

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
 Data File : VN081090.D
 Acq On : 20 Feb 2024 11:46
 Operator : JC\MD
 Sample : VN0220WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2024
 Supervised By : Mahesh Dadoda 02/21/2024

Quant Time: Feb 21 00:18:19 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	384201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	703506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	602198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	271820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	213207	45.274	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.540%		
35) Dibromofluoromethane	8.165	113	184395	46.352	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.700%		
50) Toluene-d8	10.565	98	627509	44.412	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.820%		
62) 4-Bromofluorobenzene	12.847	95	232409	43.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	102523	20.634	ug/l	94
3) Chloromethane	2.359	50	98408	17.383	ug/l	98
4) Vinyl Chloride	2.518	62	106040	19.214	ug/l	100
5) Bromomethane	2.965	94	72854	18.585	ug/l	81
6) Chloroethane	3.124	64	66870	18.179	ug/l	94
7) Trichlorofluoromethane	3.506	101	155464	19.282	ug/l	99
8) Diethyl Ether	3.959	74	56972	19.327	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	89968	20.016	ug/l	93
10) Methyl Iodide	4.589	142	100924	20.116	ug/l	97
11) Tert butyl alcohol	5.524	59	70216	81.076	ug/l	100
12) 1,1-Dichloroethene	4.348	96	85023	19.569	ug/l	93
13) Acrolein	4.183	56	84628	182.316	ug/l	99
14) Allyl chloride	5.024	41	122942	19.071	ug/l #	89
15) Acrylonitrile	5.712	53	206750	91.408	ug/l	99
16) Acetone	4.424	43	141919	76.590	ug/l	96
17) Carbon Disulfide	4.718	76	214337	17.686	ug/l	96
18) Methyl Acetate	5.018	43	91674	20.281	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	292582	19.662	ug/l	94
20) Methylene Chloride	5.277	84	93888	19.010	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	90802	18.732	ug/l	94
22) Diisopropyl ether	6.671	45	295209	20.187	ug/l #	95
23) Vinyl Acetate	6.600	43	1151612	97.060	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	169327	20.025	ug/l	95
25) 2-Butanone	7.483	43	251650	84.064	ug/l	96
26) 2,2-Dichloropropane	7.494	77	157427	19.870	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	107490	19.085	ug/l	89
28) Bromochloromethane	7.812	49	63130	18.009	ug/l #	69
29) Tetrahydrofuran	7.836	42	175123	87.635	ug/l #	87
30) Chloroform	7.965	83	177332	19.727	ug/l	97
31) Cyclohexane	8.259	56	155379	19.109	ug/l #	91
32) 1,1,1-Trichloroethane	8.165	97	160481	19.603	ug/l	90
36) 1,1-Dichloropropene	8.371	75	127480	18.705	ug/l	94
37) Ethyl Acetate	7.559	43	113340	18.426	ug/l	99
38) Carbon Tetrachloride	8.359	117	142774	20.706	ug/l	97
39) Methylcyclohexane	9.606	83	160412	20.191	ug/l #	86
40) Benzene	8.606	78	389550	19.747	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	64653	18.469	ug/l	97
42) 1,2-Dichloroethane	8.671	62	132705	19.282	ug/l	98
43) Isopropyl Acetate	8.688	43	219046	20.362	ug/l	98
44) Trichloroethene	9.353	130	99503	18.938	ug/l	91
45) 1,2-Dichloropropane	9.624	63	97808	19.821	ug/l	98
46) Dibromomethane	9.712	93	69367	19.293	ug/l	91
47) Bromodichloromethane	9.888	83	135303	19.870	ug/l #	93
48) Methyl methacrylate	9.682	41	93675	18.714	ug/l	92
49) 1,4-Dioxane	9.700	88	30504	303.344	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	565448	91.374	ug/l	94
52) Toluene	10.629	92	239965	19.215	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	151768	20.056	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	161808	19.791	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	90453	18.831	ug/l	98
56) Ethyl methacrylate	10.871	69	138643	18.886	ug/l	87
57) 1,3-Dichloropropane	11.165	76	159154	19.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	329635	89.493	ug/l #	87
59) 2-Hexanone	11.194	43	409851	83.539	ug/l	96
60) Dibromochloromethane	11.359	129	96496	18.910	ug/l	99
61) 1,2-Dibromoethane	11.471	107	96919	19.188	ug/l	99
64) Tetrachloroethene	11.106	164	79624	19.373	ug/l	96
65) Chlorobenzene	11.894	112	249488	19.142	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	95591	20.420	ug/l	95
67) Ethyl Benzene	11.965	91	450407	19.312	ug/l	95
68) m/p-Xylenes	12.071	106	348075	38.937	ug/l	95
69) o-Xylene	12.400	106	174200	19.659	ug/l	92
70) Styrene	12.412	104	272368	19.397	ug/l	97
71) Bromoform	12.582	173	58601	19.731	ug/l #	100
73) Isopropylbenzene	12.694	105	443096	18.631	ug/l	97
74) N-amyl acetate	12.494	43	178601	17.769	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	124998	18.692	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	106016m	17.166	ug/l	
77) Bromobenzene	12.982	156	97810	18.445	ug/l	74
78) n-propylbenzene	13.035	91	510448	18.644	ug/l	95
79) 2-Chlorotoluene	13.123	91	304991	18.162	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	365240	18.941	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.741	75	39889	16.624	ug/l	90
82) 4-Chlorotoluene	13.223	91	300446	18.298	ug/l	94
83) tert-Butylbenzene	13.441	119	313685	18.814	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	366277	19.062	ug/l	93
85) sec-Butylbenzene	13.618	105	444363	19.171	ug/l	94
86) p-Isopropyltoluene	13.729	119	366337	19.027	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	183943	18.359	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	182205	18.507	ug/l	97
89) n-Butylbenzene	14.059	91	319699	19.060	ug/l	97
90) Hexachloroethane	14.335	117	61681	19.382	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	177233	18.340	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25901	18.629	ug/l	80
93) 1,2,4-Trichlorobenzene	15.388	180	102384	18.991	ug/l	99
94) Hexachlorobutadiene	15.506	225	39153	19.473	ug/l	95
95) Naphthalene	15.641	128	365762	18.514	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	100250	18.744	ug/l	99

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

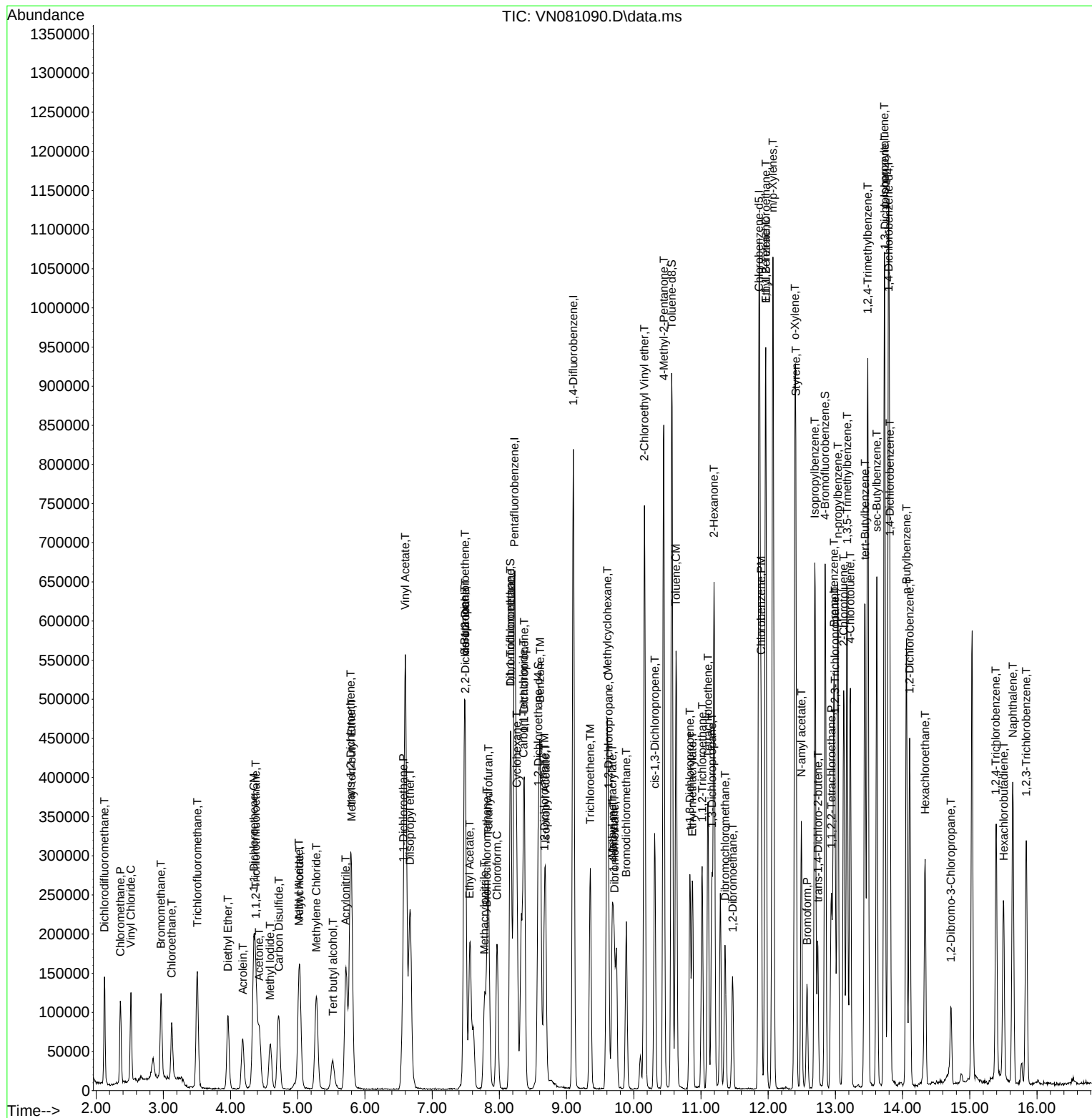
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
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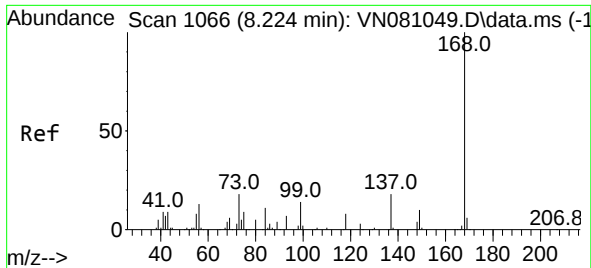
Instrument :
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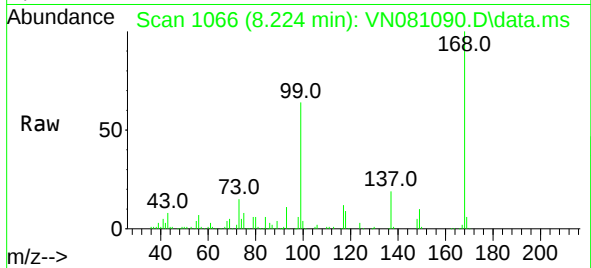
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081090.D
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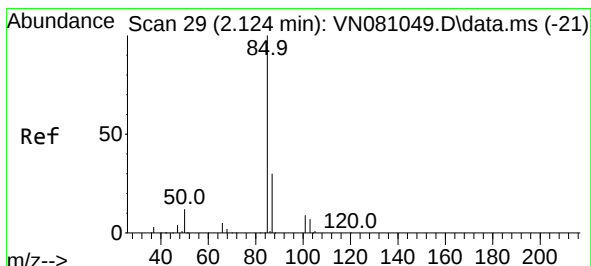
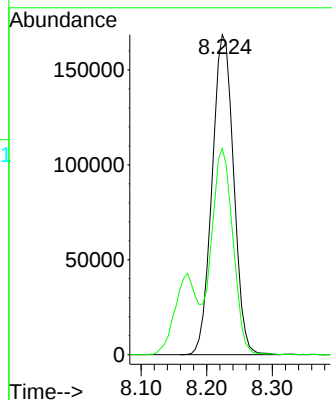
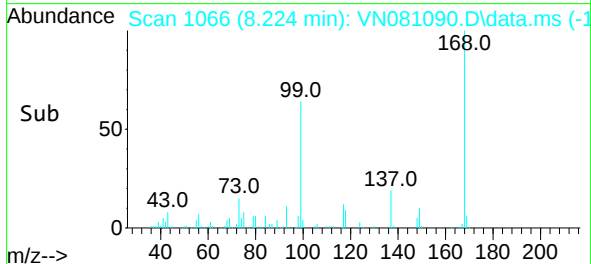
Instrument :
MSVOA_N
ClientSampleId :
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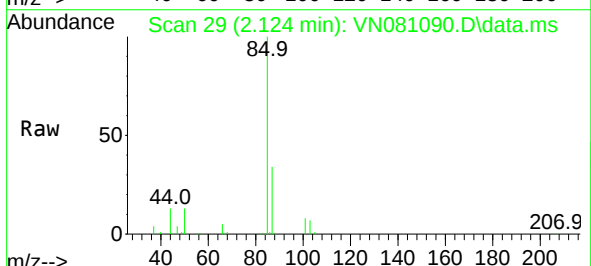
Tgt Ion:168 Resp: 38420
Ion Ratio Lower Upper
168 100
99 64.4 59.9 89.9

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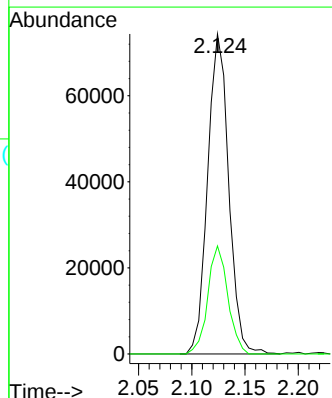
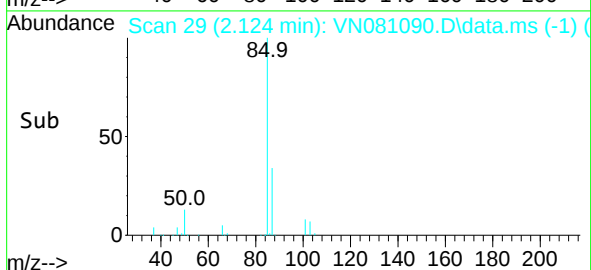
Reviewed By :John Carlone 02/21/2024
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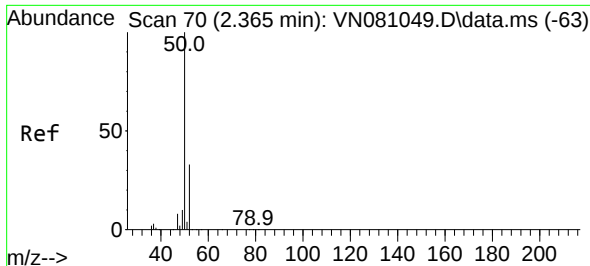


