31.9 25.0 37.4

Manual Integrations
APPROVED

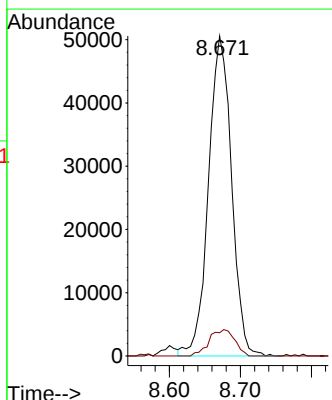
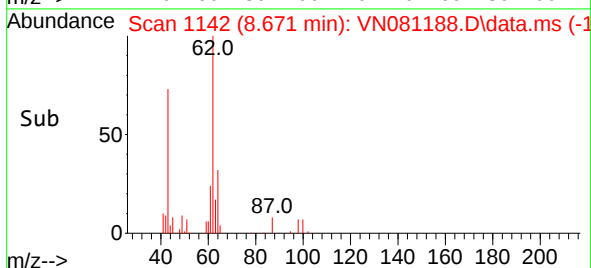
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

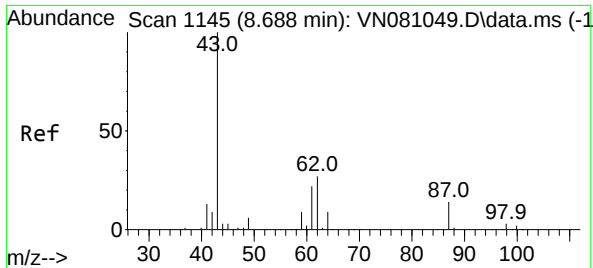


#42
1,2-Dichloroethane
Concen: 21.603 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29



Tgt Ion: 62 Resp: 113972
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.0





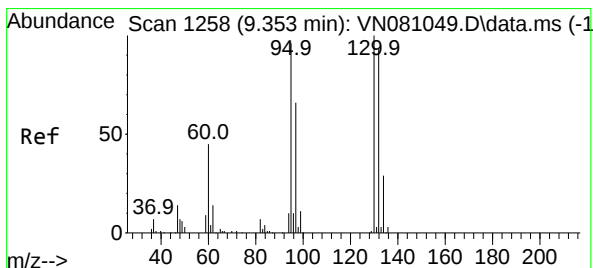
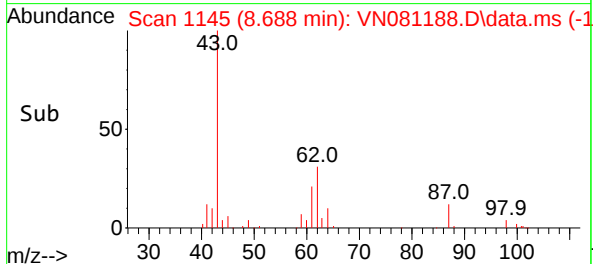
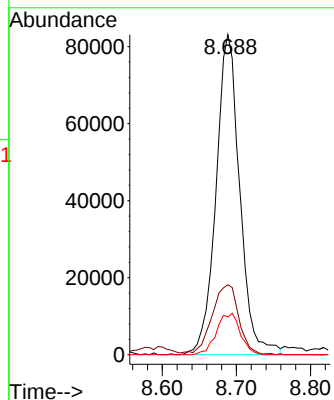
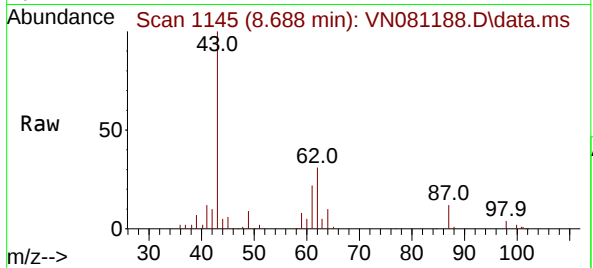
#43
Isopropyl Acetate
Concen: 22.445 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion: 43 Resp: 18508
Ion Ratio Lower Upper
43 100
61 24.7 19.9 29.9
87 12.9 9.0 13.6

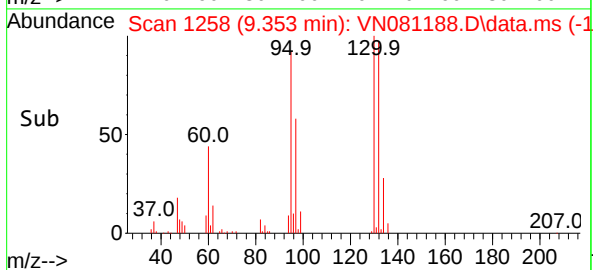
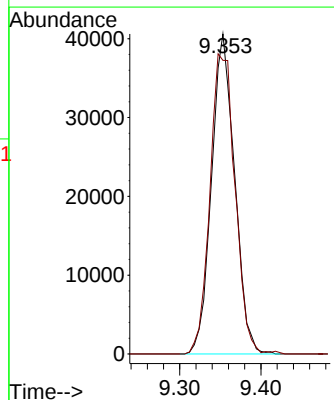
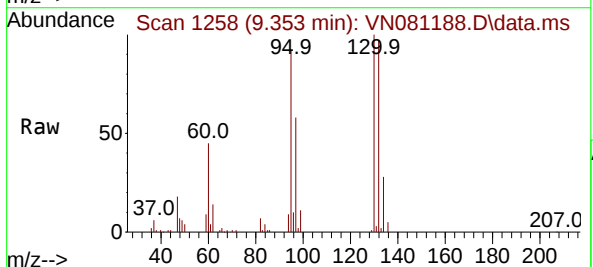
Manual Integrations
APPROVED

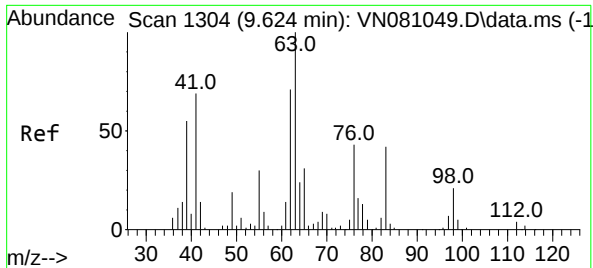
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#44
Trichloroethene
Concen: 19.924 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Tgt Ion:130 Resp: 80244
Ion Ratio Lower Upper
130 100
95 91.8 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.802 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion: 63 Resp: 7868

Ion Ratio Lower Upper

63 100

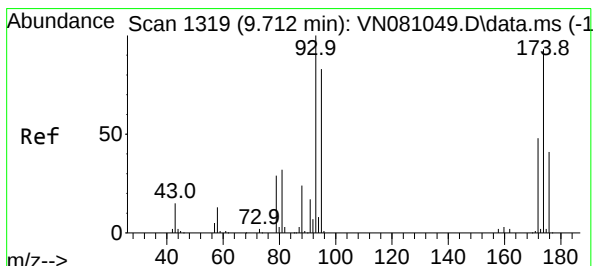
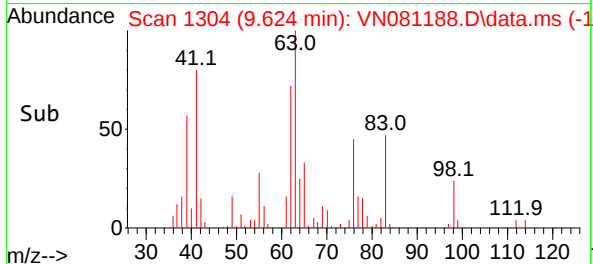
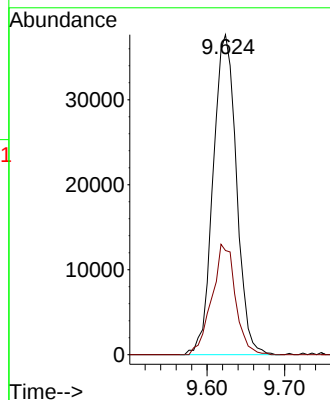
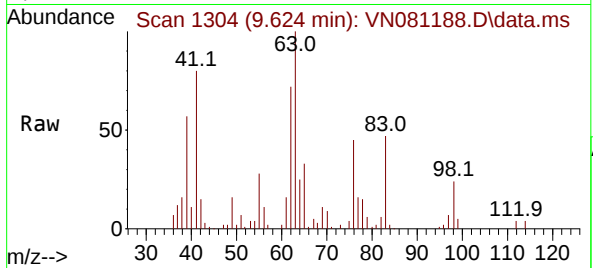
65 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#46

Dibromomethane

Concen: 21.254 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

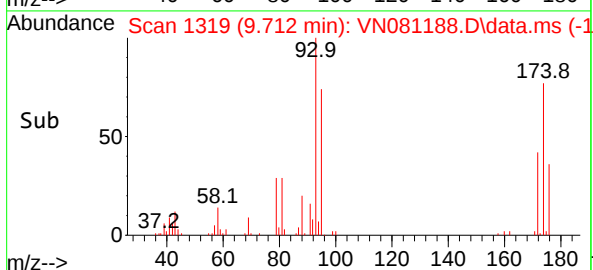
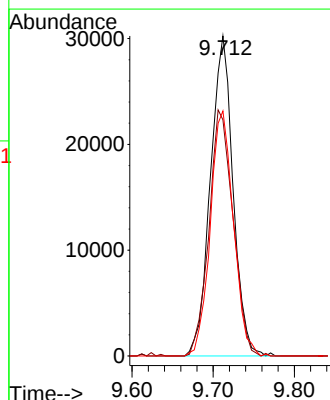
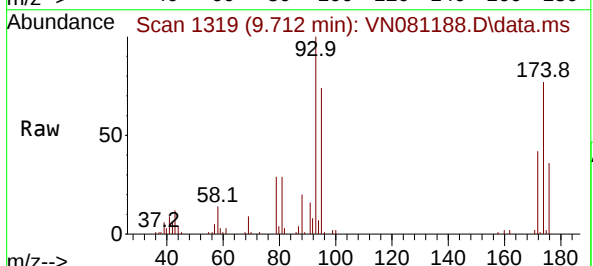
Tgt Ion: 93 Resp: 58577

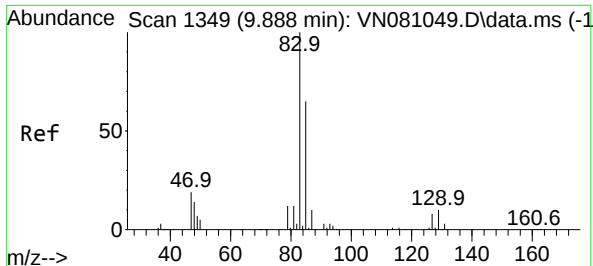
Ion Ratio Lower Upper

93 100

95 81.9 68.1 102.1

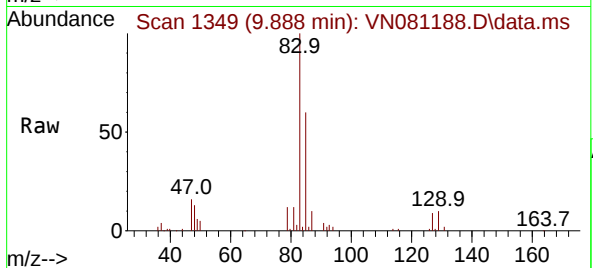
174 78.4 57.2 85.8





#47
Bromodichloromethane
Concen: 22.209 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

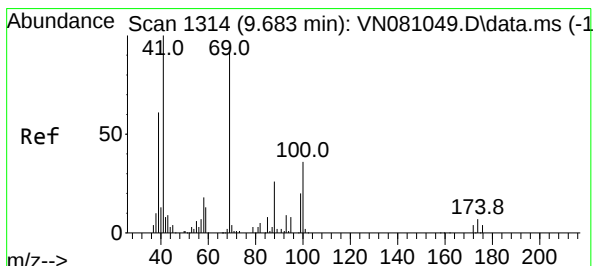
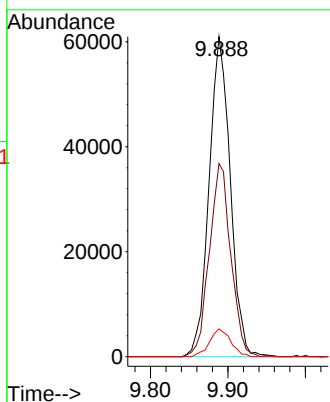
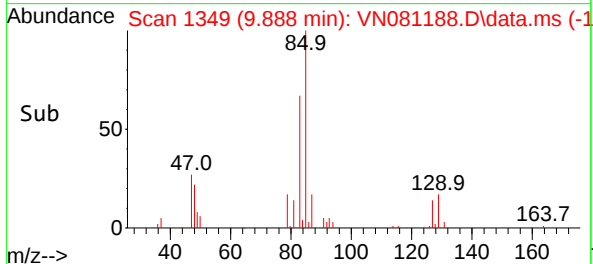
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



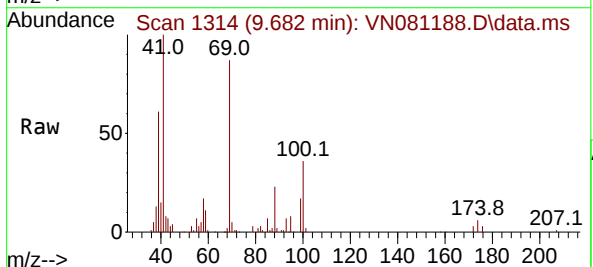
Tgt Ion: 83 Resp: 115924
Ion Ratio Lower Upper
83 100
85 60.3 52.3 78.5
127 8.7 4.6 7.0

Manual Integrations
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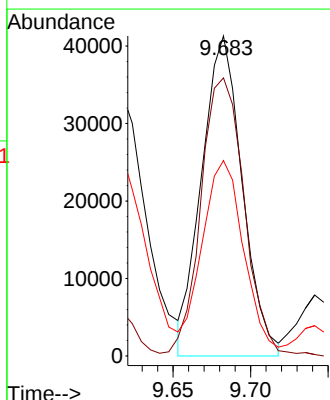
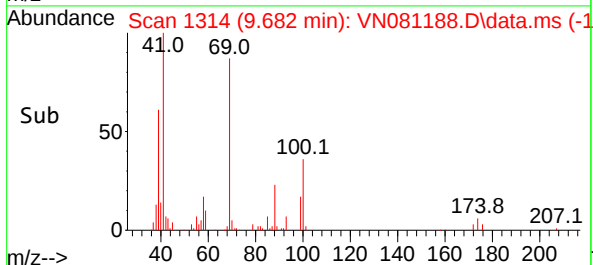
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

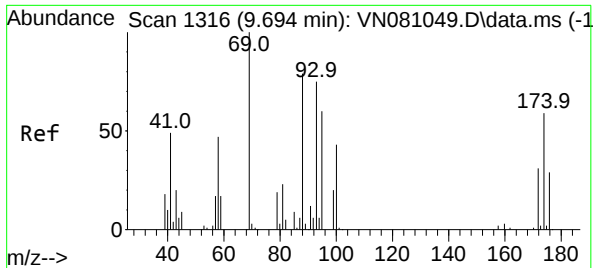


#48
Methyl methacrylate
Concen: 19.580 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29