#2
Dichlorodifluoromethane
Concen: 20.634 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



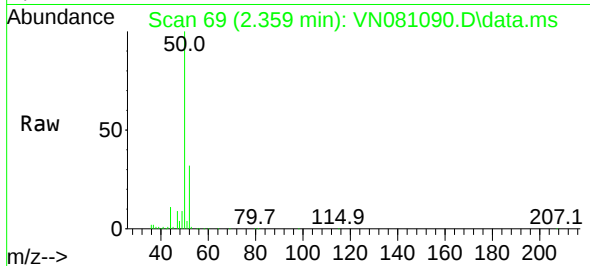
Tgt Ion: 85 Resp: 102523
Ion Ratio Lower Upper
85 100
87 33.8 15.3 45.9





#3
Chloromethane
Concen: 17.383 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

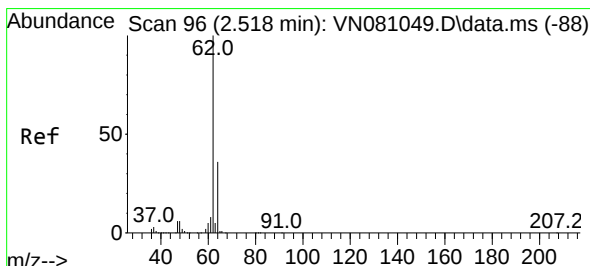
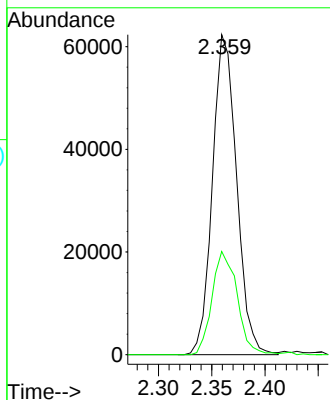
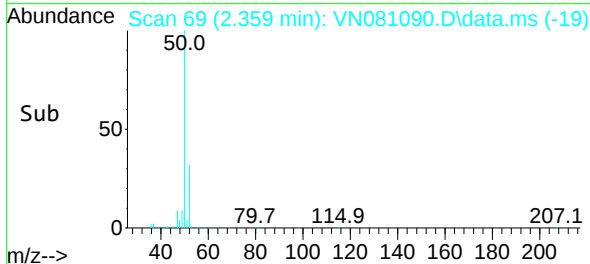
Instrument :
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Tgt Ion: 50 Resp: 98408
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4

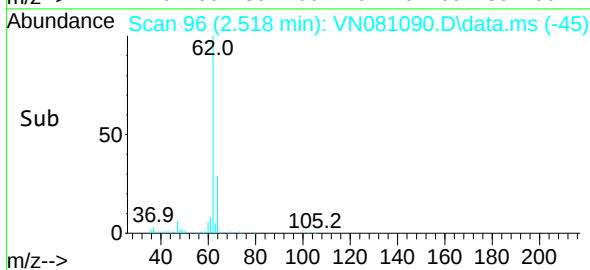
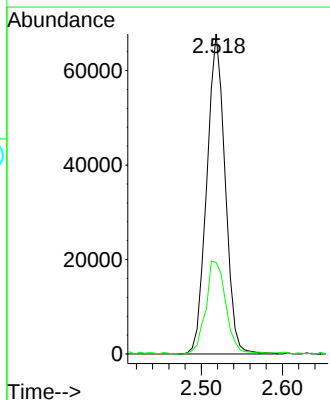
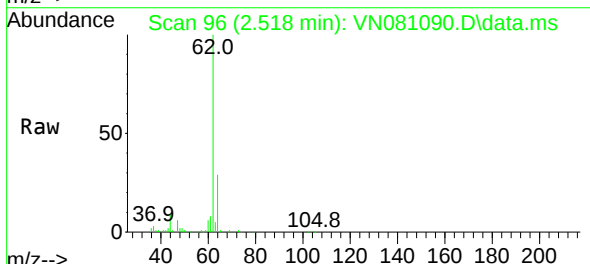
Manual Integrations
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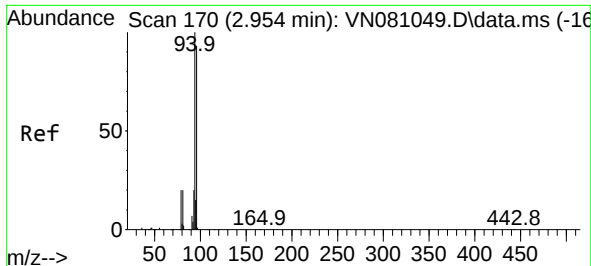
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#4
Vinyl Chloride
Concen: 19.214 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

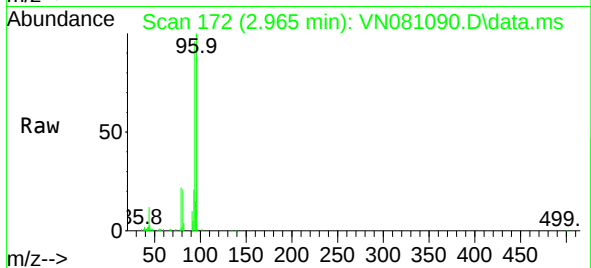
Tgt Ion: 62 Resp: 106040
Ion Ratio Lower Upper
62 100
64 28.6 22.7 34.1





#5
Bromomethane
Concen: 18.585 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

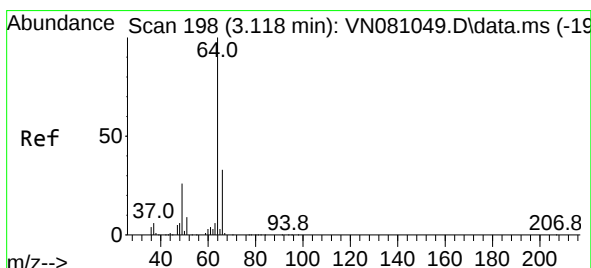
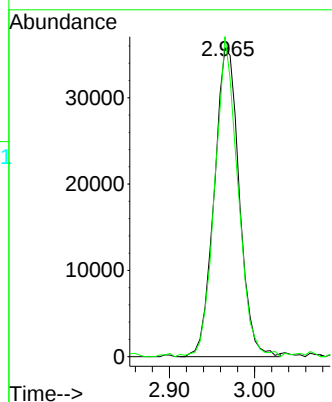
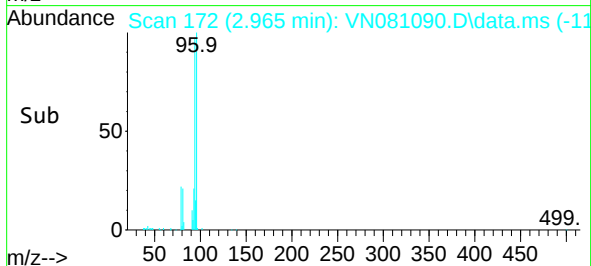
Instrument :
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Tgt Ion: 94 Resp: 72854
Ion Ratio Lower Upper
94 100
96 103.6 69.2 103.8

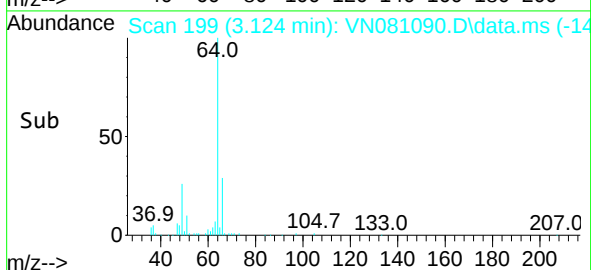
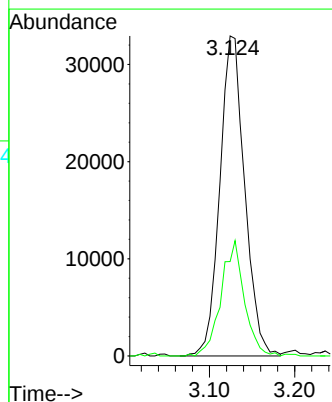
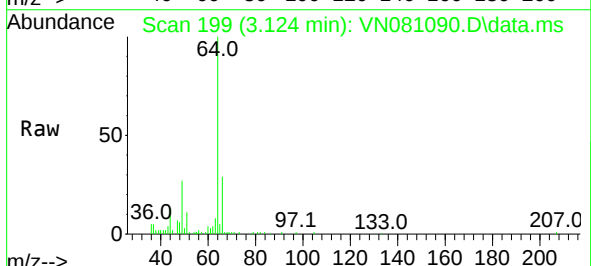
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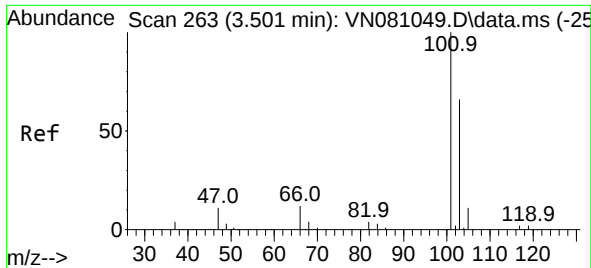
Reviewed By :John Carlone 02/21/2024
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#6
Chloroethane
Concen: 18.179 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

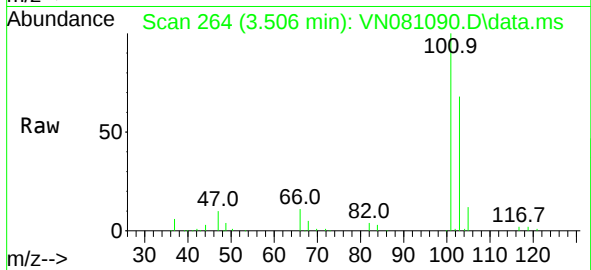
Tgt Ion: 64 Resp: 66870
Ion Ratio Lower Upper
64 100
66 29.5 26.4 39.6





#7
Trichlorofluoromethane
Concen: 19.282 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

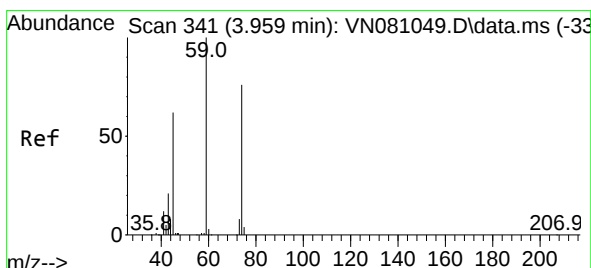
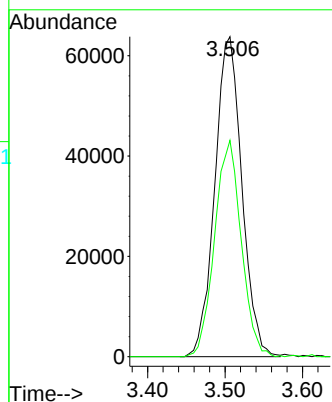
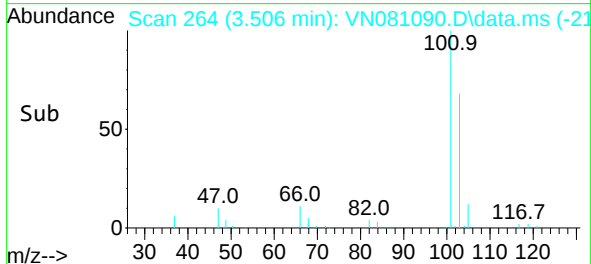
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Tgt Ion:101 Resp: 155464
Ion Ratio Lower Upper
101 100
103 67.6 54.4 81.6

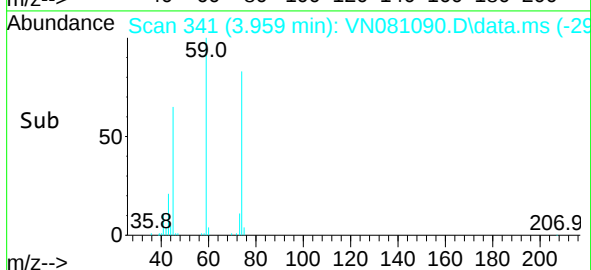
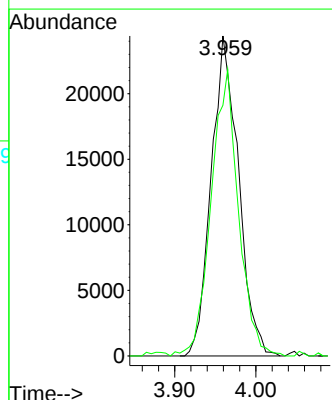
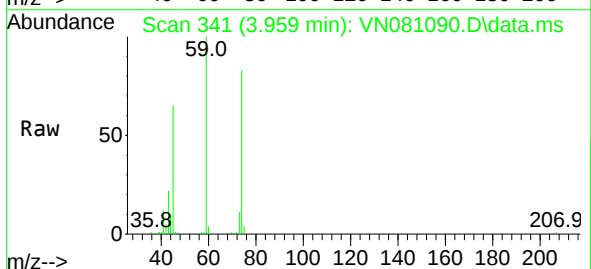
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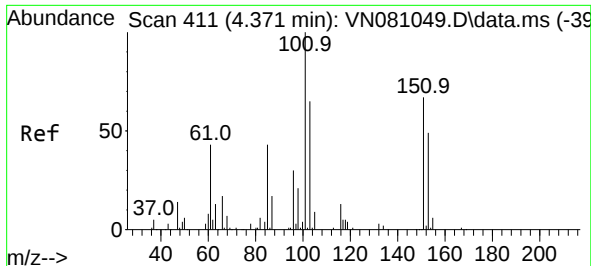
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#8
Diethyl Ether
Concen: 19.327 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

Tgt Ion: 74 Resp: 56972
Ion Ratio Lower Upper
74 100
45 89.5 53.3 159.9





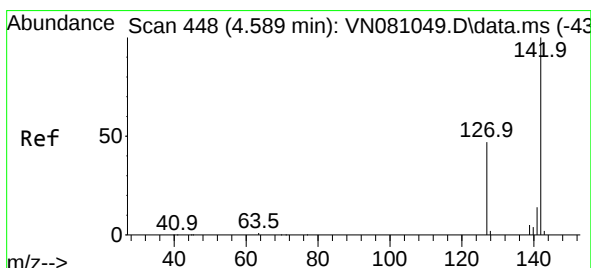
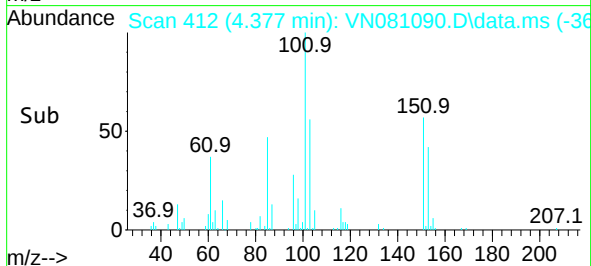
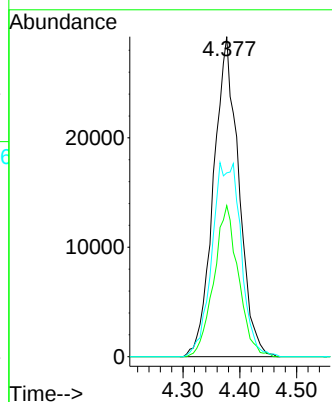
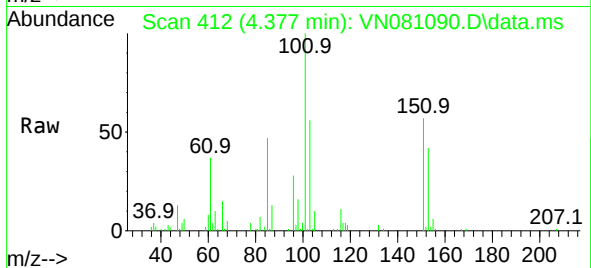
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.016 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion:101 Resp: 89968
Ion Ratio Lower Upper
101 100
85 46.0 38.1 57.1
151 69.9 49.1 73.7

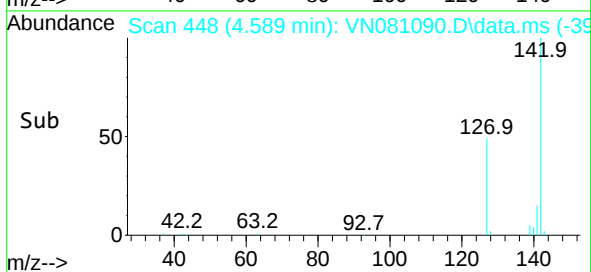
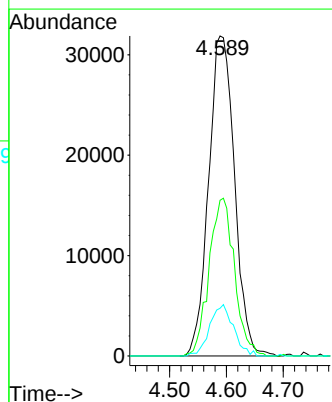
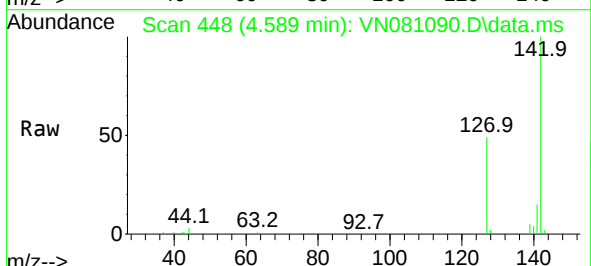
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#10
Methyl Iodide
Concen: 20.116 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

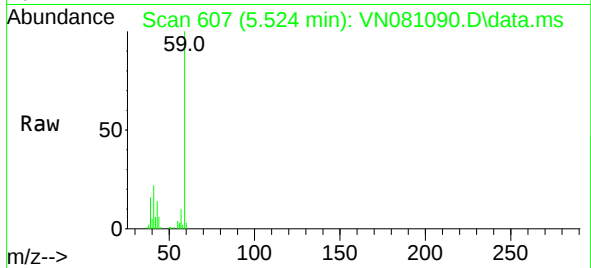
Tgt Ion:142 Resp: 100924
Ion Ratio Lower Upper
142 100
127 48.7 37.0 55.4
141 14.9 12.5 18.7





#11
Tert butyl alcohol
Concen: 81.076 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

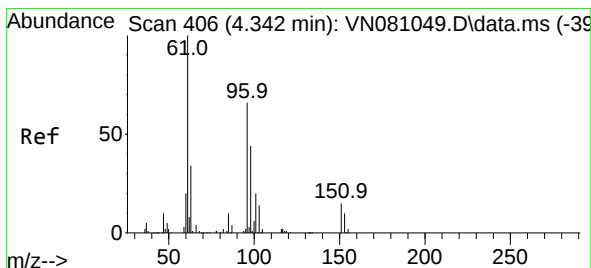
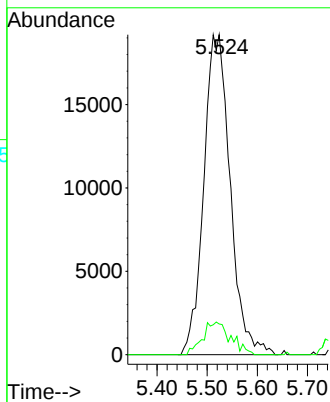
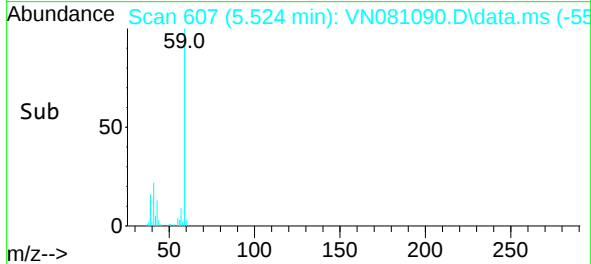
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 59 Resp: 70210
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

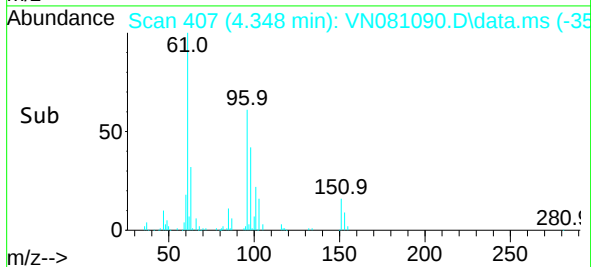
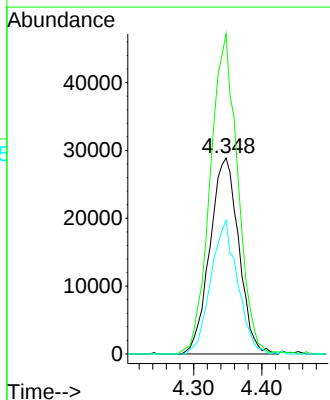
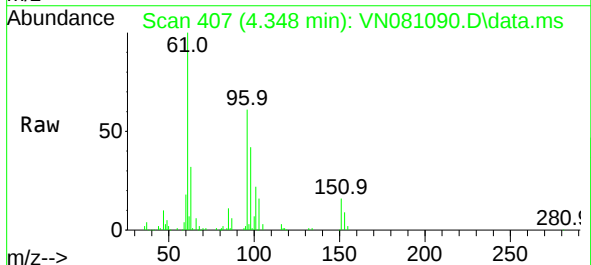
Manual Integrations
APPROVED

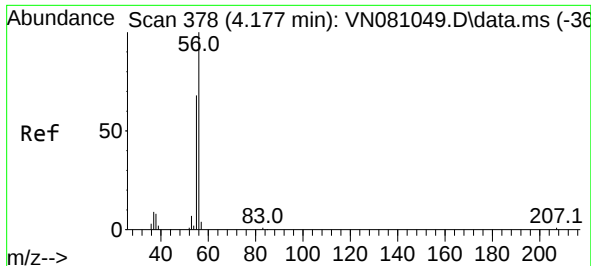
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#12
1,1-Dichloroethene
Concen: 19.569 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

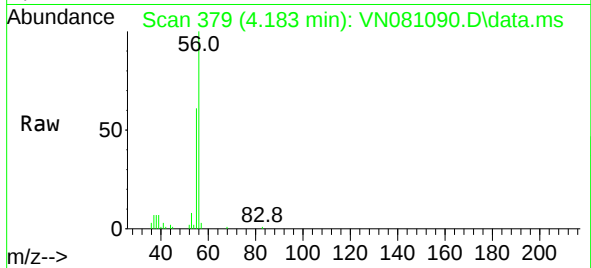
Tgt Ion: 96 Resp: 85023
Ion Ratio Lower Upper
96 100
61 163.4 138.2 207.4
98 68.2 49.2 73.8





#13
Acrolein
Concen: 182.316 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

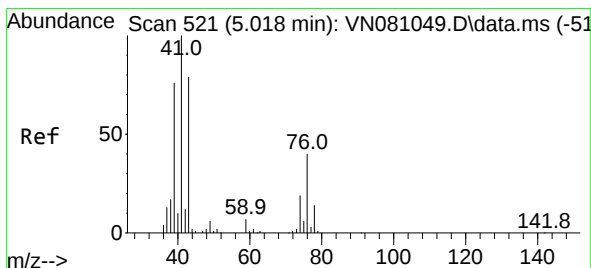
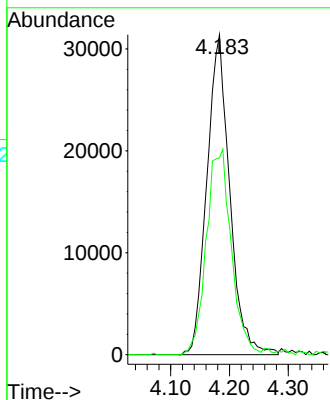
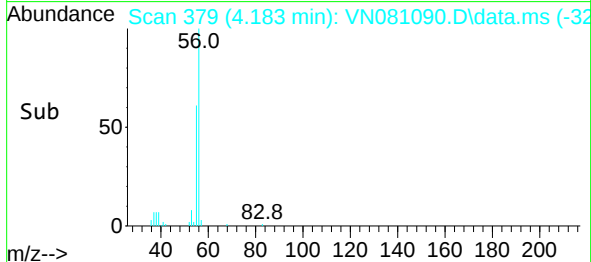
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 56 Resp: 84628
Ion Ratio Lower Upper
56 100
55 69.7 55.3 82.9

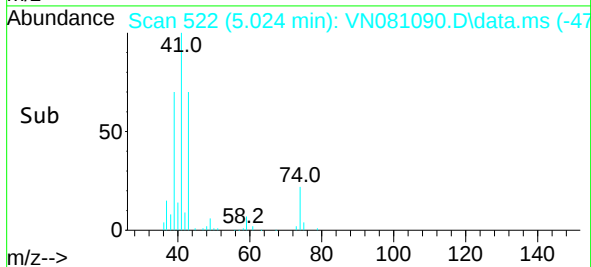
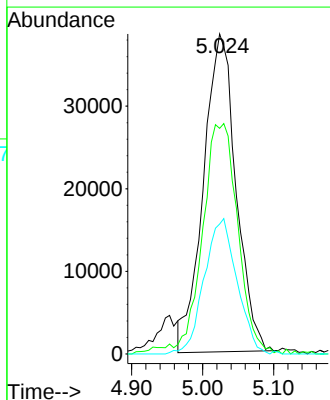
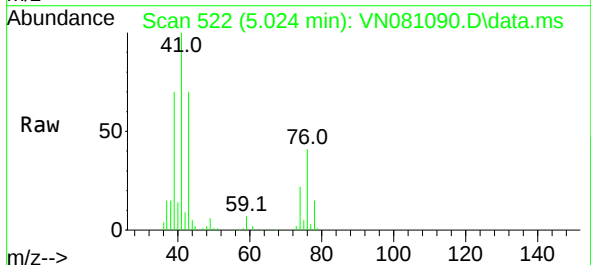
Manual Integrations
APPROVED

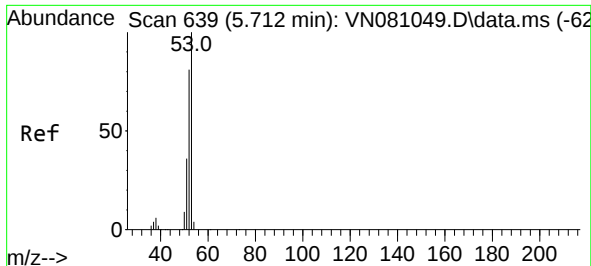
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#14
Allyl chloride
Concen: 19.071 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

Tgt Ion: 41 Resp: 122942
Ion Ratio Lower Upper
41 100
39 79.5 57.7 86.5
76 42.6 26.8 40.2#





#15

Acrylonitrile

Concen: 91.408 ug/l

RT: 5.712 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN081090.D

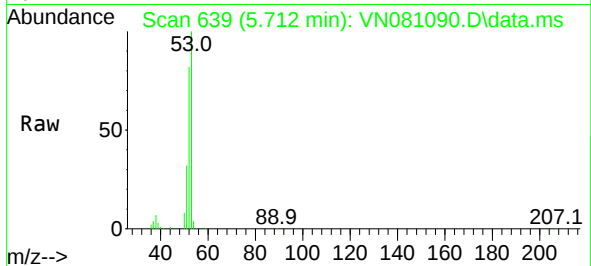
Acq: 20 Feb 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01



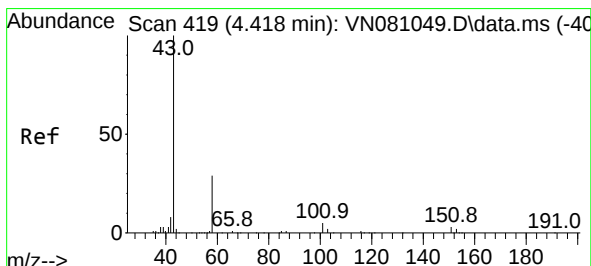
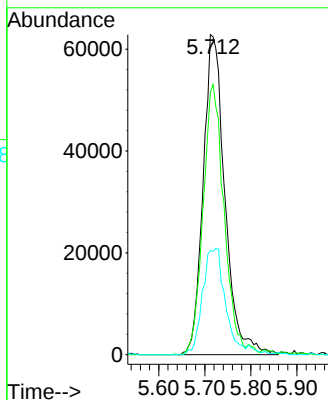
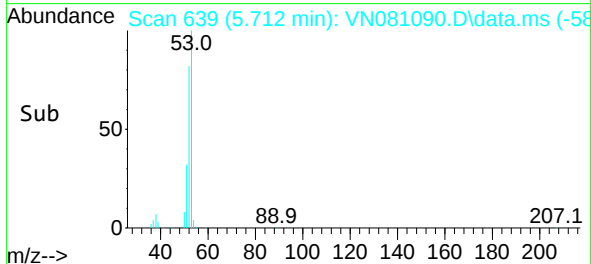
Tgt Ion:	53	Resp:	206750
Ion	Ratio	Lower	Upper
53	100		
52	80.7	64.8	97.2
51	34.3	26.9	40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#16