Tgt Ion: 41 Resp: 75128
Ion Ratio Lower Upper
41 100
69 93.1 62.2 93.2
39 63.2 47.6 71.4





#49

1,4-Dioxane

Concen: 407.363 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

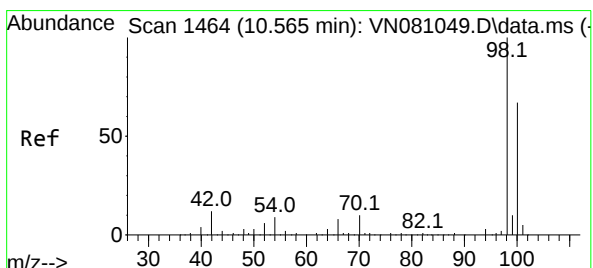
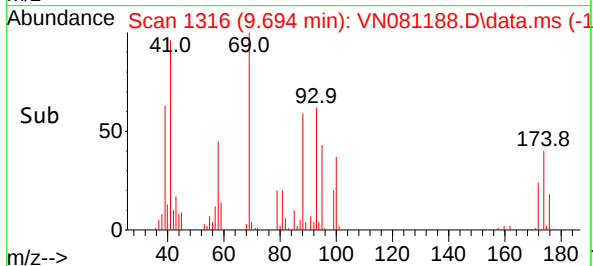
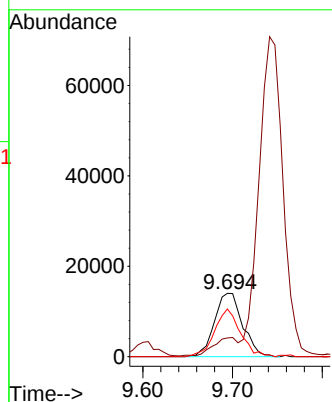
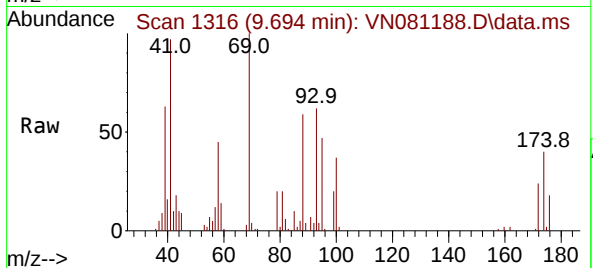
Tgt Ion: 88 Resp: 30434
 Ion Ratio Lower Upper
 88 100
 43 24.9 30.1 45.1
 58 69.1 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#50

Toluene-d8

Concen: 46.115 ug/l

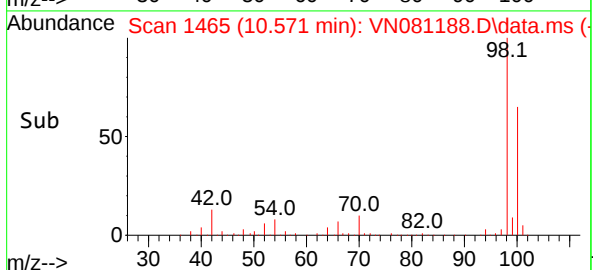
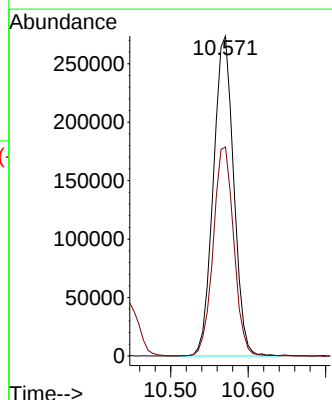
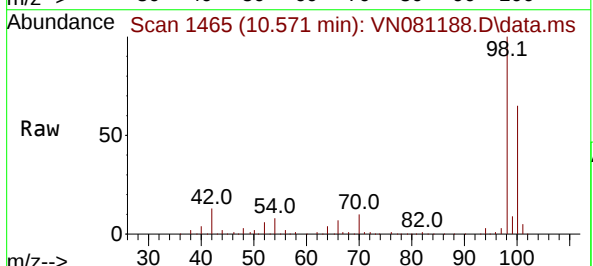
RT: 10.571 min Scan# 1465

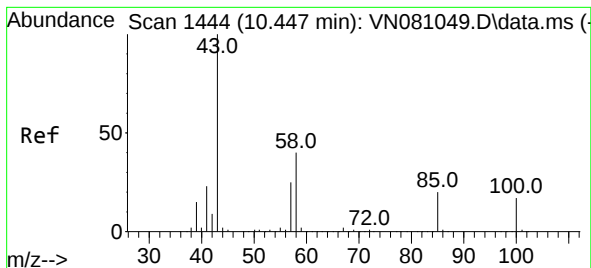
Delta R.T. 0.006 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

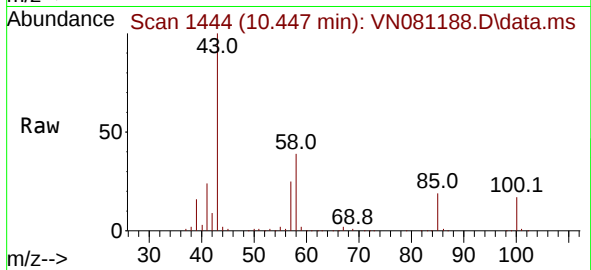
Tgt Ion: 98 Resp: 499460
 Ion Ratio Lower Upper
 98 100
 100 66.0 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 101.410 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

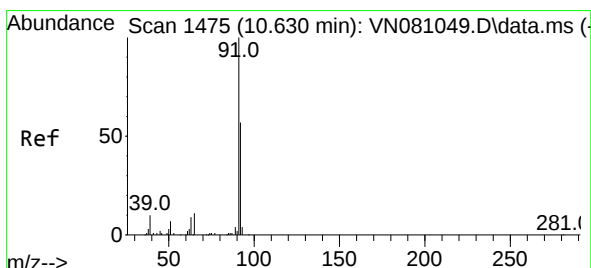
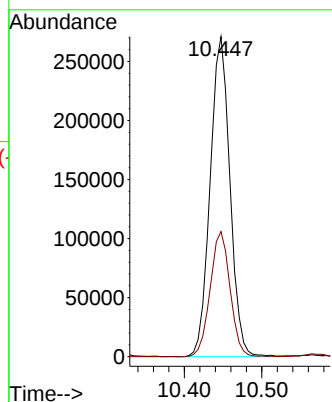
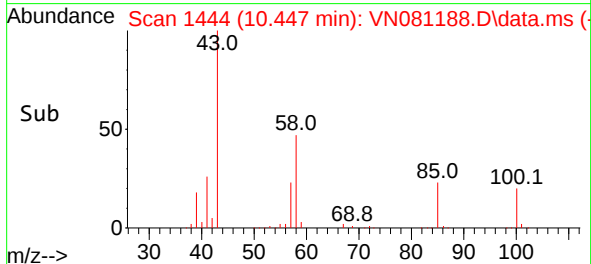
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 43 Resp: 48104
Ion Ratio Lower Upper
43 100
58 39.3 29.4 44.0

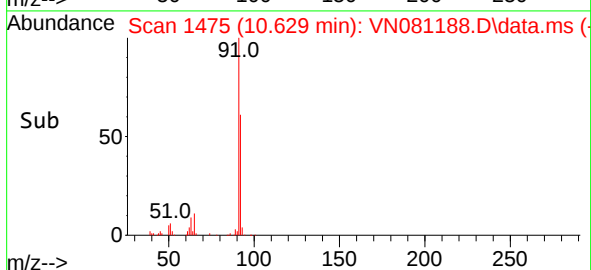
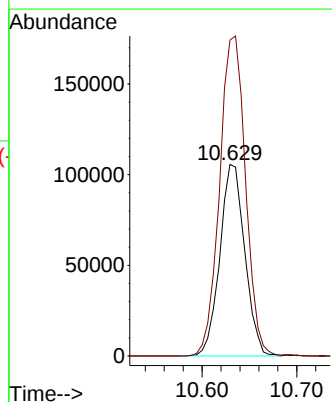
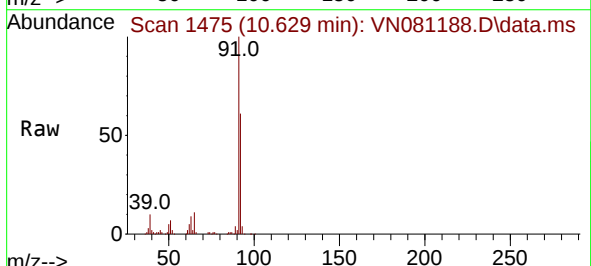
Manual Integrations
APPROVED

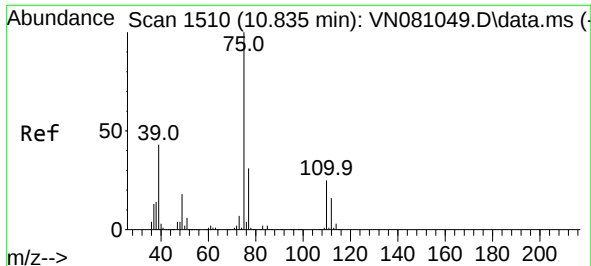
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#52
Toluene
Concen: 20.175 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

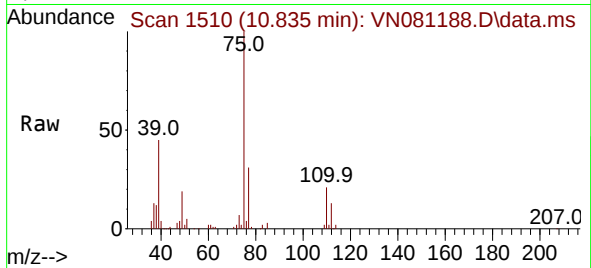
Tgt Ion: 92 Resp: 193140
Ion Ratio Lower Upper
92 100
91 174.0 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 20.531 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

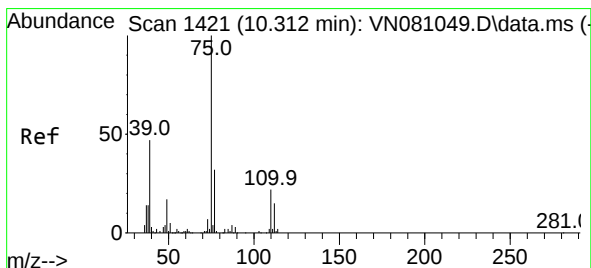
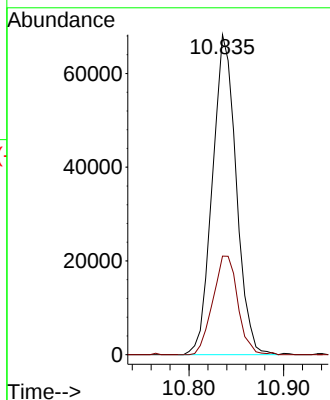
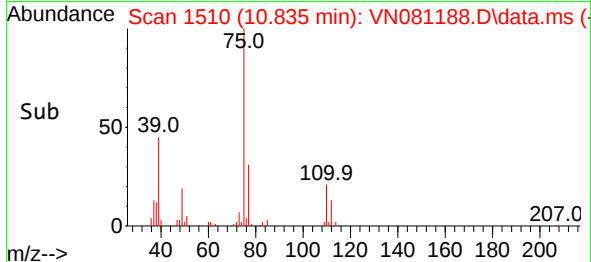
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 75 Resp: 11909
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3

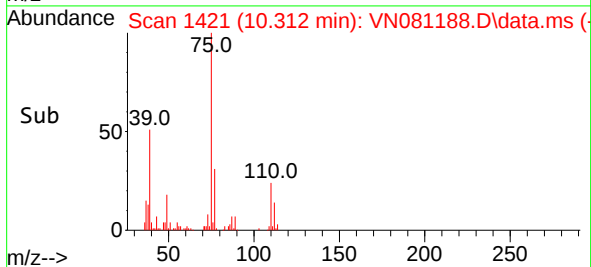
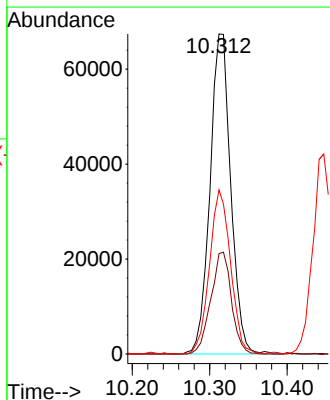
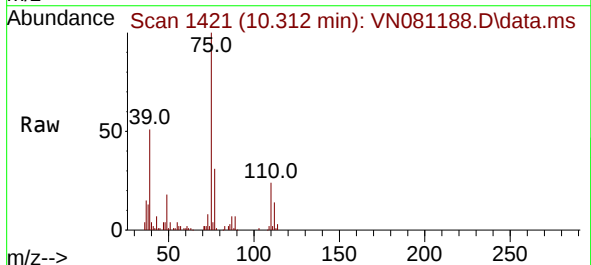
Manual Integrations
APPROVED

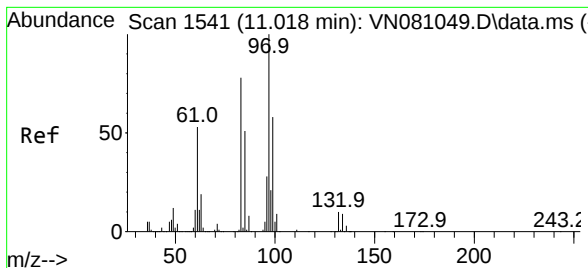
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#54
cis-1,3-Dichloropropene
Concen: 20.022 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

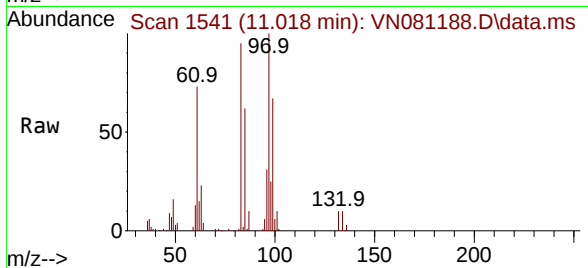
Tgt Ion: 75 Resp: 125478
Ion Ratio Lower Upper
75 100
77 31.3 23.3 34.9
39 50.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.846 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

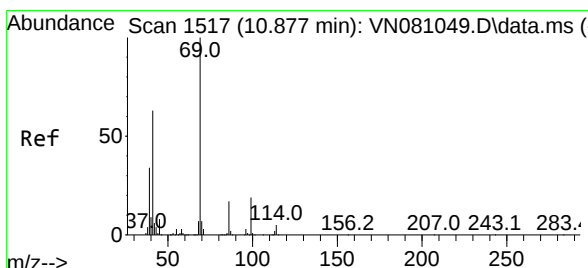
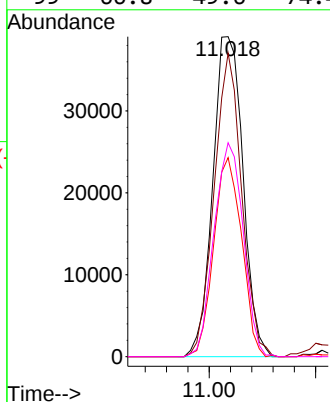
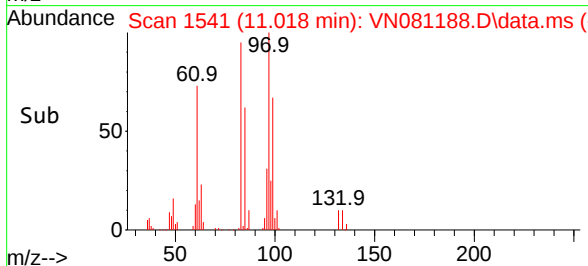
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