Acetone

Concen: 76.590 ug/l

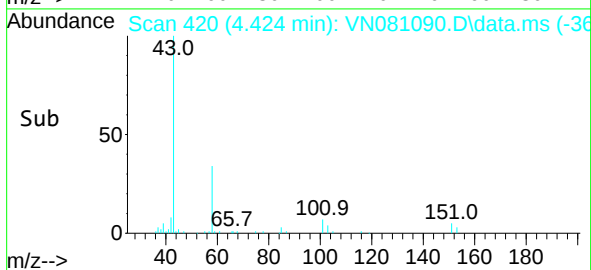
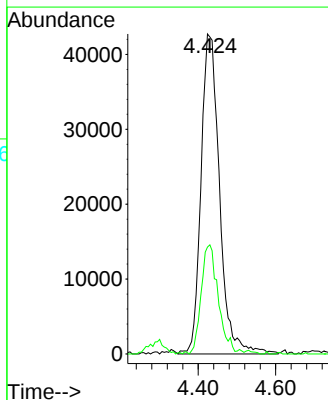
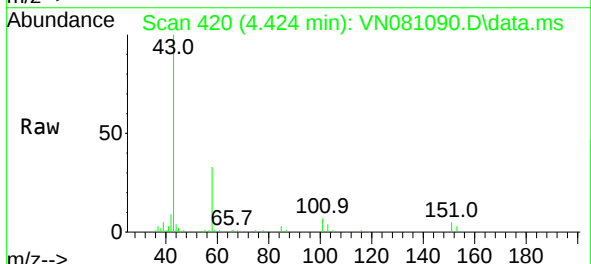
RT: 4.424 min Scan# 420

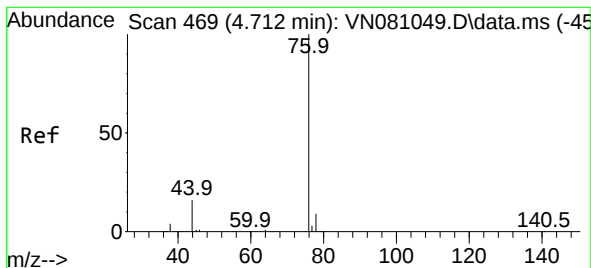
Delta R.T. 0.006 min

Lab File: VN081090.D

Acq: 20 Feb 2024 11:46

Tgt Ion:	43	Resp:	141919
Ion	Ratio	Lower	Upper
43	100		
58	33.1	24.8	37.2





#17

Carbon Disulfide

Concen: 17.686 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081090.D

Acq: 20 Feb 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

Tgt Ion: 76 Resp: 21433

Ion Ratio Lower Upper

76 100

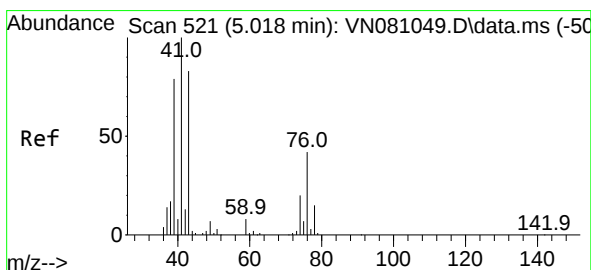
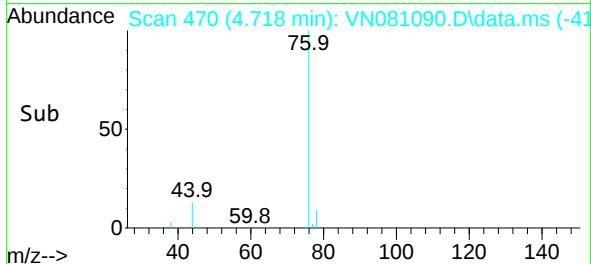
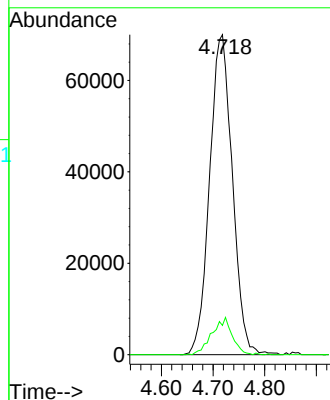
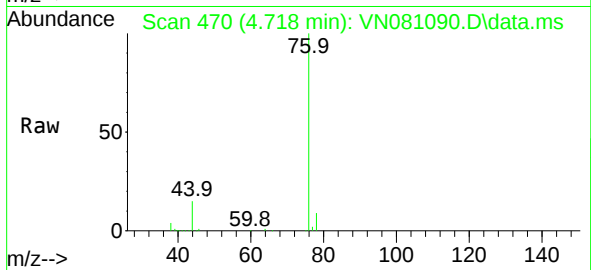
78 9.2 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#18

Methyl Acetate

Concen: 20.281 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN081090.D

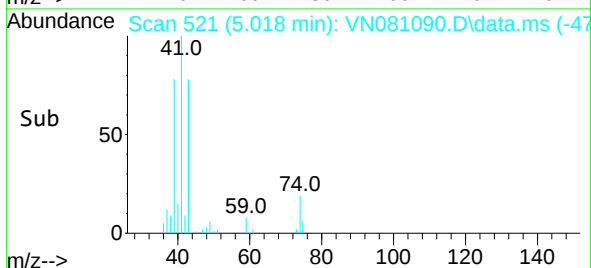
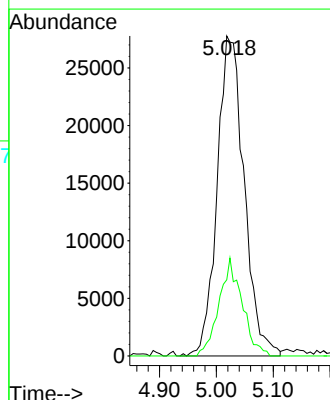
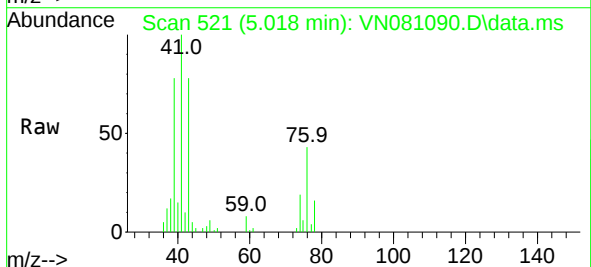
Acq: 20 Feb 2024 11:46

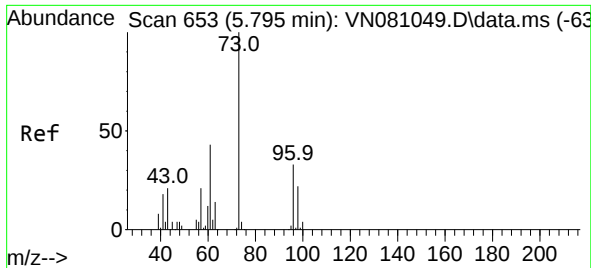
Tgt Ion: 43 Resp: 91674

Ion Ratio Lower Upper

43 100

74 26.2 17.3 25.9#





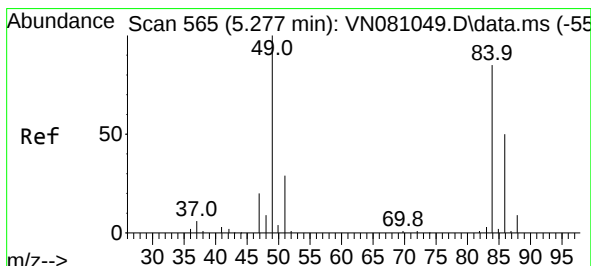
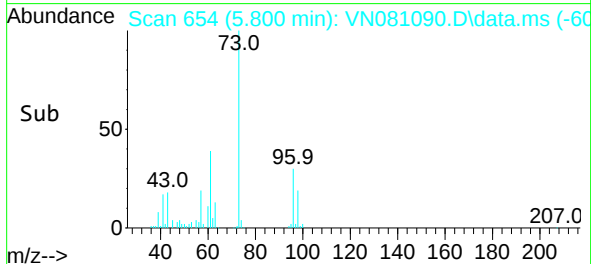
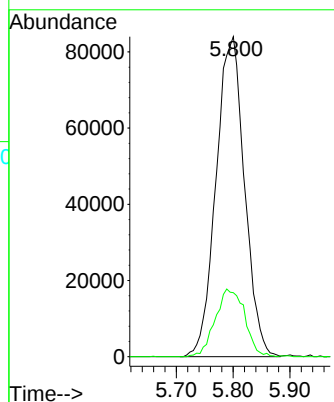
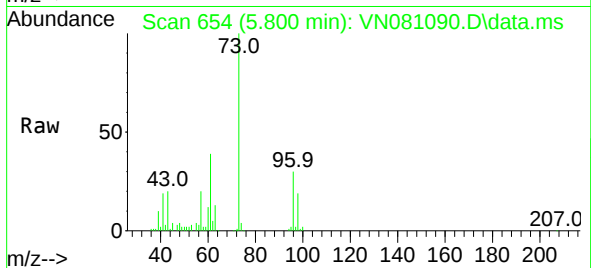
#19
Methyl tert-butyl Ether
Concen: 19.662 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion: 73 Resp: 29258
Ion Ratio Lower Upper
73 100
57 20.0 18.2 27.4

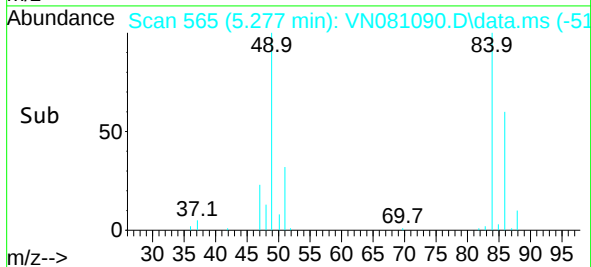
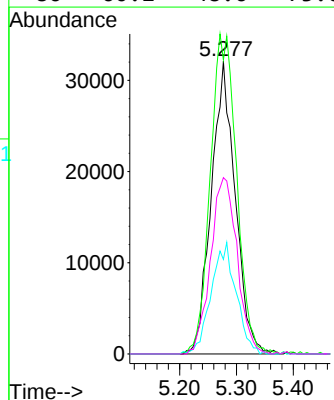
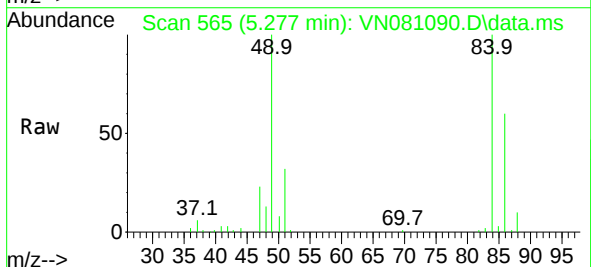
Manual Integrations
APPROVED

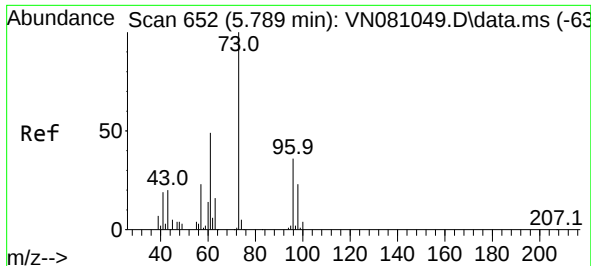
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#20
Methylene Chloride
Concen: 19.010 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

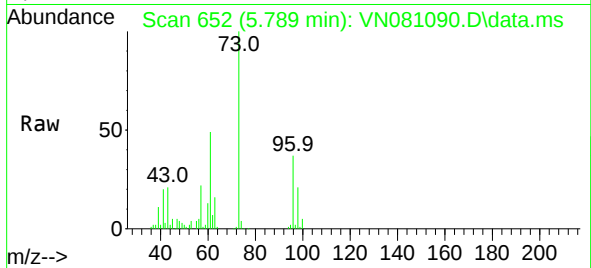
Tgt Ion: 84 Resp: 93888
Ion Ratio Lower Upper
84 100
49 100.4 108.1 162.1#
51 32.3 32.9 49.3#
86 60.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.732 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

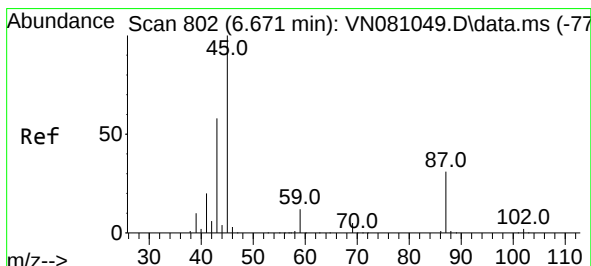
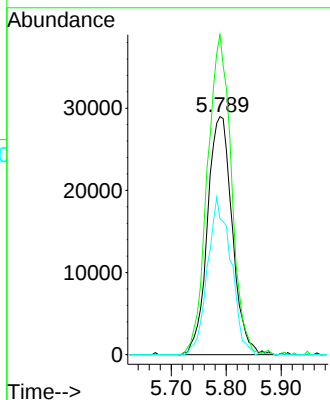
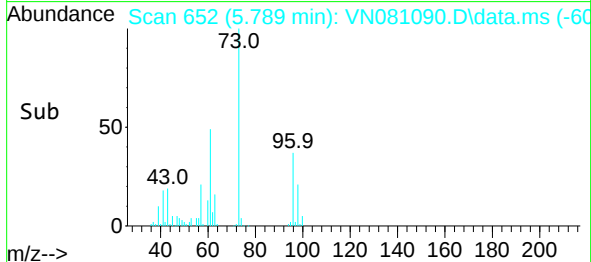
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 96 Resp: 90802
Ion Ratio Lower Upper
96 100
61 134.4 112.8 169.2
98 57.1 51.0 76.4

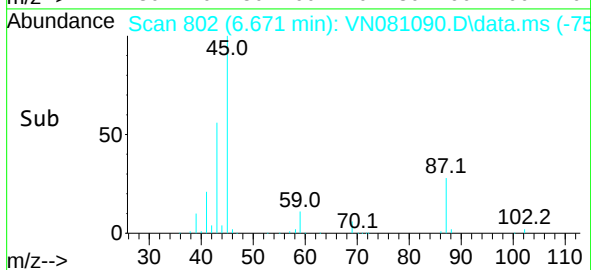
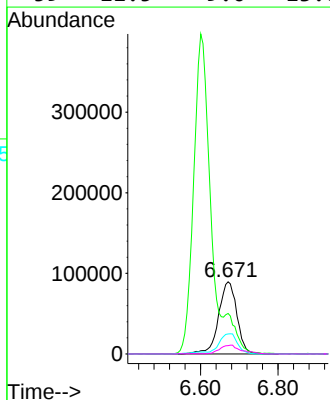
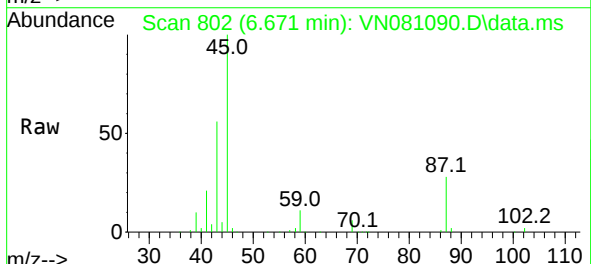
Manual Integrations
APPROVED

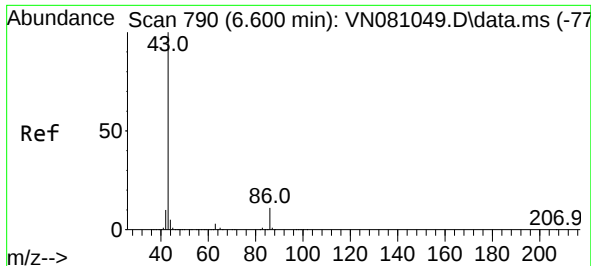
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#22
Diisopropyl ether
Concen: 20.187 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

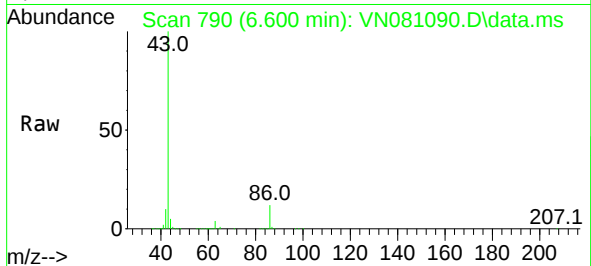
Tgt Ion: 45 Resp: 295209
Ion Ratio Lower Upper
45 100
43 55.5 41.8 62.8
87 27.5 18.1 27.1#
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 97.060 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081090.D
 Acq: 20 Feb 2024 11:46

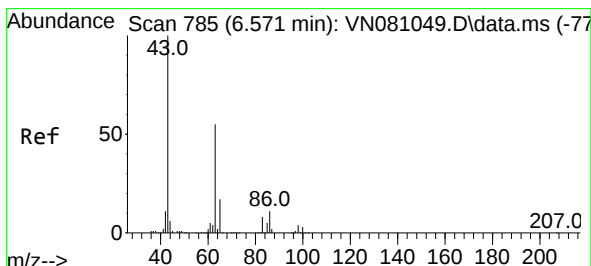
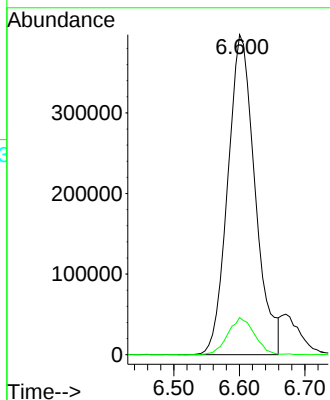
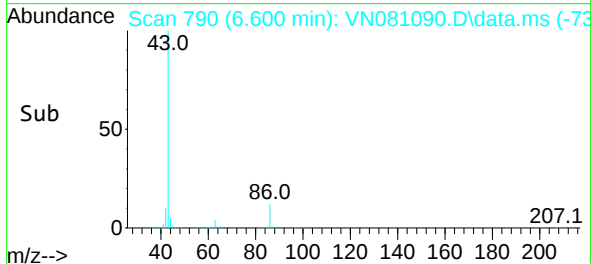
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBS01



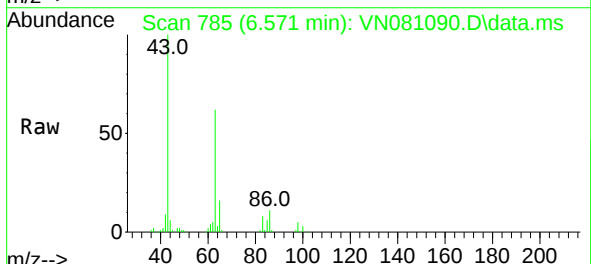
Tgt Ion: 43 Resp: 115161
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7

Manual Integrations
 APPROVED

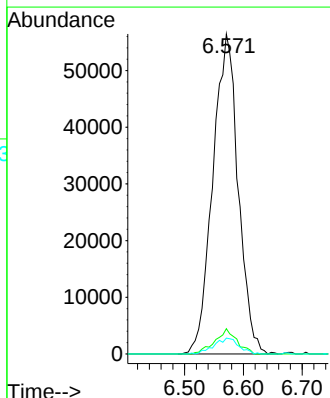
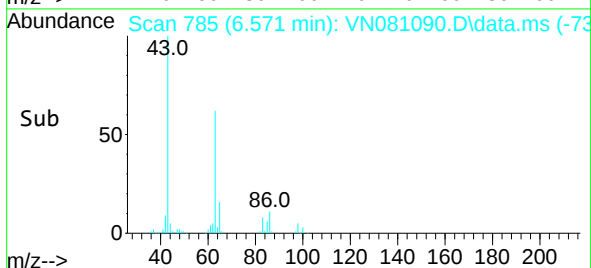
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

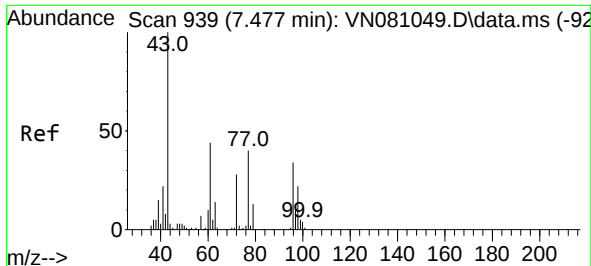


#24
 1,1-Dichloroethane
 Concen: 20.025 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081090.D
 Acq: 20 Feb 2024 11:46



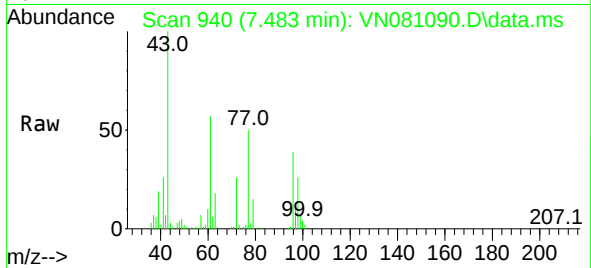
Tgt Ion: 63 Resp: 169327
 Ion Ratio Lower Upper
 63 100
 98 7.9 2.9 8.6
 100 4.9 1.9 5.7





#25
2-Butanone
Concen: 84.064 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

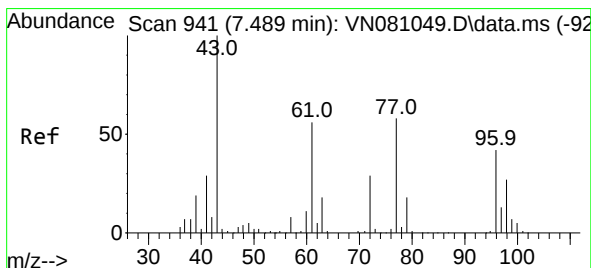
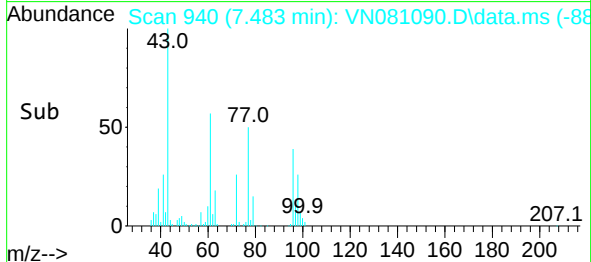
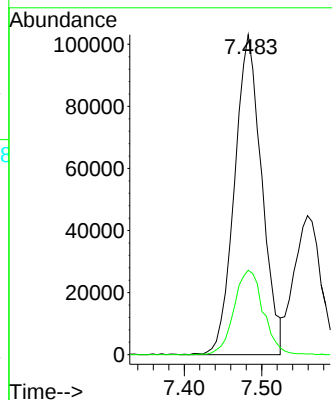
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 43 Resp: 251650
Ion Ratio Lower Upper
43 100
72 26.4 19.5 29.3

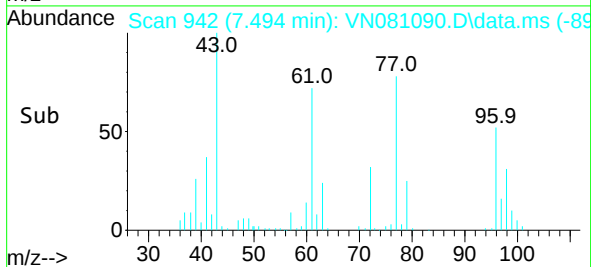
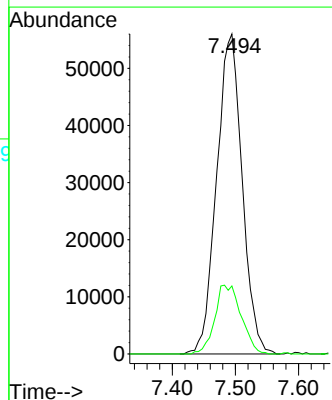
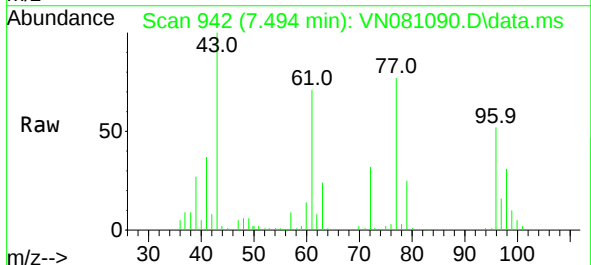
Manual Integrations
APPROVED

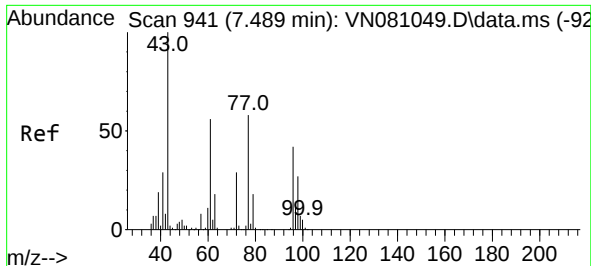
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#26
2,2-Dichloropropane
Concen: 19.870 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

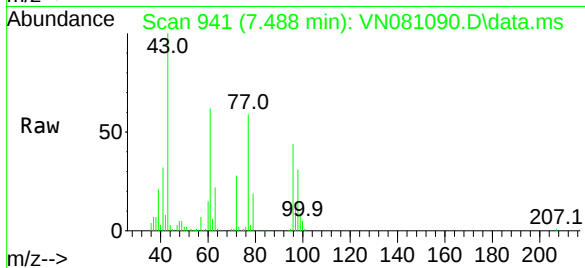
Tgt Ion: 77 Resp: 157427
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 19.085 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

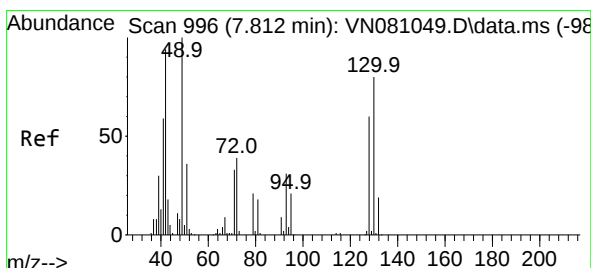
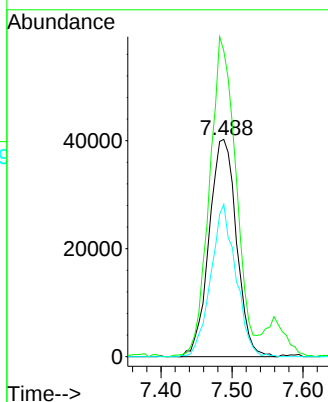
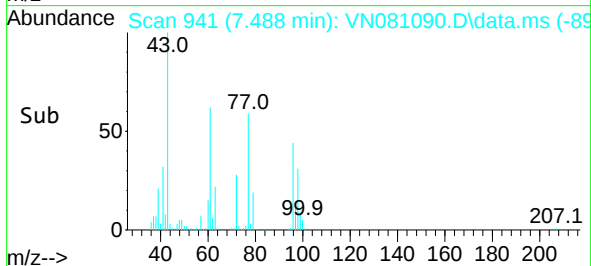
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 96 Resp: 107490
Ion Ratio Lower Upper
96 100
61 142.5 0.0 325.4
98 64.3 0.0 130.4

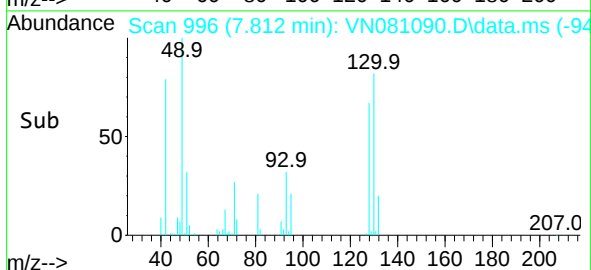
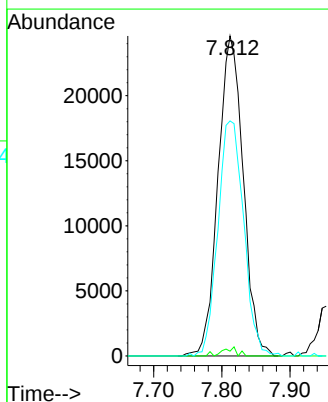
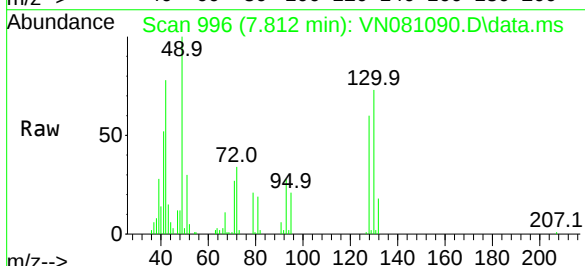
Manual Integrations
APPROVED

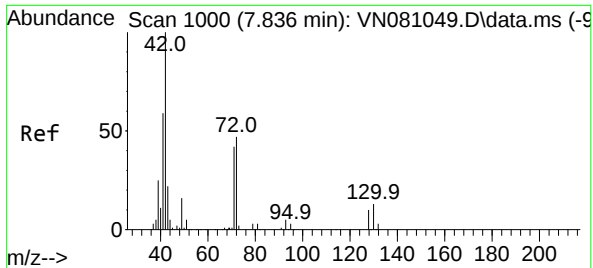
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#28
Bromochloromethane
Concen: 18.009 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

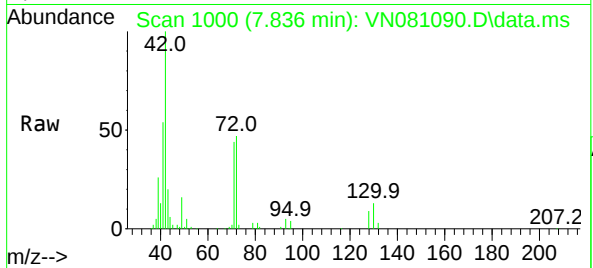
Tgt Ion: 49 Resp: 63130
Ion Ratio Lower Upper
49 100
129 1.4 0.0 1.6
130 75.4 42.3 63.5#





#29
Tetrahydrofuran
Concen: 87.635 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