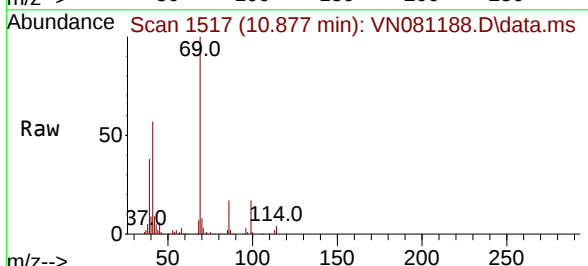
Tgt Ion: 97 Resp: 7675
Ion Ratio Lower Upper
97 100
83 94.9 72.9 109.3
85 62.2 50.2 75.2
99 66.8 49.6 74.4

Manual Integrations
APPROVED

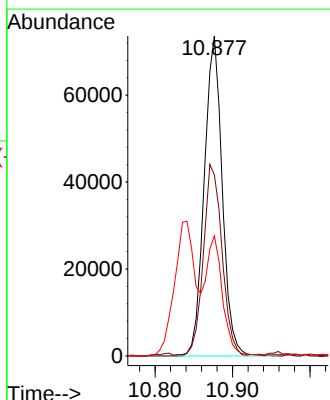
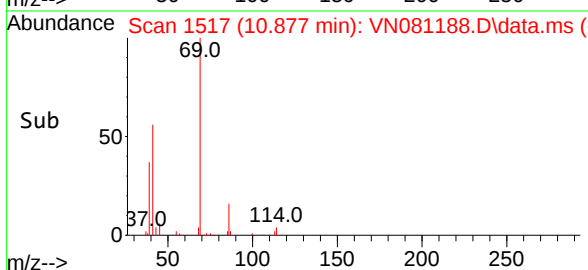
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

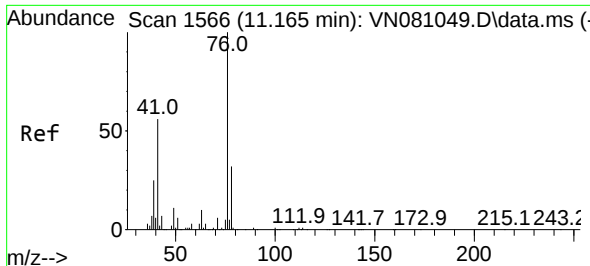


#56
Ethyl methacrylate
Concen: 21.056 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29



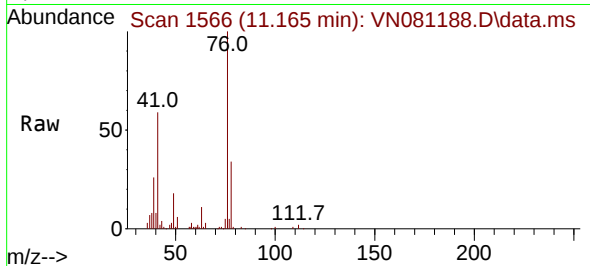
Tgt Ion: 69 Resp: 118489
Ion Ratio Lower Upper
69 100
41 61.4 61.0 91.6
39 33.7 31.8 47.6





#57
1,3-Dichloropropane
Concen: 20.997 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

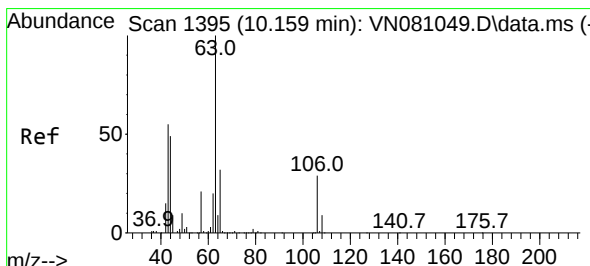
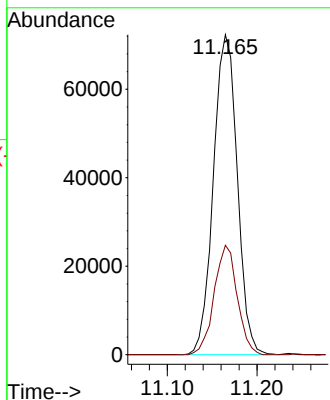
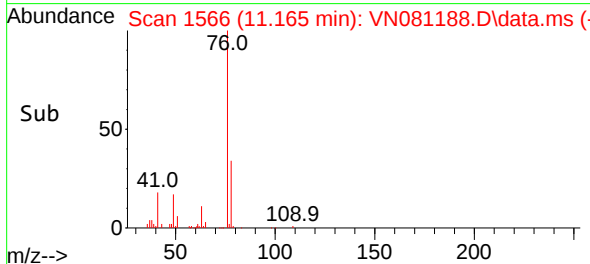
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 76 Resp: 133672
Ion Ratio Lower Upper
76 100
78 33.0 25.5 38.3

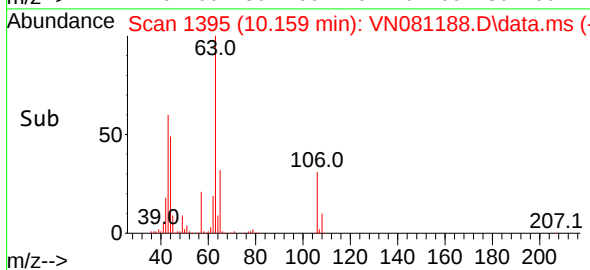
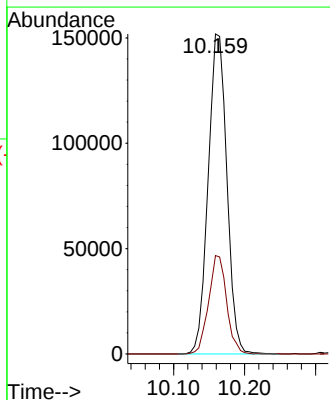
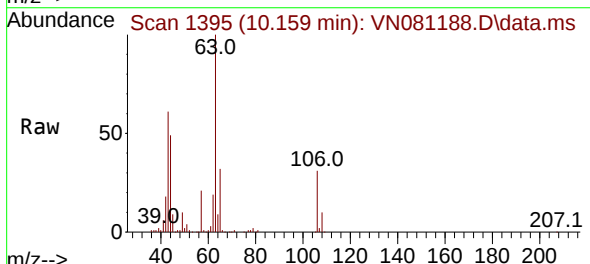
Manual Integrations
APPROVED

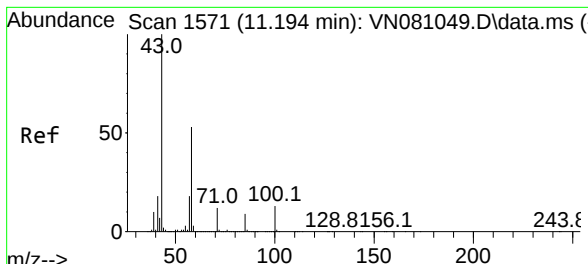
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#58
2-Chloroethyl Vinyl ether
Concen: 98.326 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

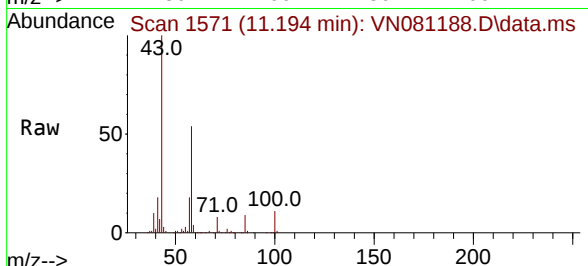
Tgt Ion: 63 Resp: 277619
Ion Ratio Lower Upper
63 100
106 29.6 18.6 28.0#





#59
2-Hexanone
Concen: 91.987 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

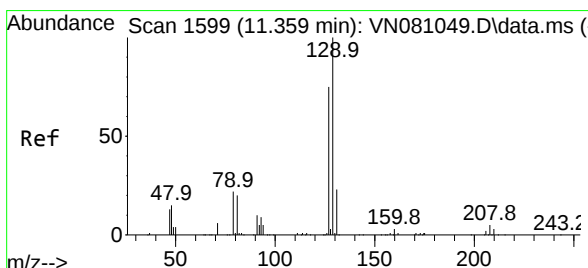
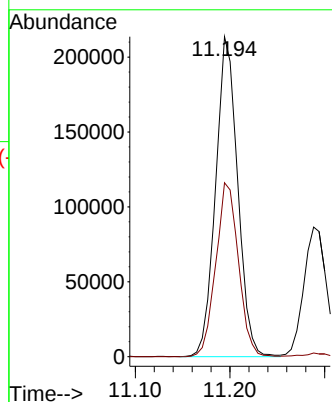
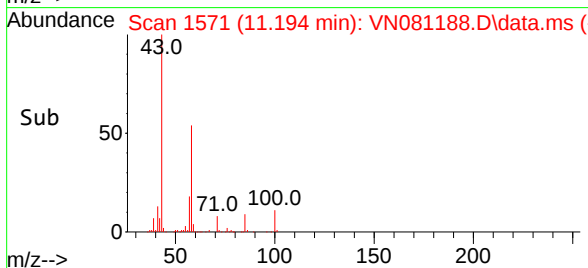
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 43 Resp: 345940
Ion Ratio Lower Upper
43 100
58 55.8 25.9 77.8

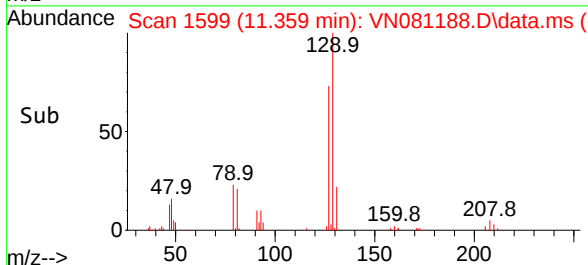
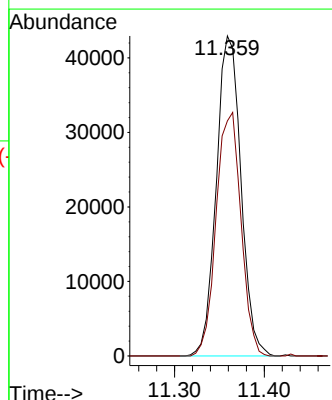
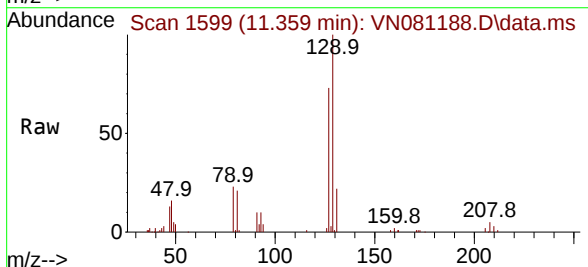
Manual Integrations
APPROVED

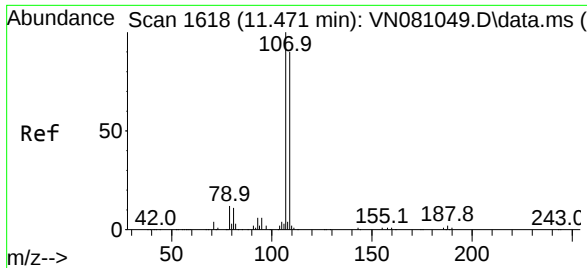
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#60
Dibromochloromethane
Concen: 20.938 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

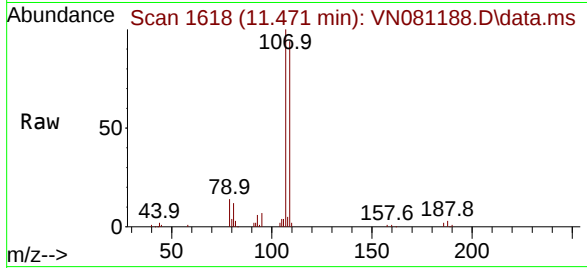
Tgt Ion:129 Resp: 81901
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.2





#61
1,2-Dibromoethane
Concen: 20.340 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

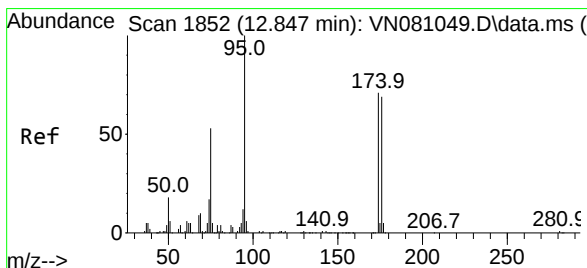
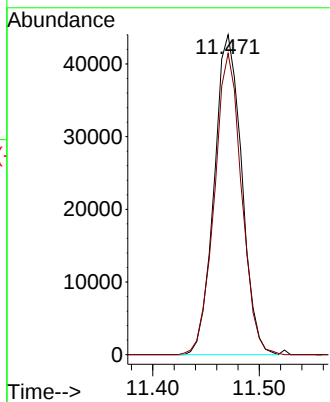
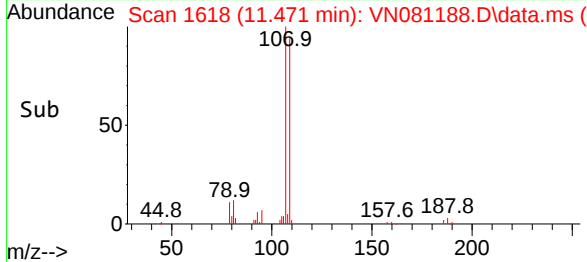
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



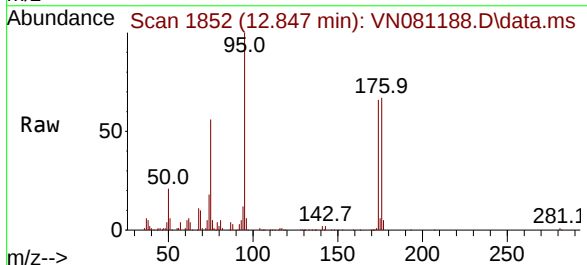
Tgt Ion:107 Resp: 7875
Ion Ratio Lower Upper
107 100
109 93.4 73.4 110.2

Manual Integrations
APPROVED

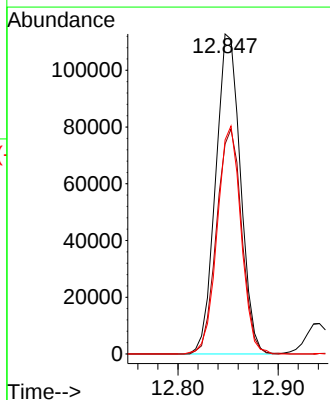
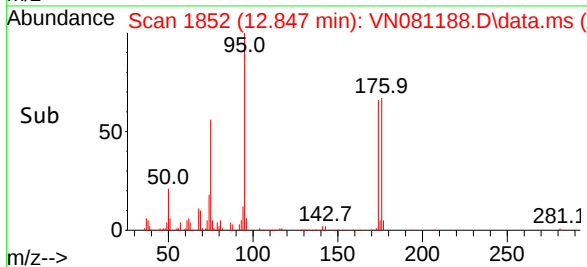
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