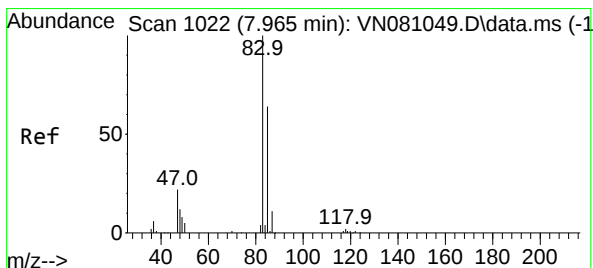
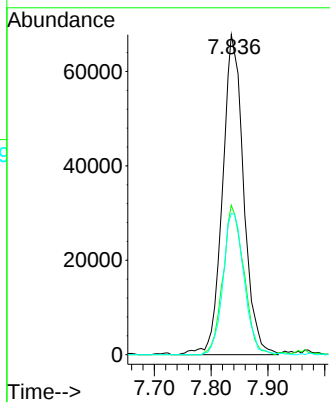
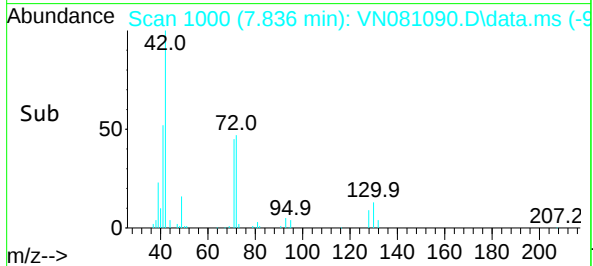
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 42 Resp: 17512
Ion Ratio Lower Upper
42 100
72 45.9 31.1 46.7
71 44.2 28.3 42.5

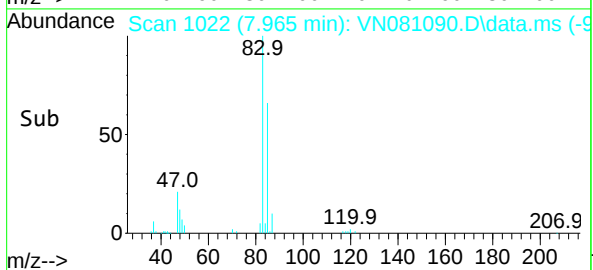
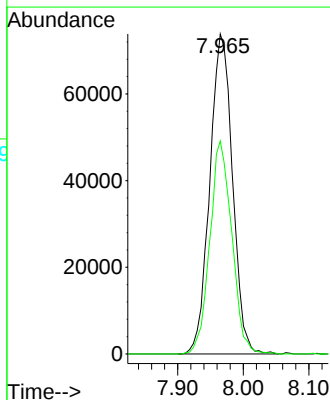
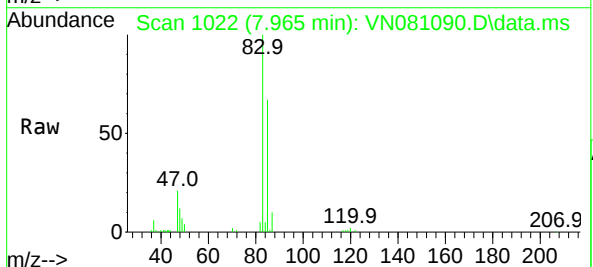
Manual Integrations
APPROVED

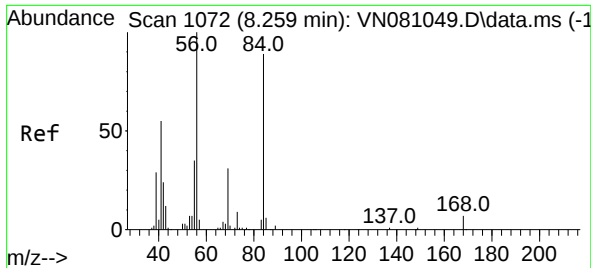
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#30
Chloroform
Concen: 19.727 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

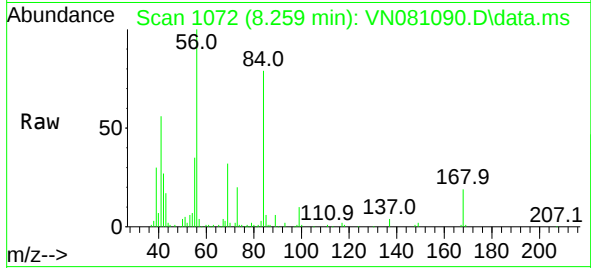
Tgt Ion: 83 Resp: 177332
Ion Ratio Lower Upper
83 100
85 66.5 51.0 76.6





#31
Cyclohexane
Concen: 19.109 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

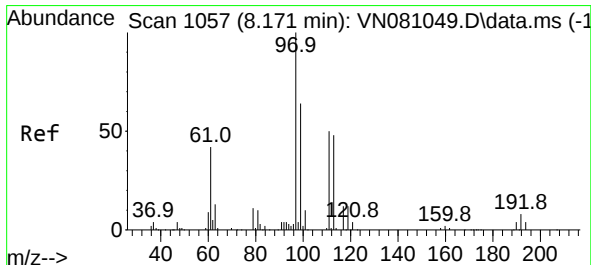
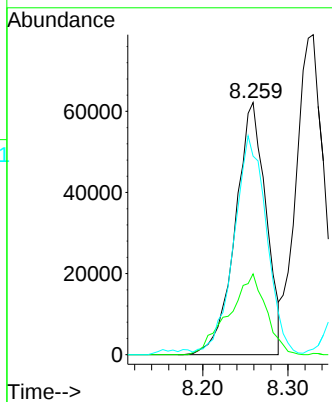
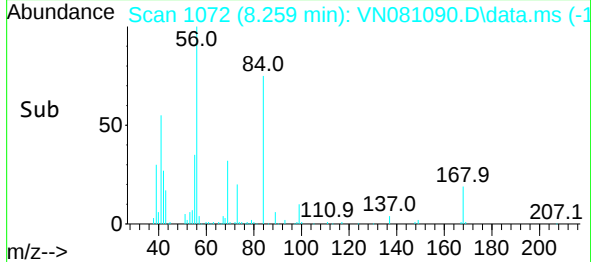
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



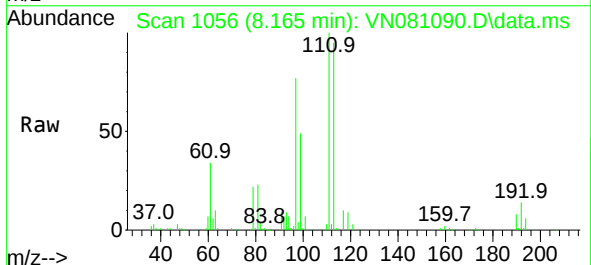
Tgt Ion: 56 Resp: 155379
Ion Ratio Lower Upper
56 100
69 32.1 20.1 30.1
84 77.6 56.9 85.3

Manual Integrations
APPROVED

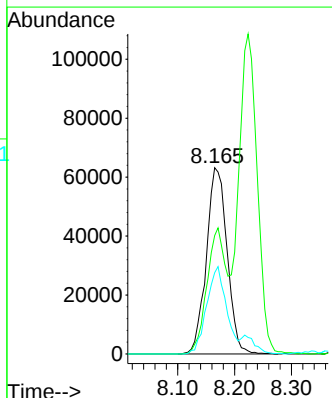
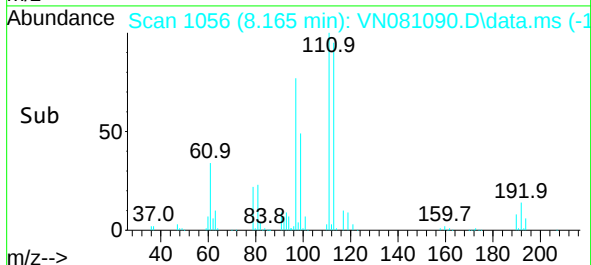
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

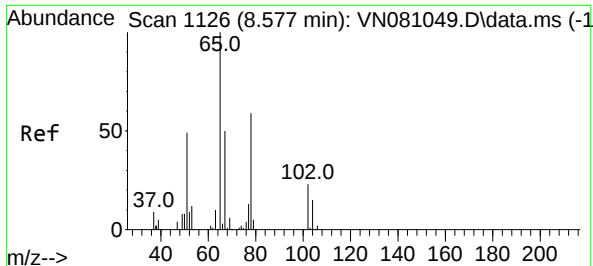


#32
1,1,1-Trichloroethane
Concen: 19.603 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



Tgt Ion: 97 Resp: 160481
Ion Ratio Lower Upper
97 100
99 60.8 53.4 80.0
61 44.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 45.274 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081090.D

Acq: 20 Feb 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

Tgt Ion: 65 Resp: 21320

Ion Ratio Lower Upper

65 100

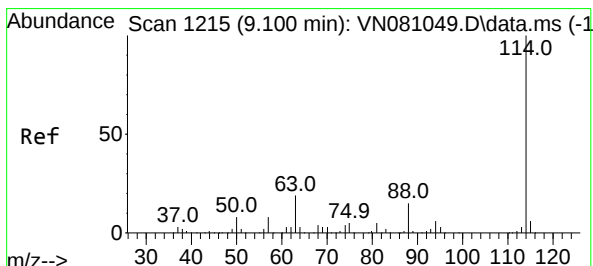
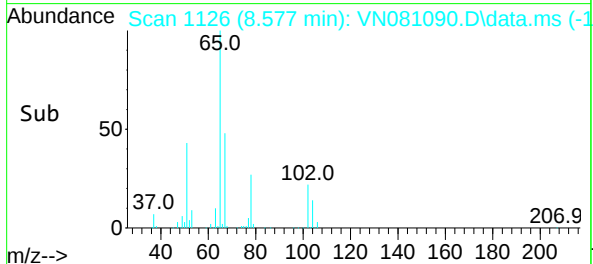
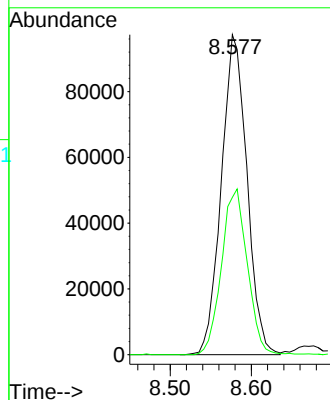
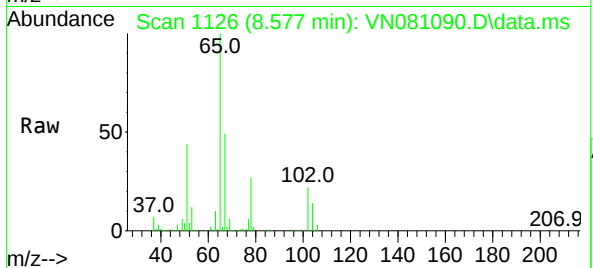
67 52.2 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081090.D

Acq: 20 Feb 2024 11:46

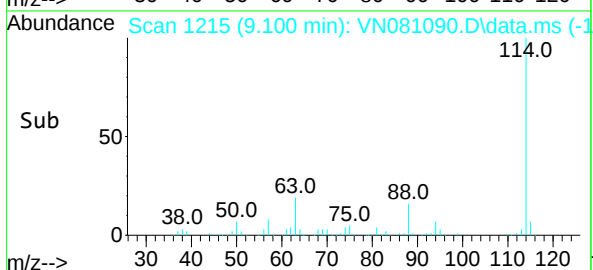
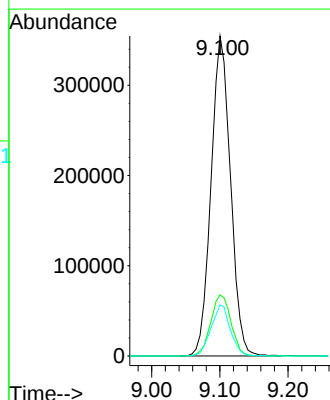
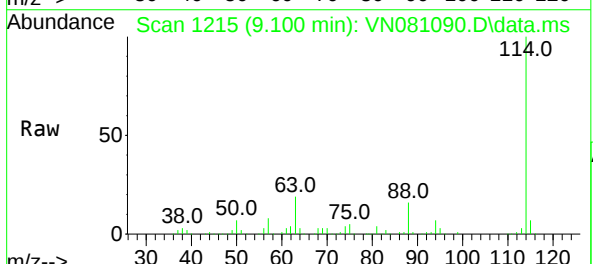
Tgt Ion:114 Resp: 703506

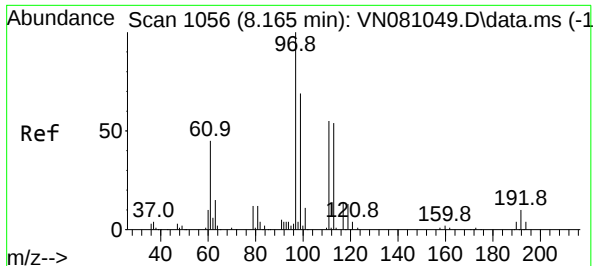
Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

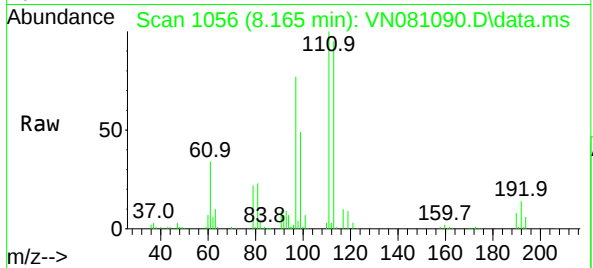
88 16.0 0.0 34.8





#35
Dibromofluoromethane
Concen: 46.352 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

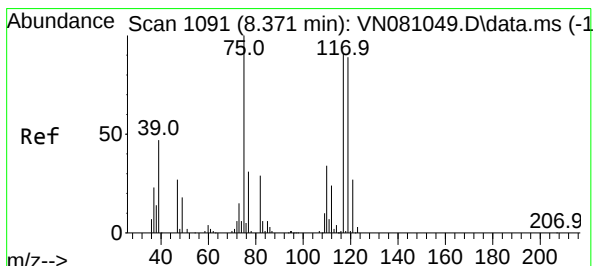
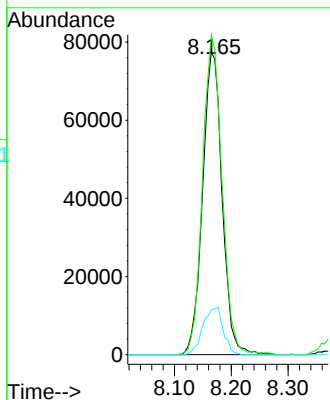
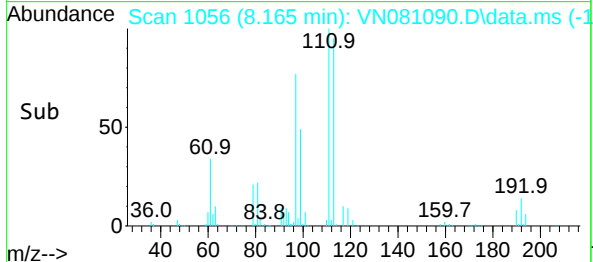
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



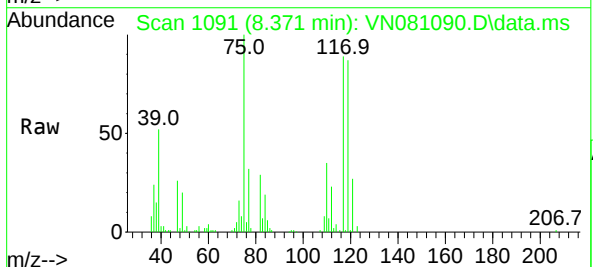
Tgt Ion:113 Resp: 18439
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.4
192 16.2 12.5 18.7

Manual Integrations
APPROVED

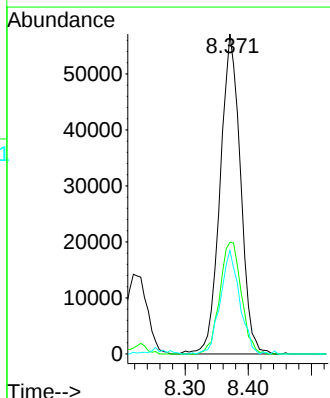
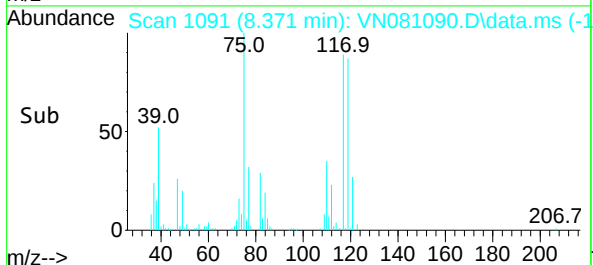
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

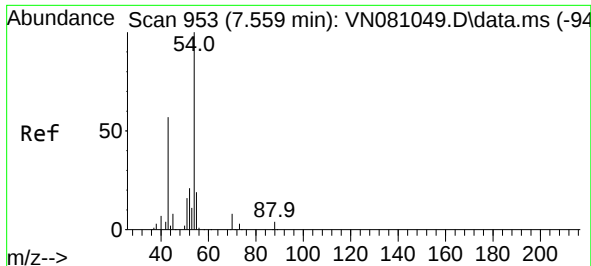


#36
1,1-Dichloropropene
Concen: 18.705 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



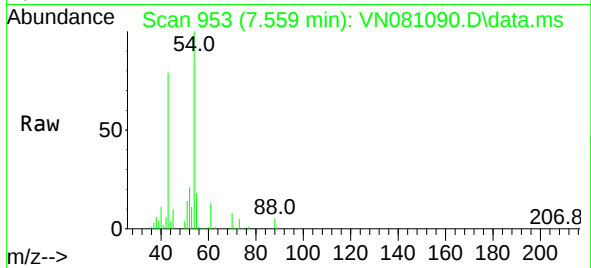
Tgt Ion: 75 Resp: 127480
Ion Ratio Lower Upper
75 100
110 37.0 16.0 48.0
77 30.9 25.8 38.6





#37
Ethyl Acetate
Concen: 18.426 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

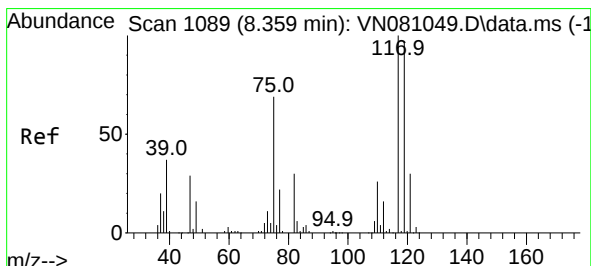
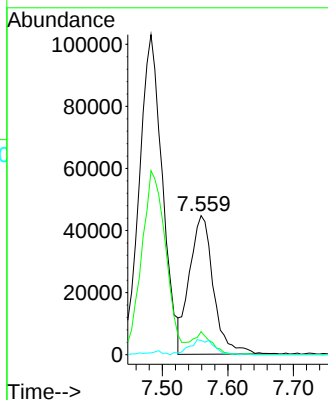
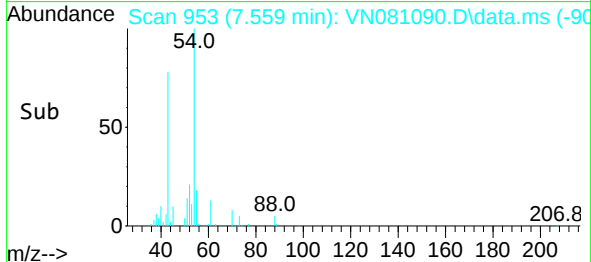
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 43 Resp: 113340
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 11.1 8.0 12.0

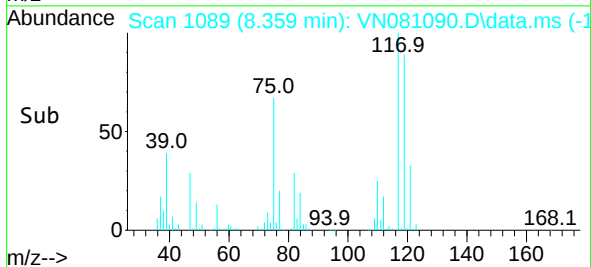
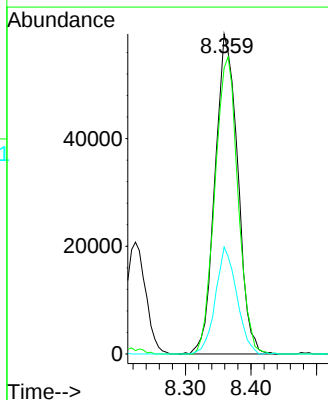
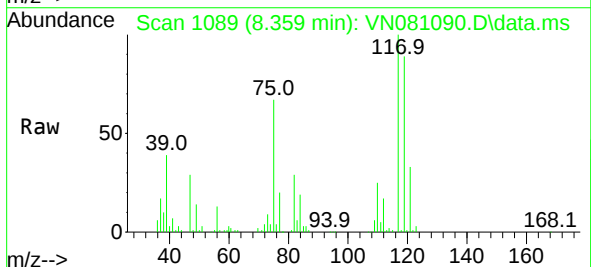
Manual Integrations
APPROVED

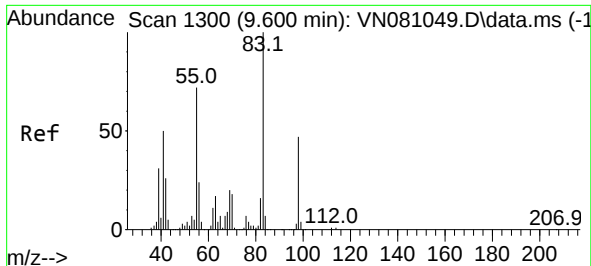
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#38
Carbon Tetrachloride
Concen: 20.706 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

Tgt Ion:117 Resp: 142774
Ion Ratio Lower Upper
117 100
119 89.4 73.4 110.2
121 33.4 24.4 36.6





#39

Methylcyclohexane

Concen: 20.191 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN081090.D

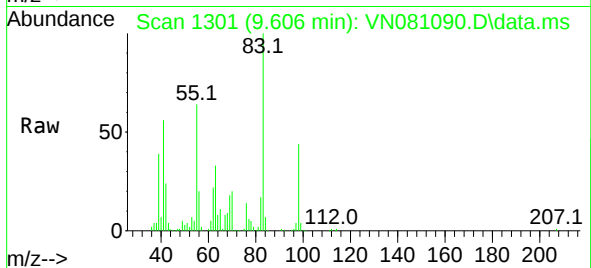
Acq: 20 Feb 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01



Tgt Ion: 83 Resp: 160412

Ion Ratio Lower Upper

83 100

55 64.0 65.7 98.5

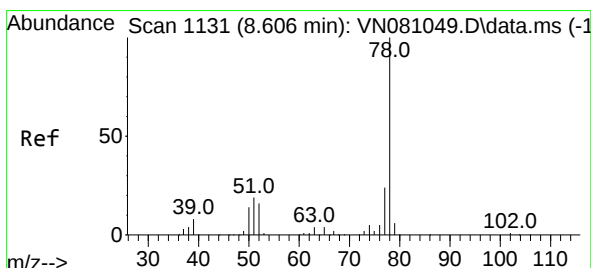
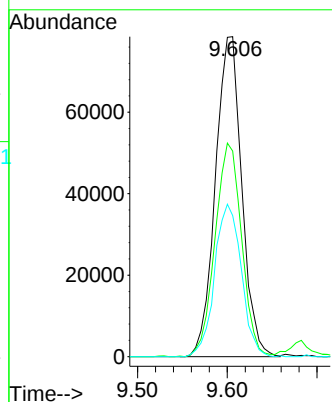
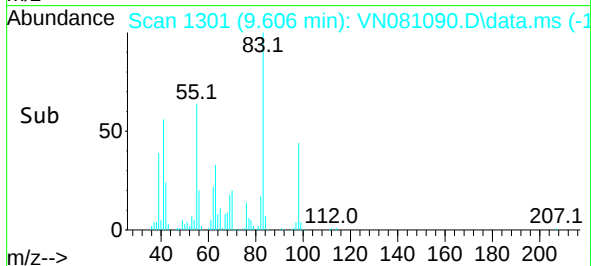
98 44.1 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#40

Benzene

Concen: 19.747 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081090.D

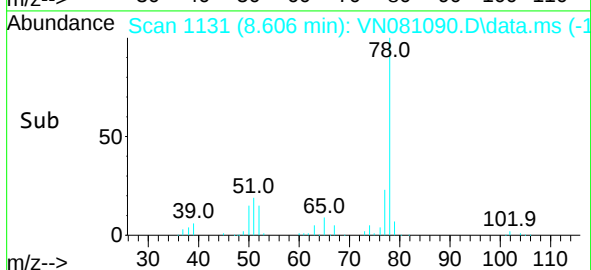
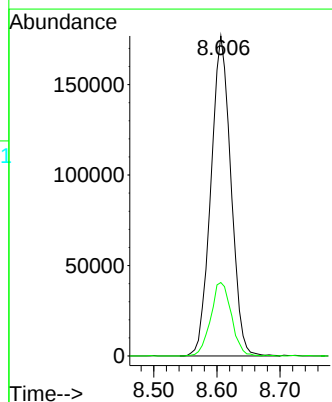
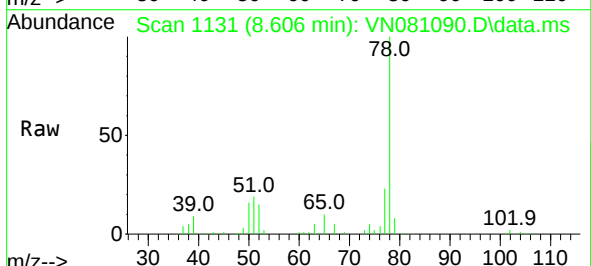
Acq: 20 Feb 2024 11:46

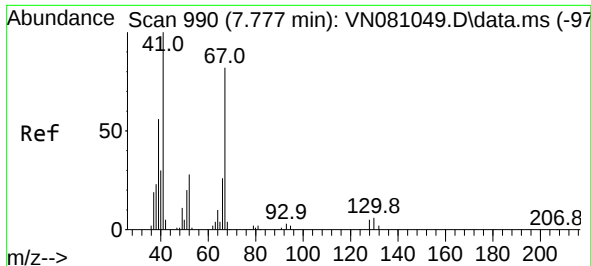
Tgt Ion: 78 Resp: 389550

Ion Ratio Lower Upper

78 100

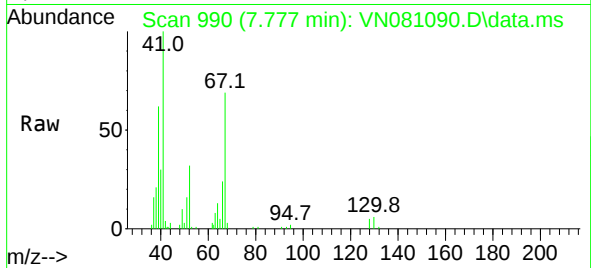
77 23.0 20.4 30.6





#41
Methacrylonitrile
Concen: 18.469 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

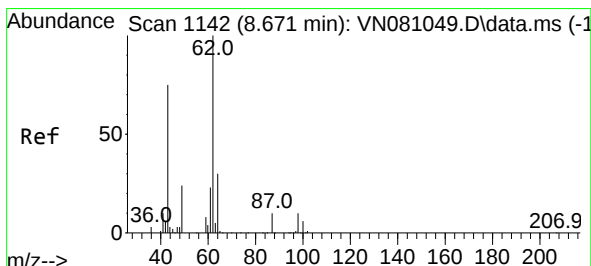
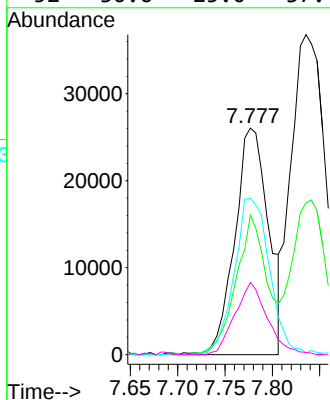
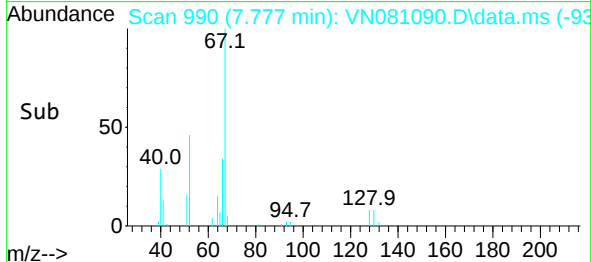
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



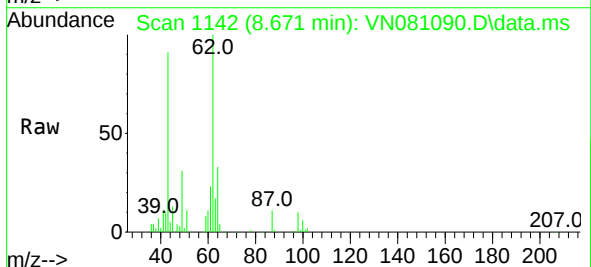
Tgt Ion: 41	Resp: 6465
Ion Ratio	Lower Upper
41 100	
39 56.4	48.4 72.6
67 72.7	56.8 85.2
52 30.6	25.0 37.4