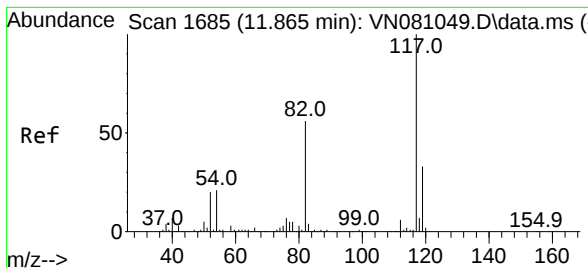


#62
4-Bromofluorobenzene
Concen: 47.584 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29



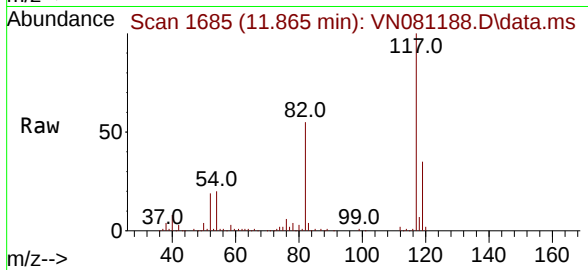
Tgt Ion: 95 Resp: 193652
Ion Ratio Lower Upper
95 100
174 71.2 0.0 120.4
176 68.3 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

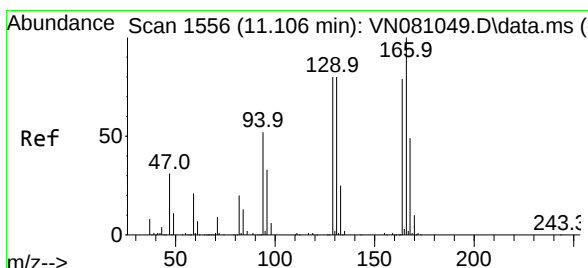
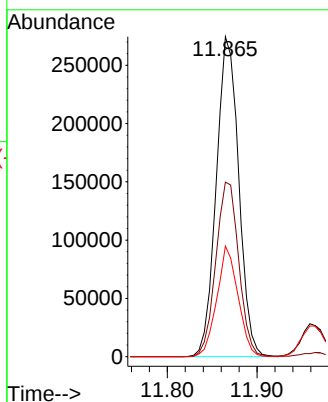
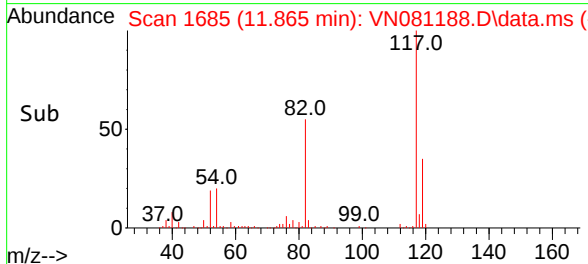
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion:117 Resp: 47749
Ion Ratio Lower Upper
117 100
82 54.6 52.7 79.1
119 34.6 25.3 37.9

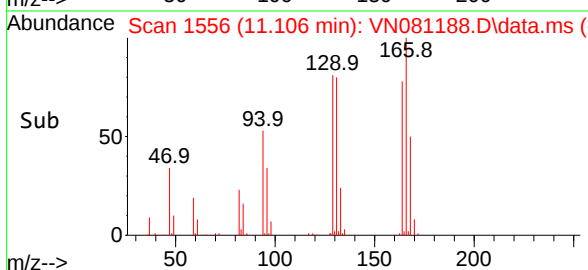
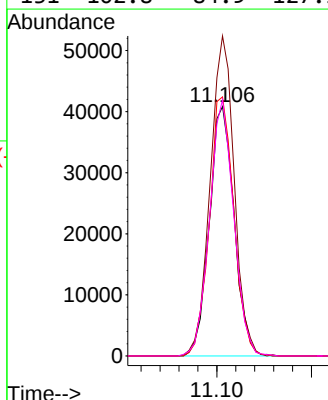
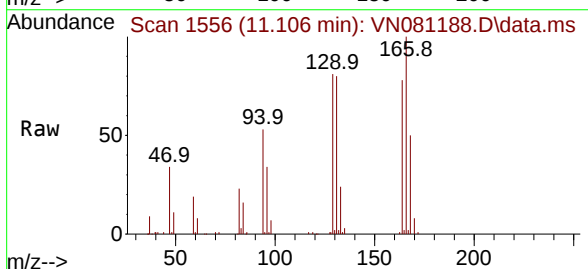
Manual Integrations
APPROVED

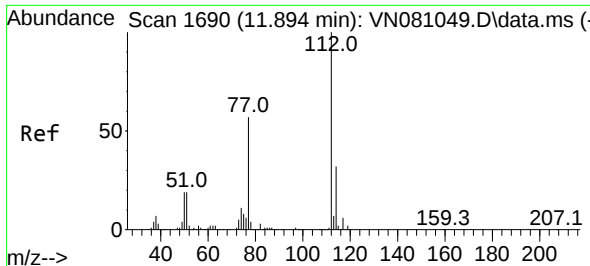
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#64
Tetrachloroethene
Concen: 22.716 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

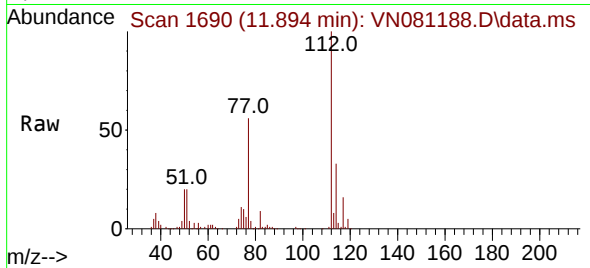
Tgt Ion:164 Resp: 74028
Ion Ratio Lower Upper
164 100
166 128.3 105.8 158.6
129 103.9 89.6 134.4
131 102.8 84.9 127.3





#65
Chlorobenzene
Concen: 19.812 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

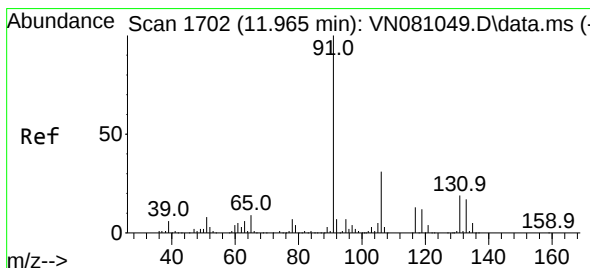
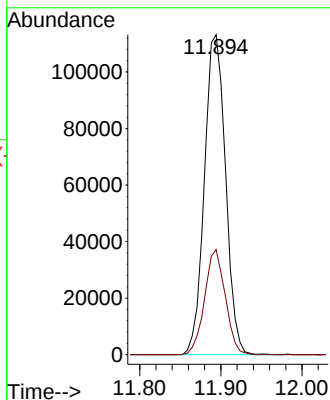
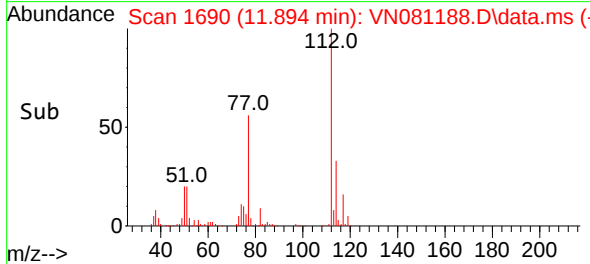
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



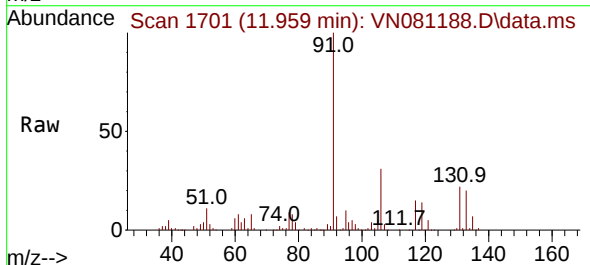
Tgt Ion:112 Resp: 204749
Ion Ratio Lower Upper
112 100
114 32.8 23.7 35.5

Manual Integrations
APPROVED

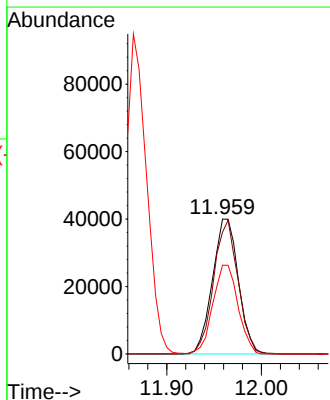
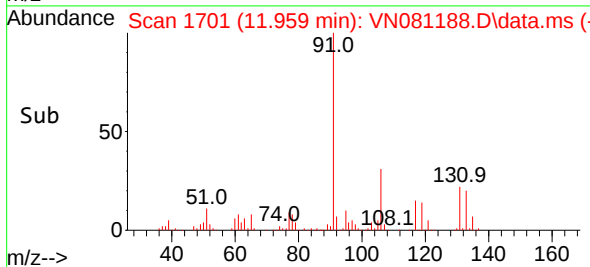
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

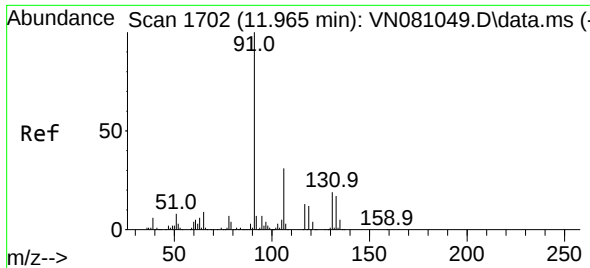


#66
1,1,1,2-Tetrachloroethane
Concen: 20.459 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29



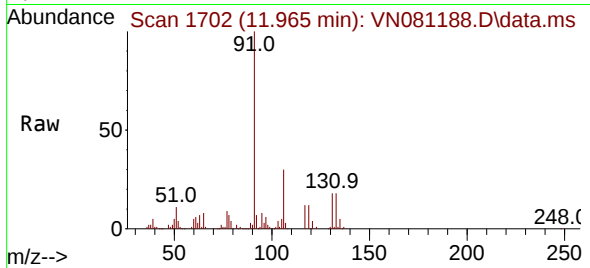
Tgt Ion:131 Resp: 75942
Ion Ratio Lower Upper
131 100
133 93.4 46.8 140.3
119 64.0 34.6 103.9





#67
Ethyl Benzene
Concen: 20.124 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

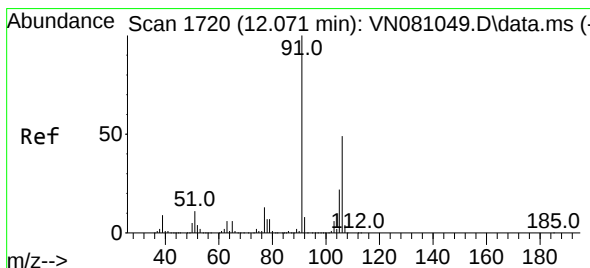
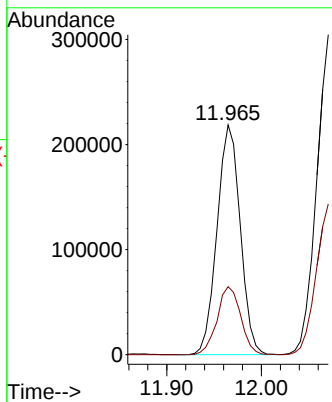
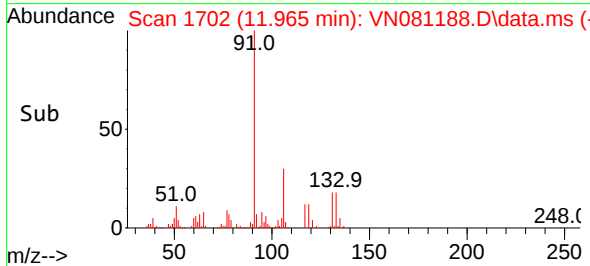
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



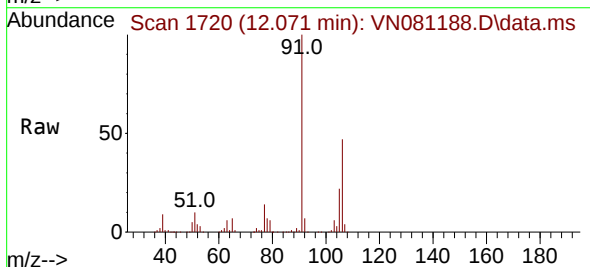
Tgt Ion: 91 Resp: 372140
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.6

Manual Integrations
APPROVED

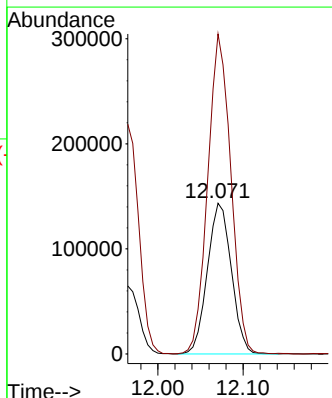
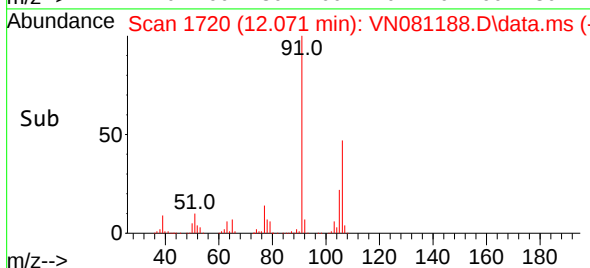
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

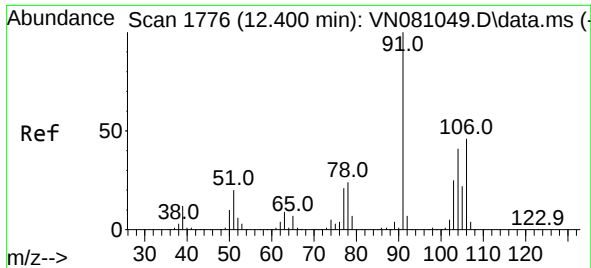


#68
m/p-Xylenes
Concen: 39.550 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29



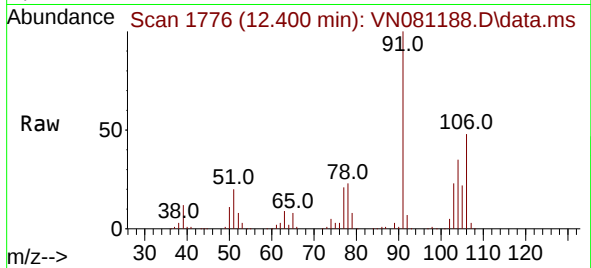
Tgt Ion:106 Resp: 280338
Ion Ratio Lower Upper
106 100
91 204.4 169.0 253.6





#69
o-Xylene
Concen: 19.787 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

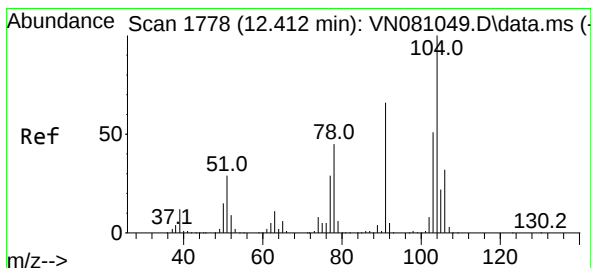
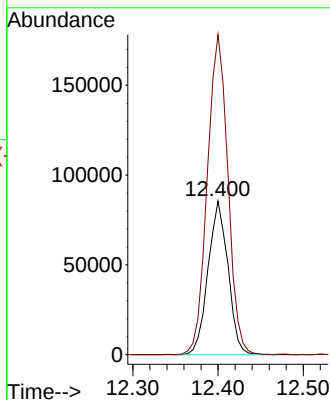
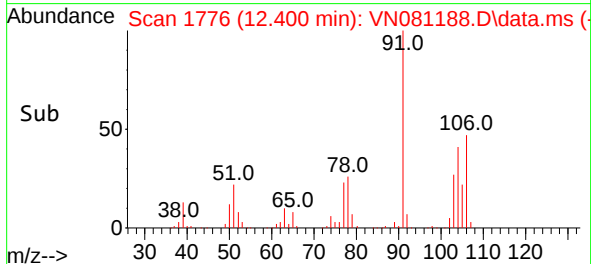
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion:106 Resp: 139029
Ion Ratio Lower Upper
106 100
91 215.3 112.1 336.3

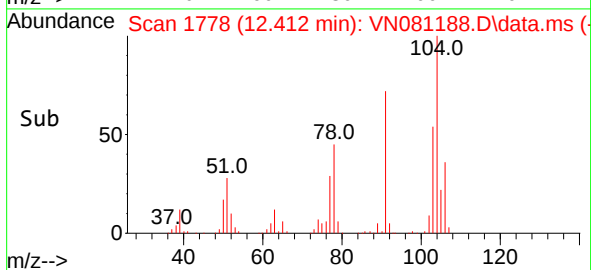
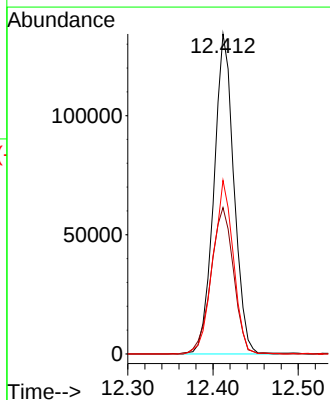
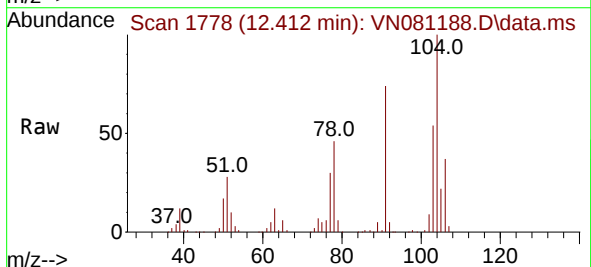
Manual Integrations
APPROVED

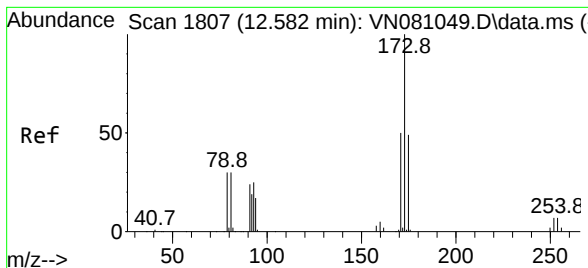
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#70
Styrene
Concen: 19.738 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Tgt Ion:104 Resp: 219763
Ion Ratio Lower Upper
104 100
78 51.5 43.8 65.8
103 55.4 44.2 66.2





#71

Bromoform

Concen: 21.121 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

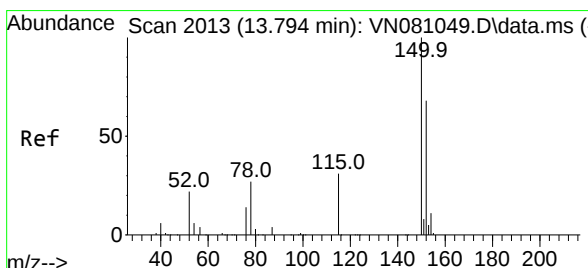
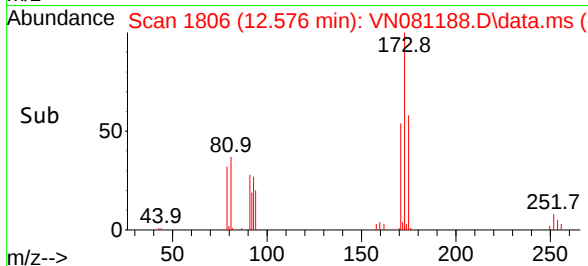
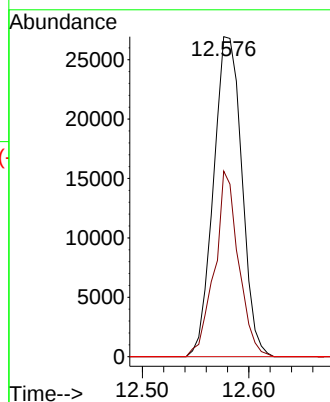
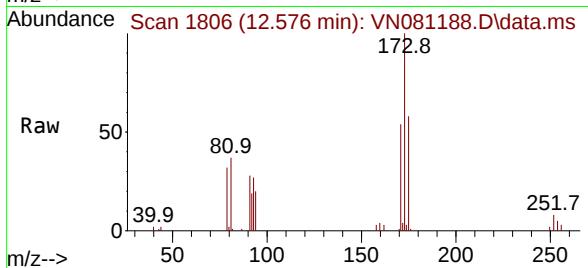
Tgt Ion:	173	Resp:	49738
Ion Ratio	Lower	Upper	
173	100		
175	49.1	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

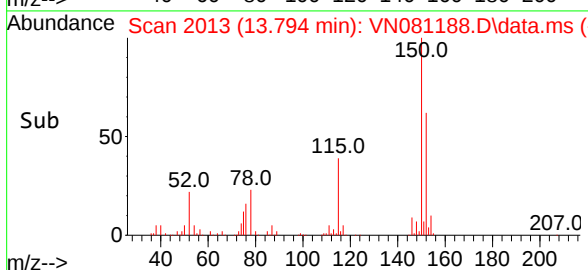
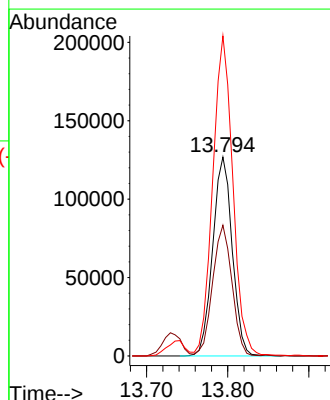
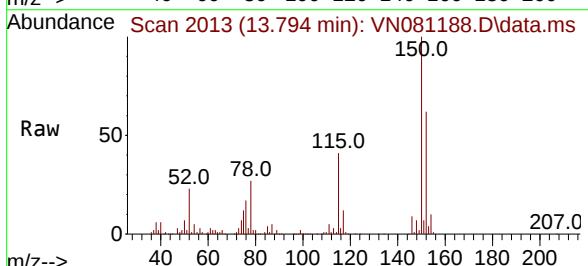
RT: 13.794 min Scan# 2013

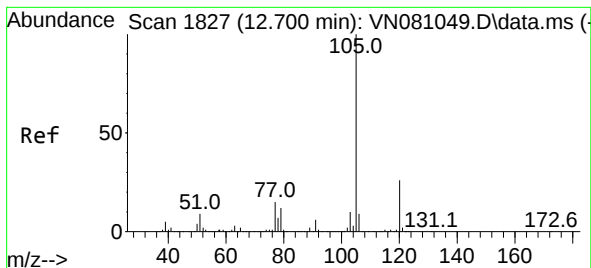
Delta R.T. -0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Tgt Ion:	152	Resp:	211889
Ion Ratio	Lower	Upper	
152	100		
115	64.6	32.3	96.8
150	165.1	0.0	339.8





#73

Isopropylbenzene

Concen: 19.149 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion:105 Resp: 35499

Ion Ratio Lower Upper

105 100

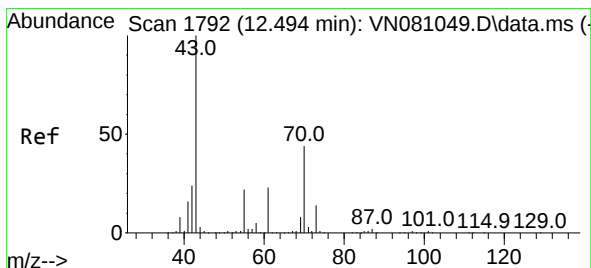
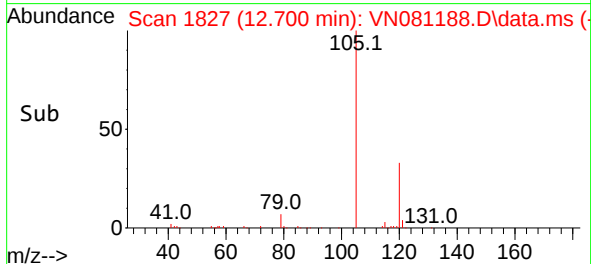
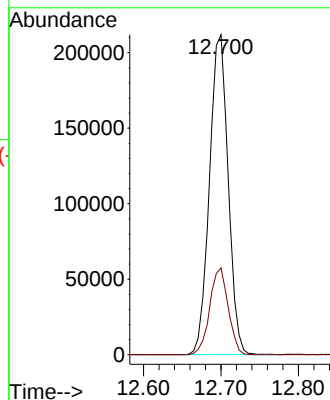
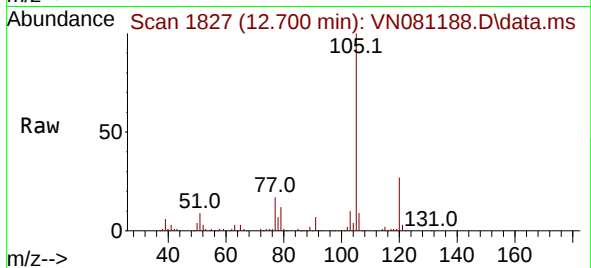
120 26.7 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#74

N-ethyl acetate

Concen: 18.026 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Tgt Ion: 43 Resp: 141234

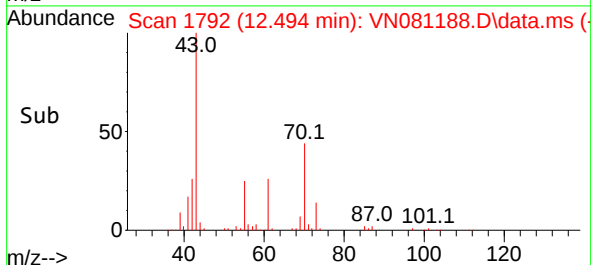
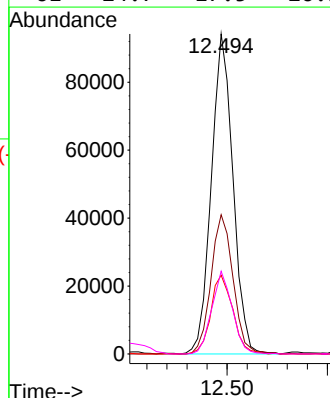
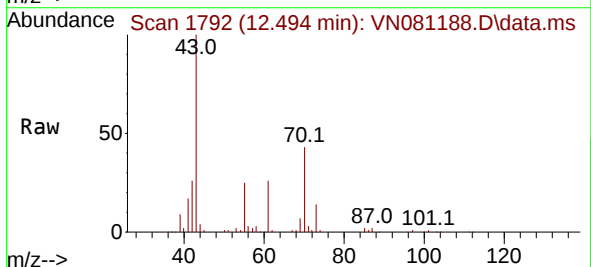
Ion Ratio Lower Upper

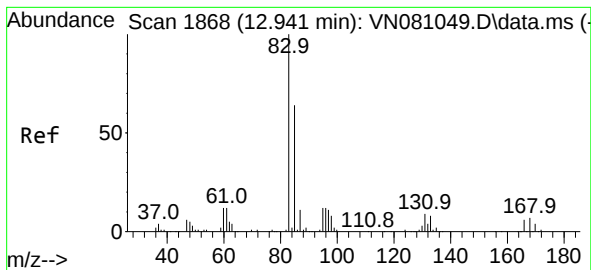
43 100

70 44.4 30.1 45.1

55 25.1 17.0 25.4

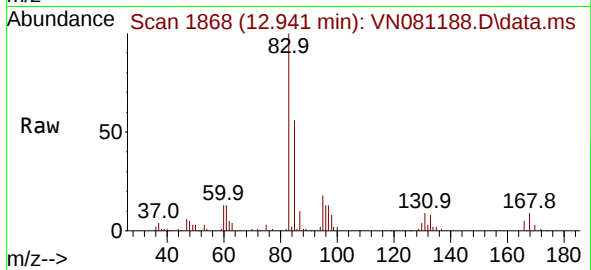
61 24.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.769 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

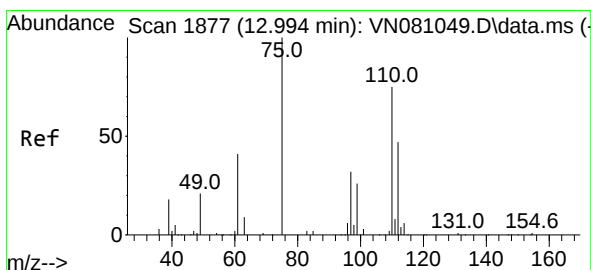
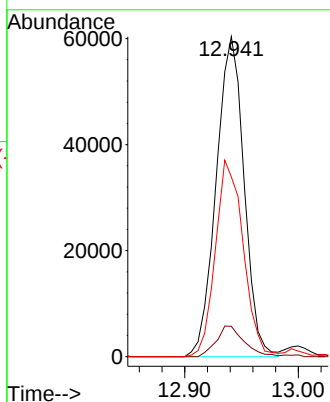
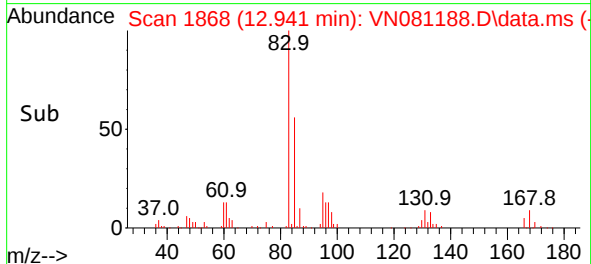
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 83 Resp: 10305
Ion Ratio Lower Upper
83 100
131 9.6 4.1 12.3
85 61.2 32.1 96.3

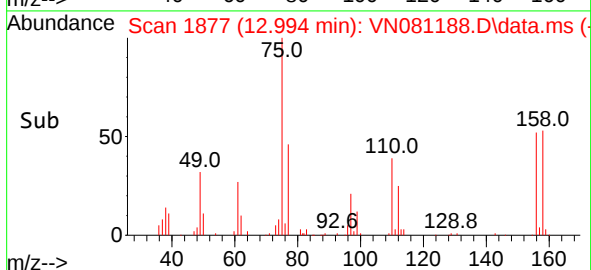
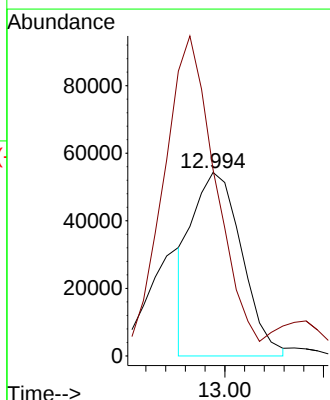
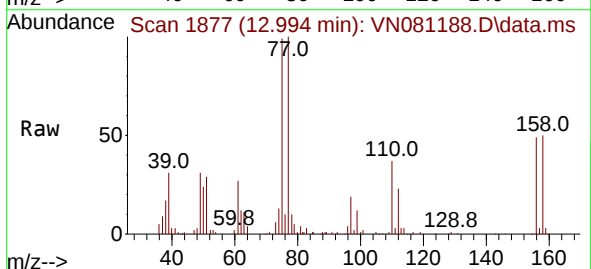
Manual Integrations
APPROVED

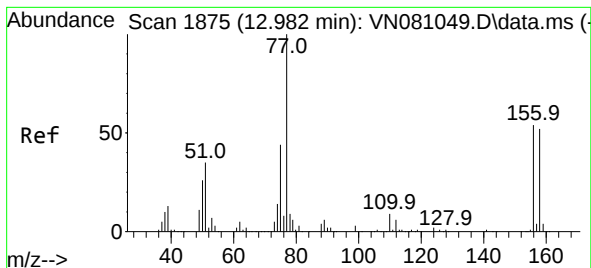
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#76
1,2,3-Trichloropropane
Concen: 19.768 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Tgt Ion: 75 Resp: 95170
Ion Ratio Lower Upper
75 100
77 186.8 91.0 272.8





#77

Bromobenzene

Concen: 19.235 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

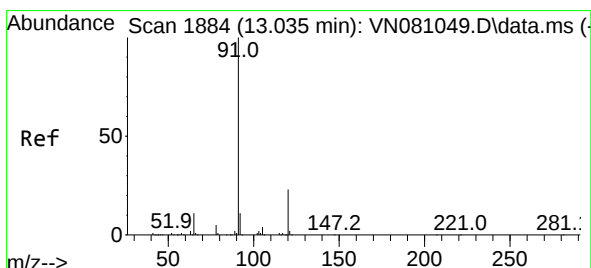
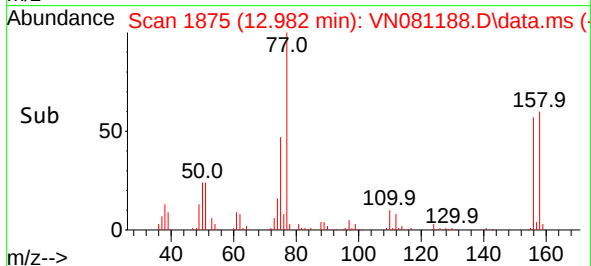
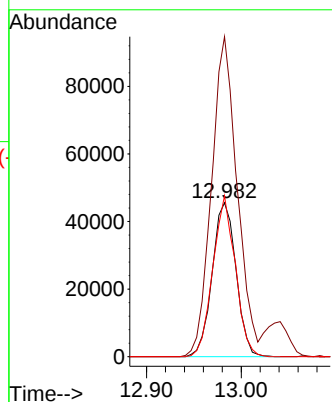
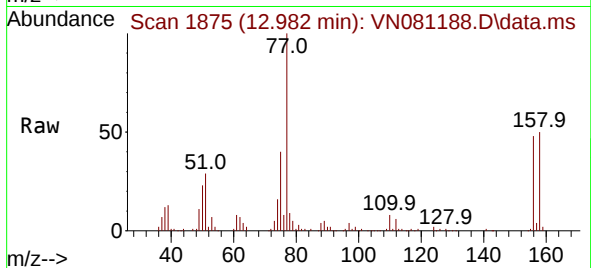
Tgt Ion:	156	Resp:	79512
Ion Ratio	Lower	Upper	
156	100		
77	223.6	138.1	414.3
158	98.6	46.5	139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#78

n-propylbenzene

Concen: 19.689 ug/l

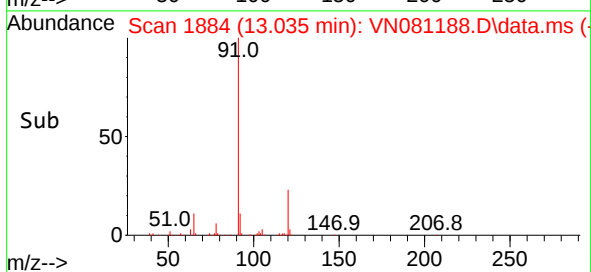
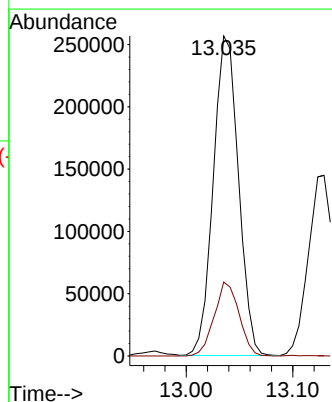
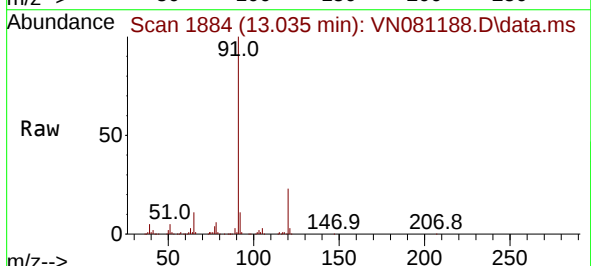
RT: 13.035 min Scan# 1884

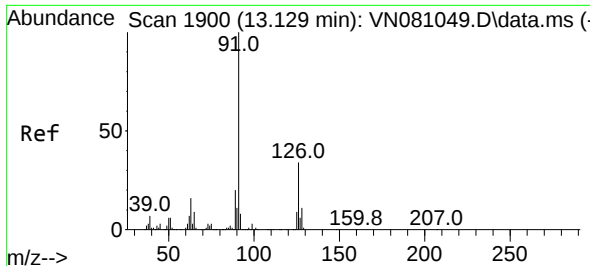
Delta R.T. -0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Tgt Ion:	91	Resp:	420191
Ion Ratio	Lower	Upper	
91	100		
120	22.8	10.3	30.9





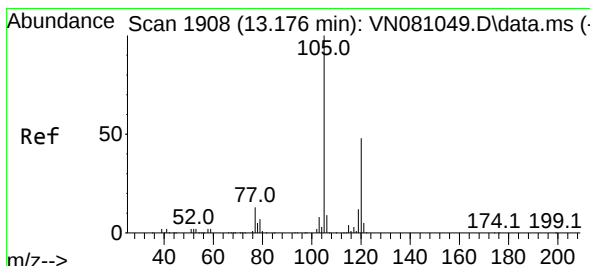
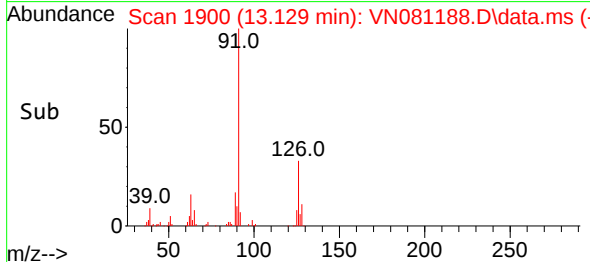
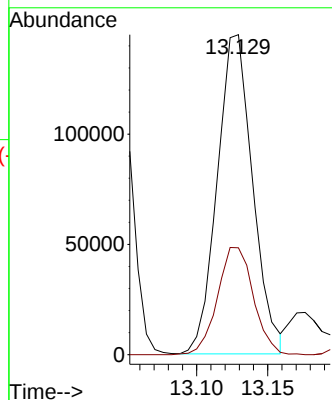
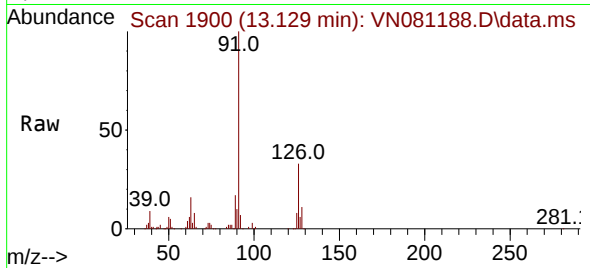
#79
2-Chlorotoluene
Concen: 19.212 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion: 91 Resp: 25149
Ion Ratio Lower Upper
91 100
126 34.1 14.8 44.4

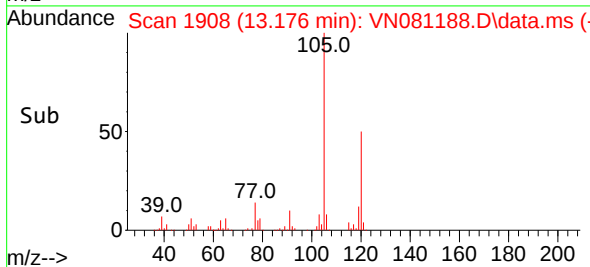
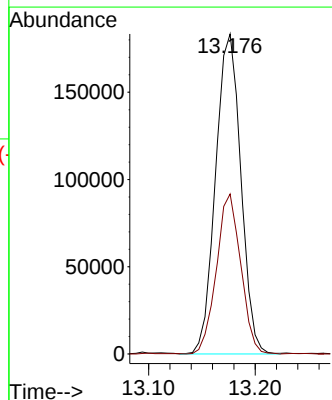
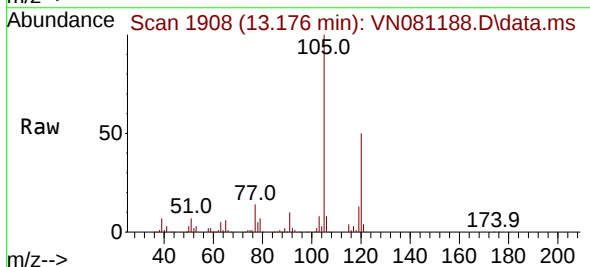
Manual Integrations
APPROVED

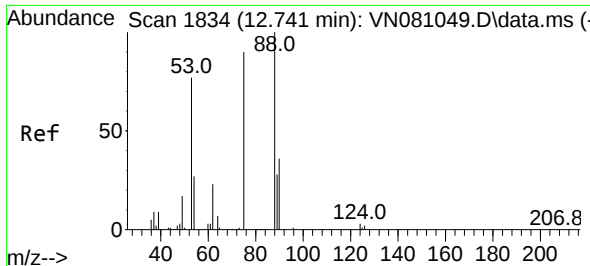
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.069 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

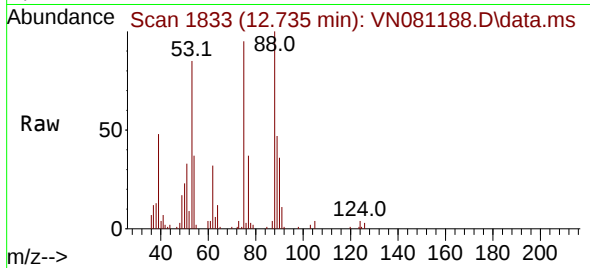
Tgt Ion:105 Resp: 301664
Ion Ratio Lower Upper
105 100
120 48.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.553 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

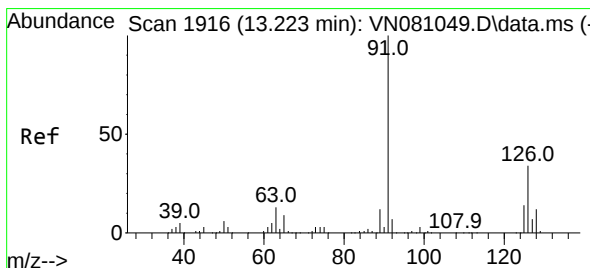
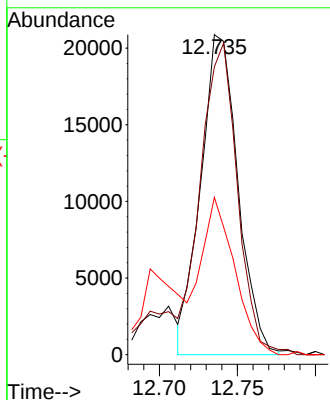
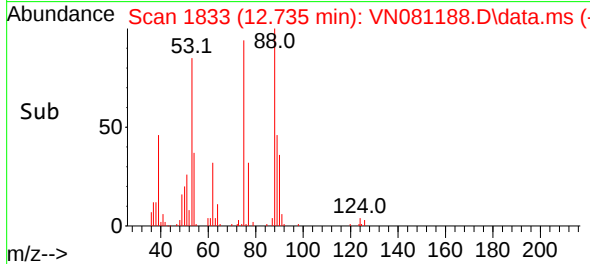
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 75 Resp: 3470
Ion Ratio Lower Upper
75 100
53 111.1 71.4 107.2
89 44.3 33.4 50.0

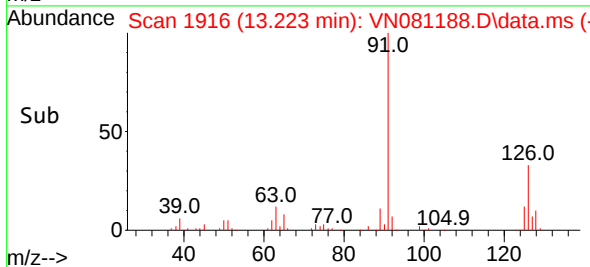
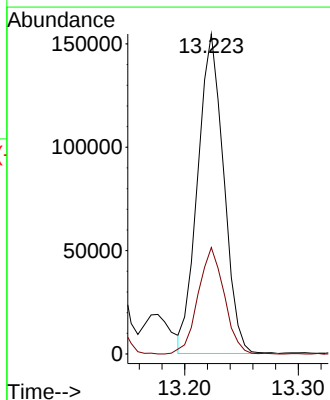
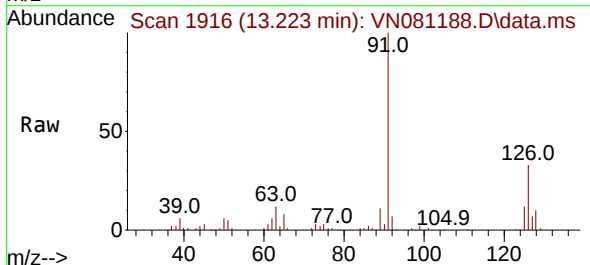
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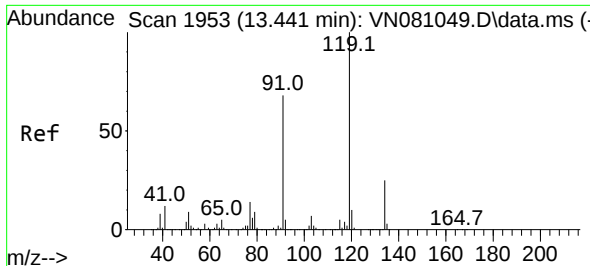
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#82
4-Chlorotoluene
Concen: 19.198 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

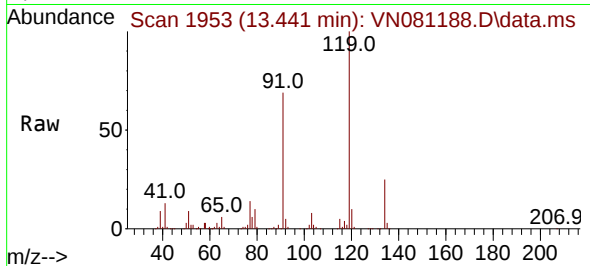
Tgt Ion: 91 Resp: 245726
Ion Ratio Lower Upper
91 100
126 33.5 15.3 45.9





#83
tert-Butylbenzene
Concen: 19.393 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

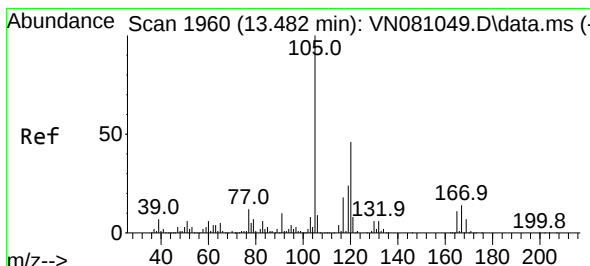
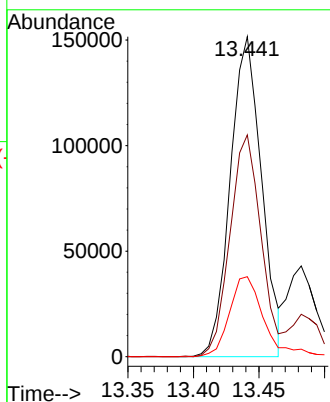
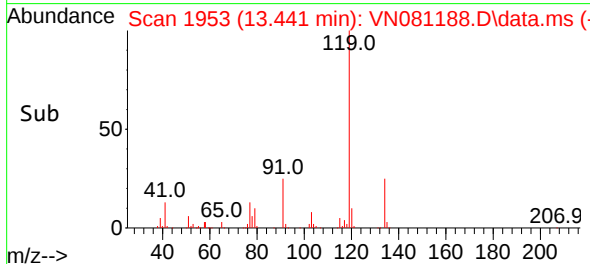
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



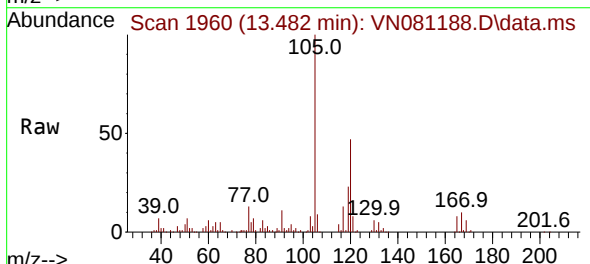
Tgt Ion:119 Resp: 25205
Ion Ratio Lower Upper
119 100
91 69.9 36.8 110.4
134 27.6 12.4 37.4

Manual Integrations
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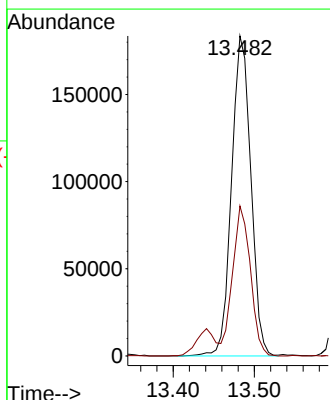
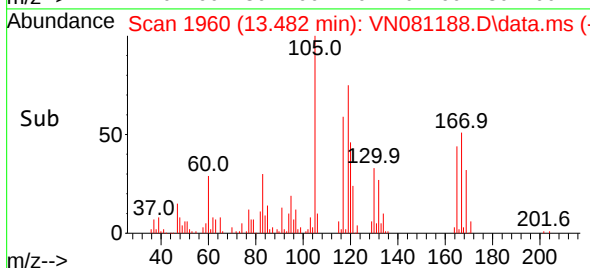
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

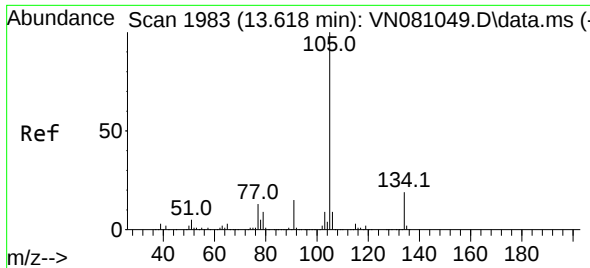


#84
1,2,4-Trimethylbenzene
Concen: 20.200 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29



Tgt Ion:105 Resp: 302558
Ion Ratio Lower Upper
105 100
120 43.3 20.9 62.7





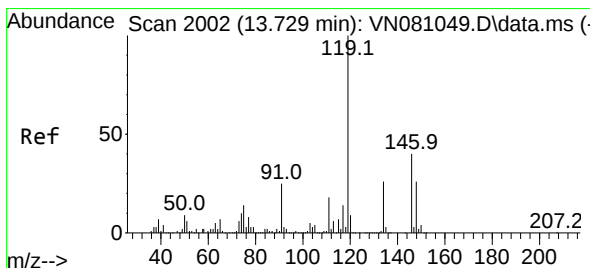
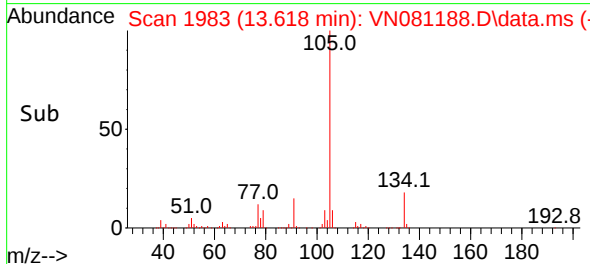
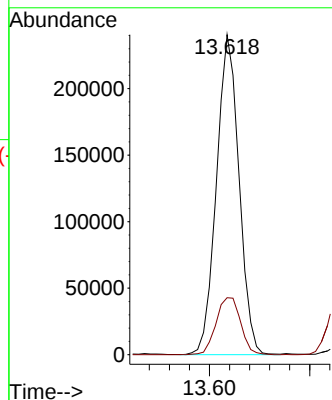
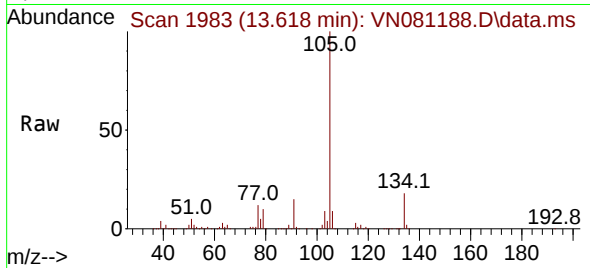
#85
 sec-Butylbenzene
 Concen: 20.745 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081188.D
 Acq: 26 Feb 2024 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01

Tgt Ion:105 Resp: 374832
 Ion Ratio Lower Upper
 105 100
 134 19.4 8.6 25.8

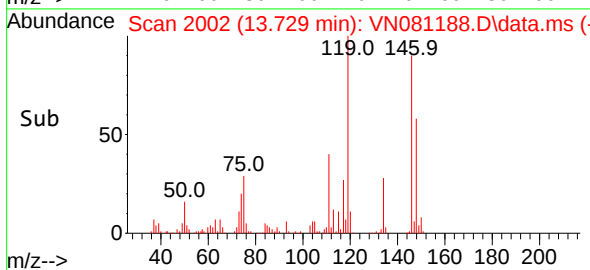
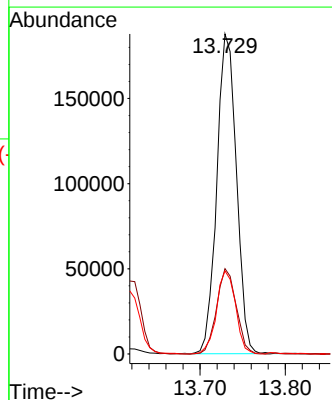
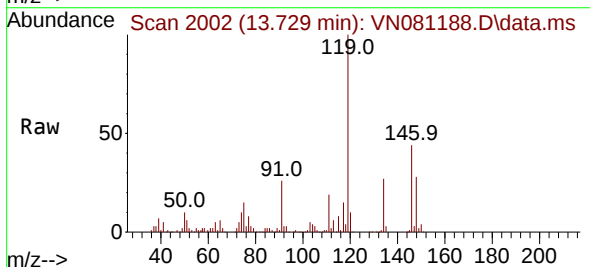
Manual Integrations
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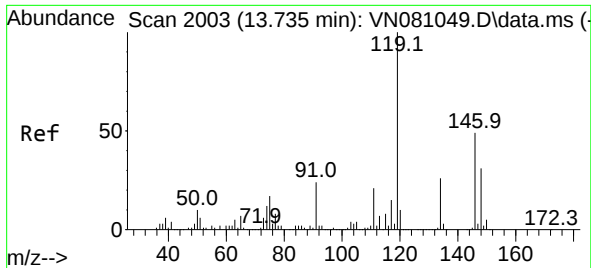
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024



#86
 p-Isopropyltoluene
 Concen: 20.001 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081188.D
 Acq: 26 Feb 2024 12:29

Tgt Ion:119 Resp: 300174
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.4 37.2
 91 25.3 13.5 40.4





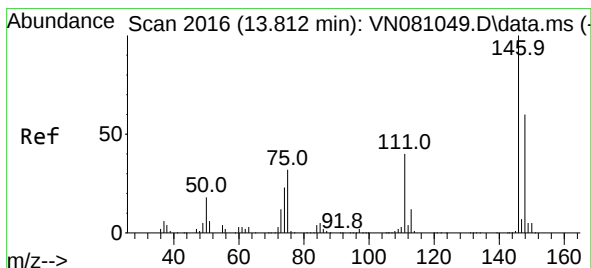
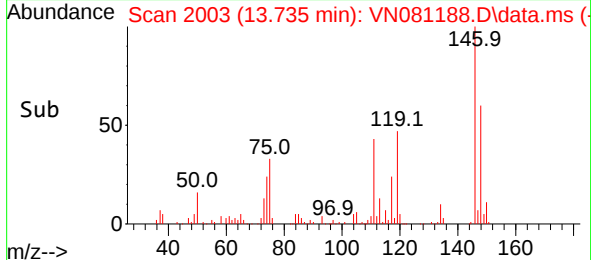
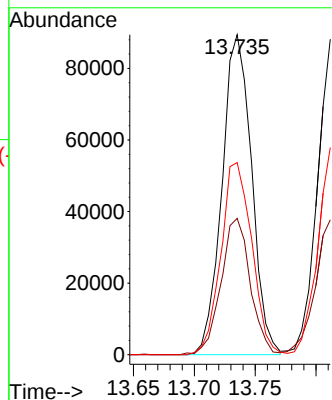
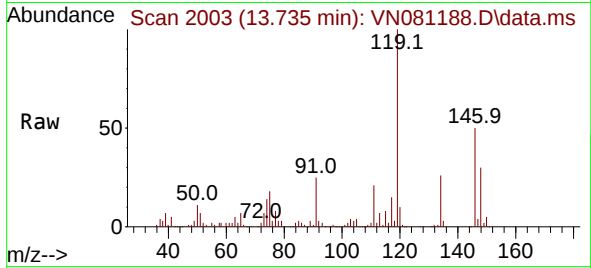
#87
1,3-Dichlorobenzene
Concen: 19.361 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion:146 Resp: 151210
Ion Ratio Lower Upper
146 100
111 42.3 23.9 71.7
148 62.6 32.6 97.7

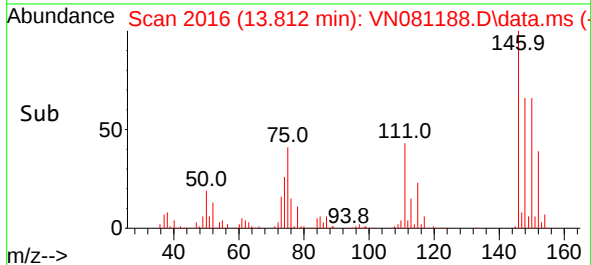
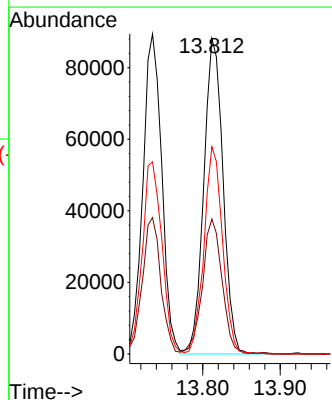
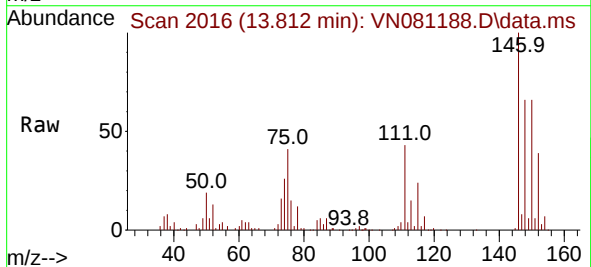
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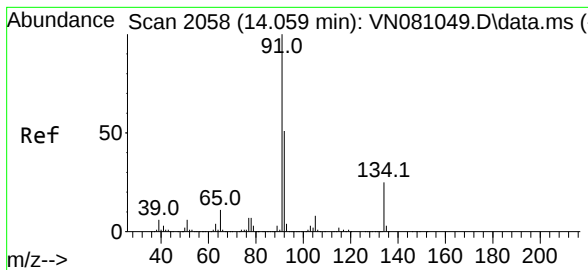
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#88
1,4-Dichlorobenzene
Concen: 19.813 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Tgt Ion:146 Resp: 152053
Ion Ratio Lower Upper
146 100
111 43.2 22.6 67.7
148 63.3 31.9 95.5





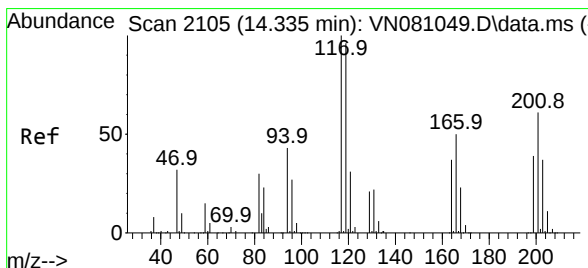
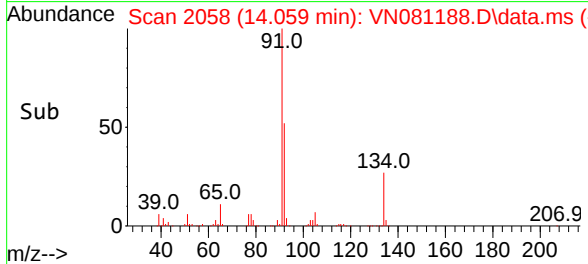
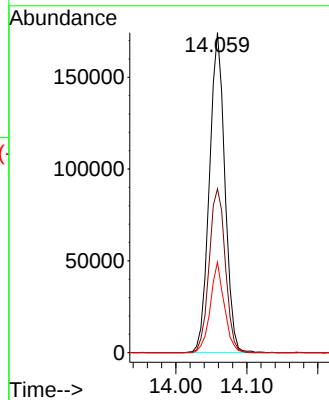
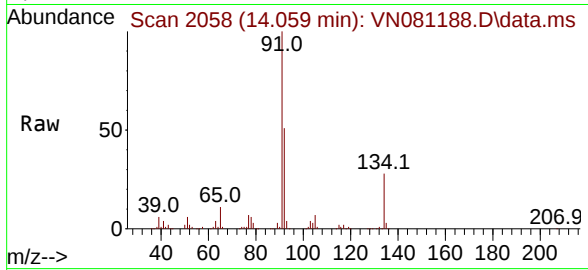
#89
n-Butylbenzene
Concen: 20.156 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion: 91 Resp: 263539
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.1
134 25.7 10.8 32.4

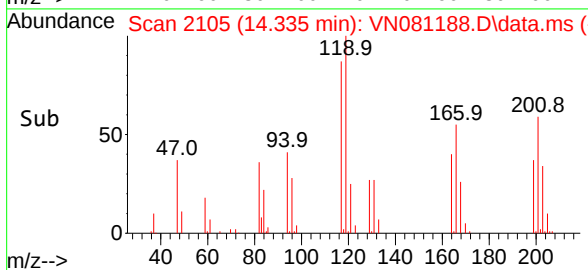
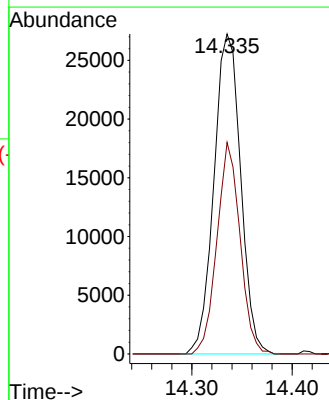
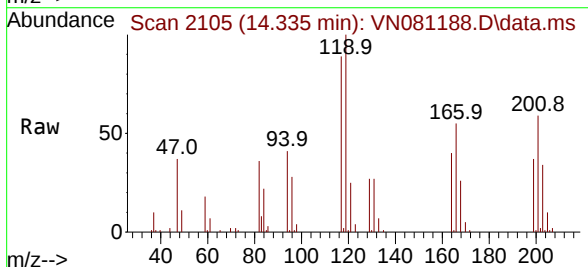
Manual Integrations
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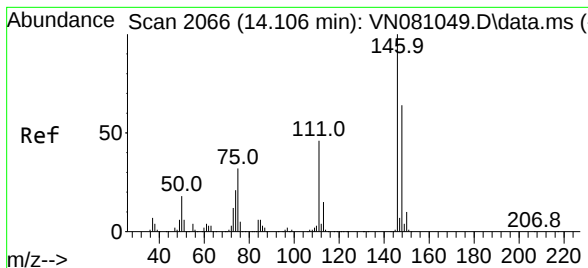
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#90
Hexachloroethane
Concen: 20.311 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081188.D
Acq: 26 Feb 2024 12:29

Tgt Ion:117 Resp: 50386
Ion Ratio Lower Upper
117 100
201 57.1 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 19.241 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion:146 Resp: 144938

Ion Ratio Lower Upper

146 100

111 46.6 23.9 71.8

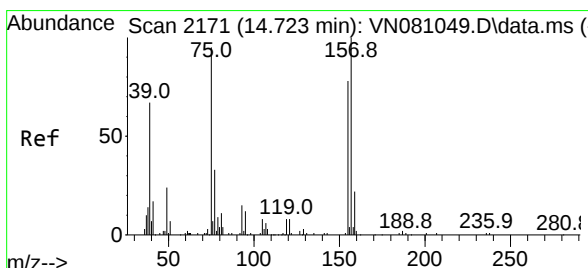
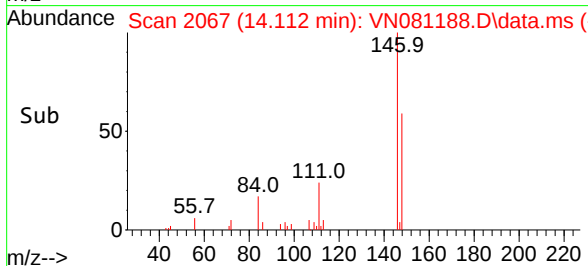
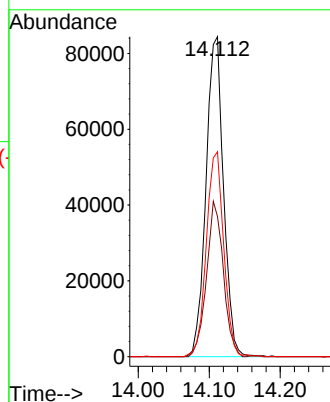
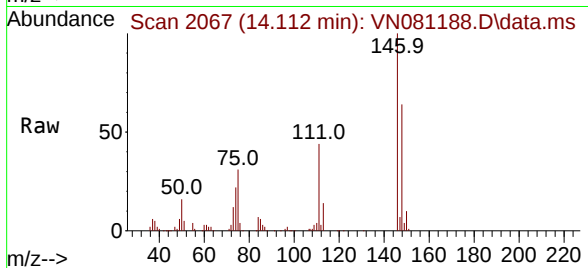
148 63.6 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.600 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

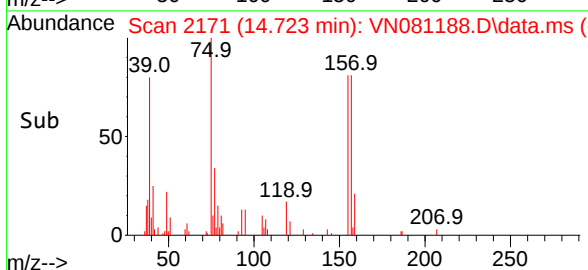
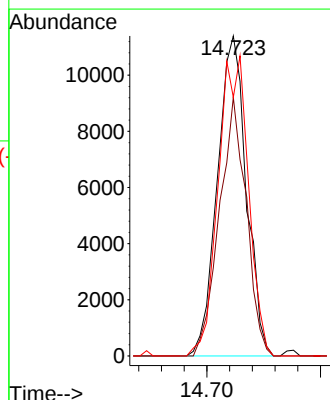
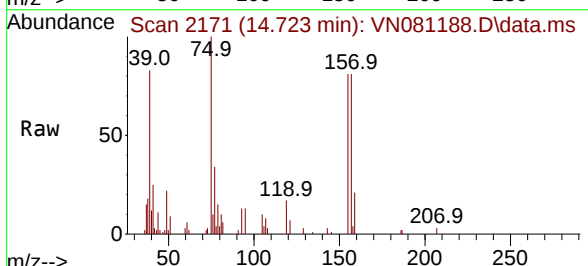
Tgt Ion: 75 Resp: 20159

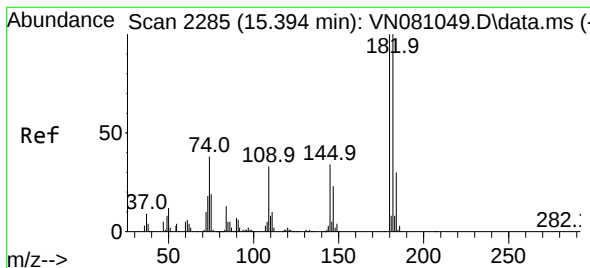
Ion Ratio Lower Upper

75 100

155 75.4 31.8 95.4

157 97.7 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.506 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

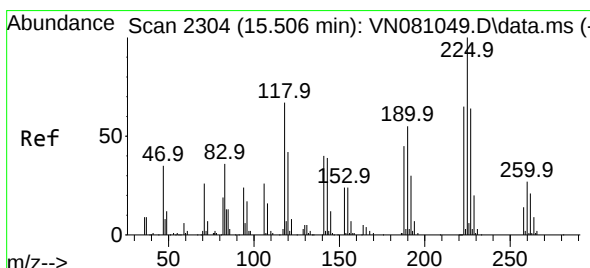
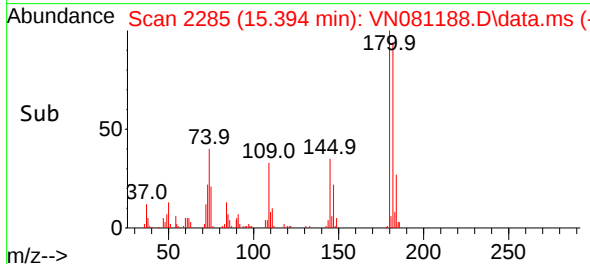
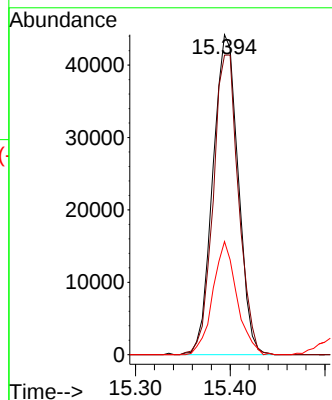
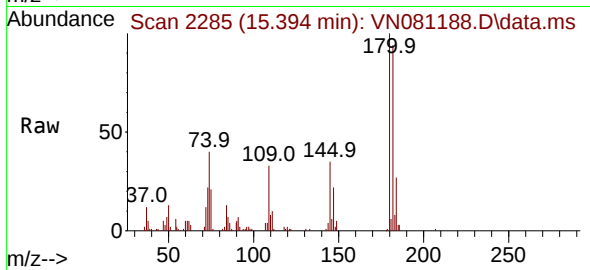
Tgt Ion:	180	Resp:	81970
Ion Ratio	Lower	Upper	
180	100		
182	93.8	46.6	139.7
145	33.7	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#94

Hexachlorobutadiene

Concen: 20.697 ug/l

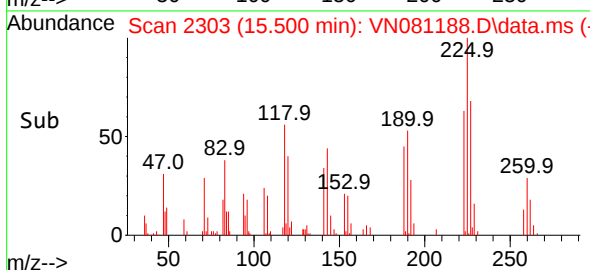
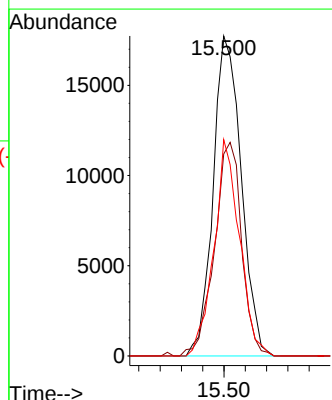
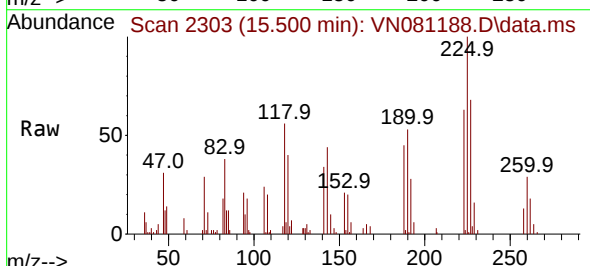
RT: 15.500 min Scan# 2303

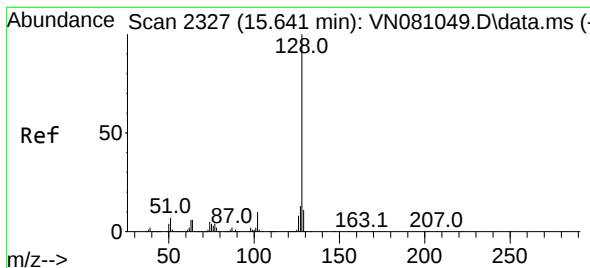
Delta R.T. -0.006 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Tgt Ion:	225	Resp:	32439
Ion Ratio	Lower	Upper	
225	100		
223	64.4	33.3	99.8
227	61.4	33.1	99.2





#95

Naphthalene

Concen: 18.129 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion:128 Resp: 27920

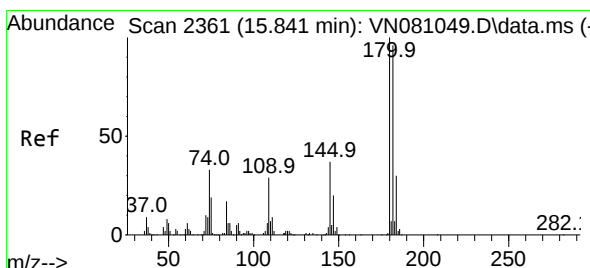
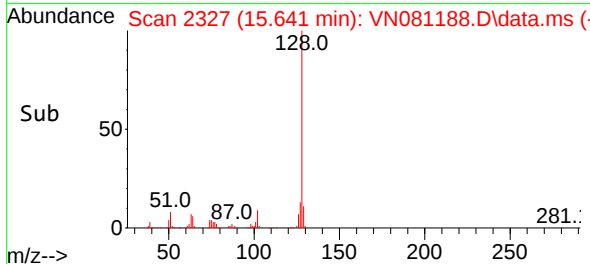
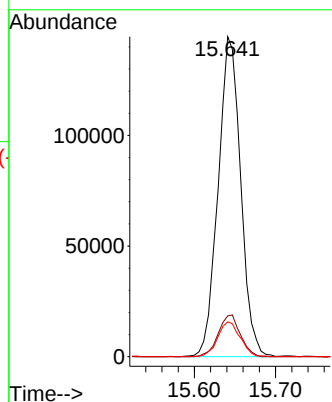
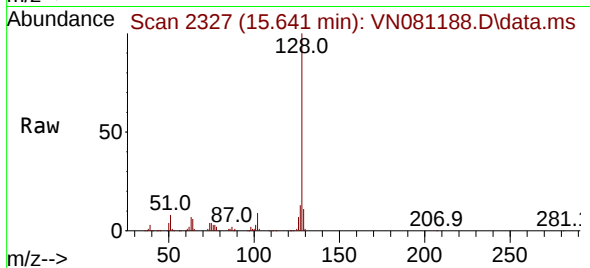
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.236 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081188.D

Acq: 26 Feb 2024 12:29

Tgt Ion:180 Resp: 80195

Ion	Ratio	Lower	Upper
180	100		
182	92.6	46.5	139.3
145	37.2	17.8	53.4