Manual Integrations
APPROVED

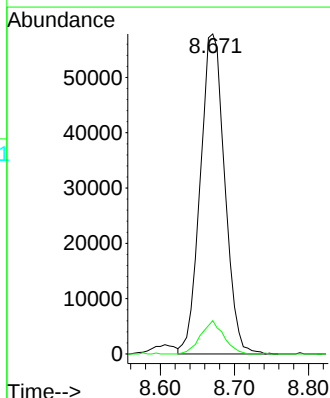
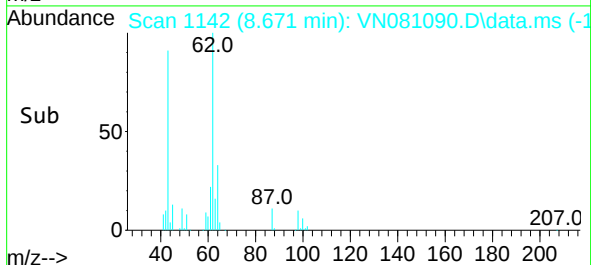
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

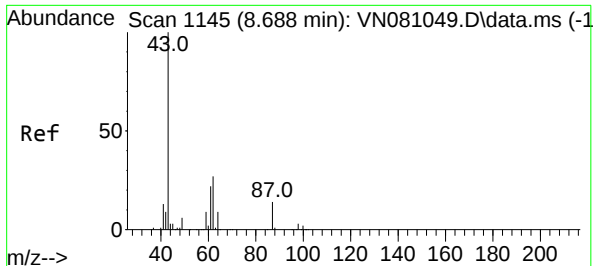


#42
1,2-Dichloroethane
Concen: 19.282 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



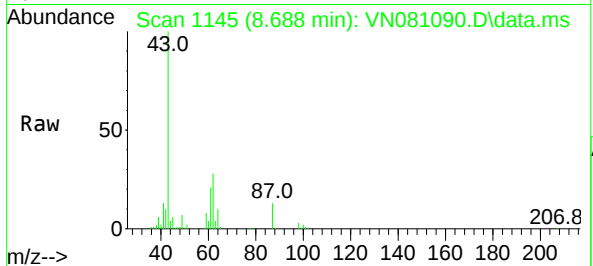
Tgt Ion: 62	Resp: 132705
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 18.0





#43
Isopropyl Acetate
Concen: 20.362 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

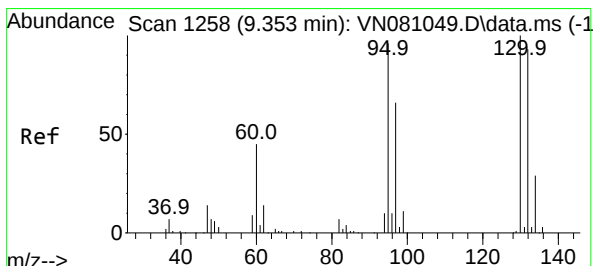
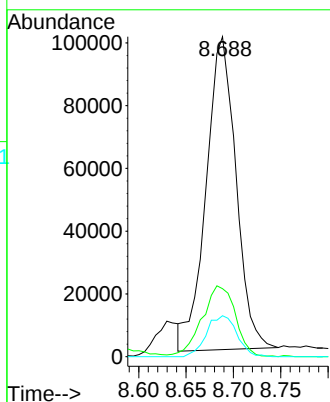
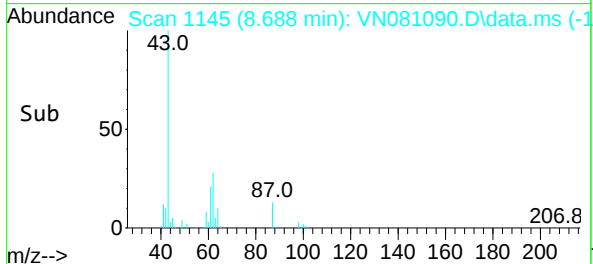
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



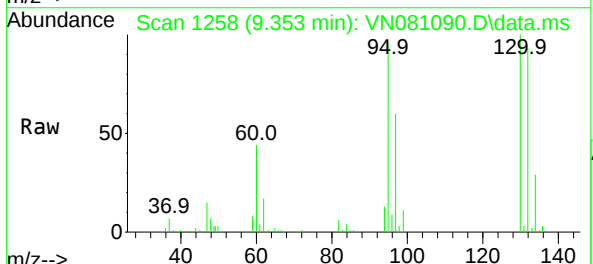
Tgt Ion: 43 Resp: 21904
Ion Ratio Lower Upper
43 100
61 25.4 19.9 29.9
87 13.3 9.0 13.6

Manual Integrations
APPROVED

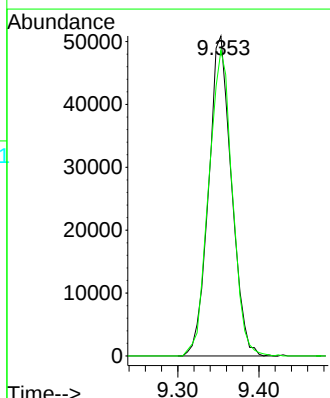
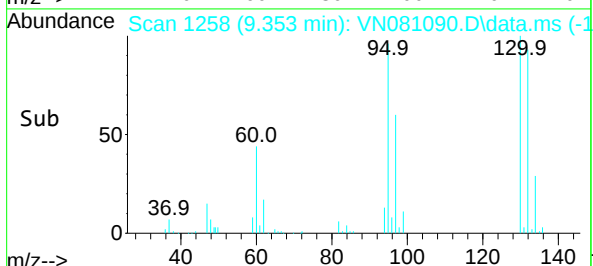
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

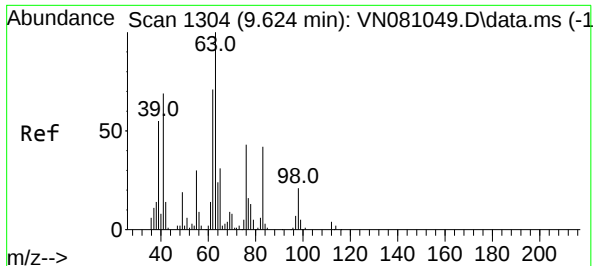


#44
Trichloroethene
Concen: 18.938 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



Tgt Ion:130 Resp: 99503
Ion Ratio Lower Upper
130 100
95 95.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.821 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081090.D

Acq: 20 Feb 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

Tgt Ion: 63 Resp: 9780

Ion Ratio Lower Upper

63 100

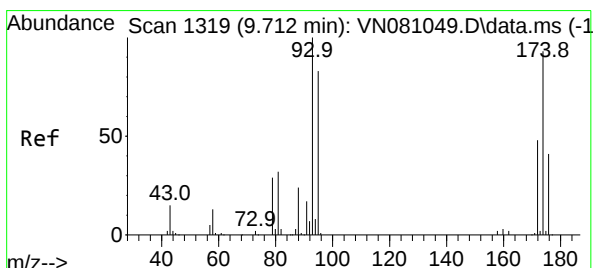
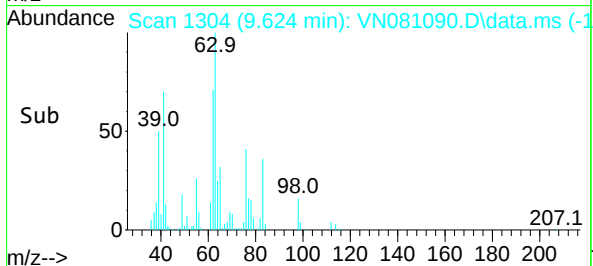
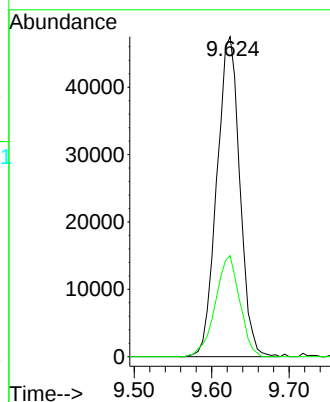
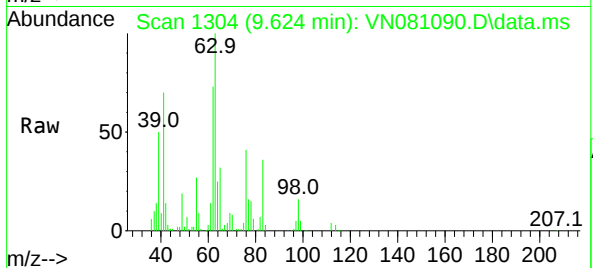
65 31.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#46

Dibromomethane

Concen: 19.293 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081090.D

Acq: 20 Feb 2024 11:46

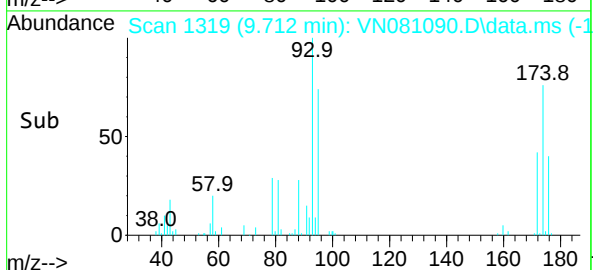
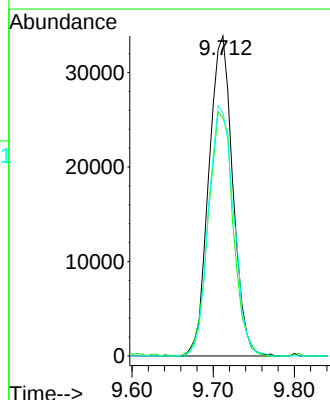
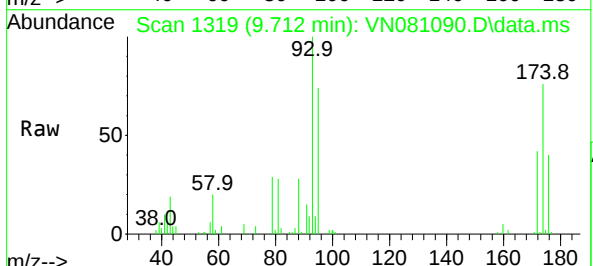
Tgt Ion: 93 Resp: 69367

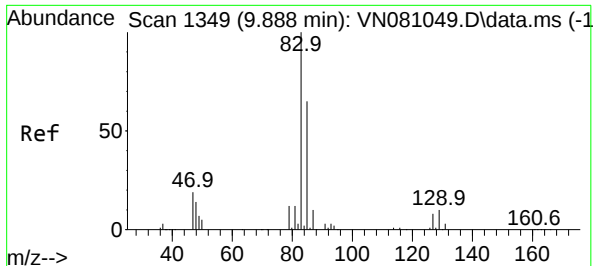
Ion Ratio Lower Upper

93 100

95 79.5 68.1 102.1

174 82.2 57.2 85.8





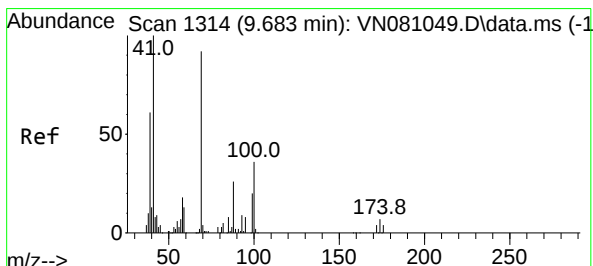
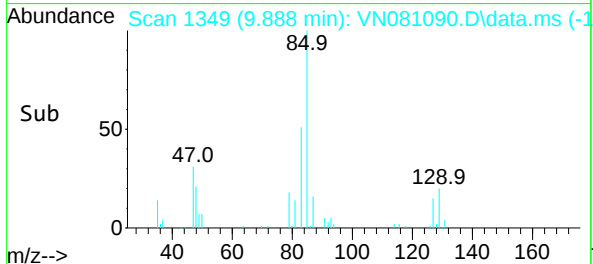
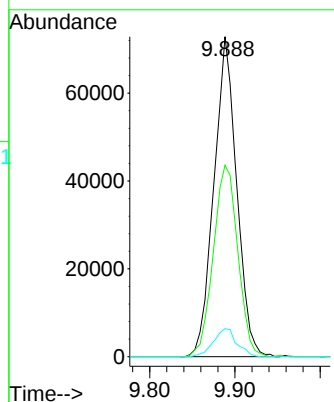
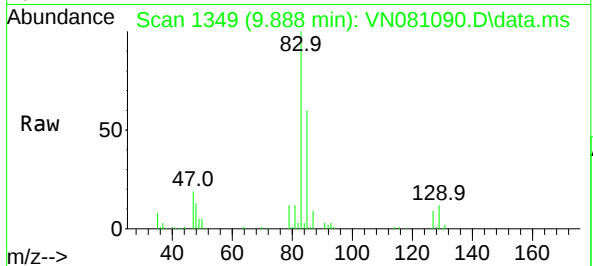
#47
Bromodichloromethane
Concen: 19.870 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion: 83 Resp: 13530
Ion Ratio Lower Upper
83 100
85 59.8 52.3 78.5
127 8.8 4.6 7.0

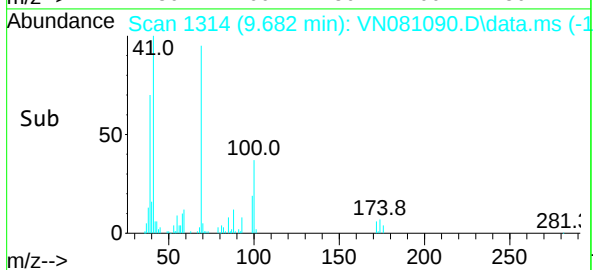
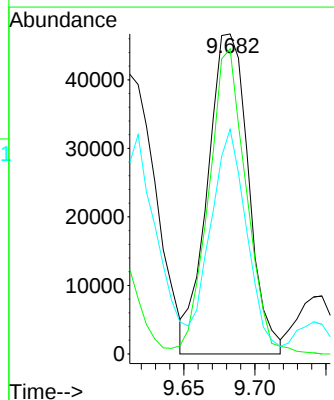
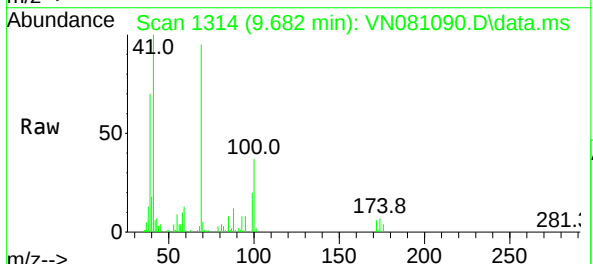
Manual Integrations
APPROVED

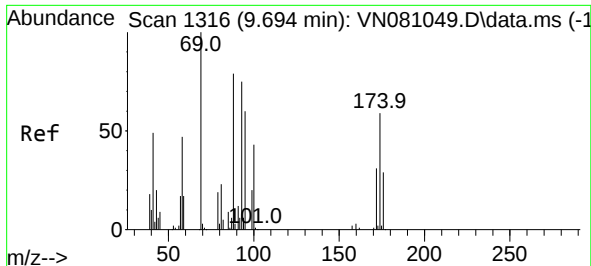
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#48
Methyl methacrylate
Concen: 18.714 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

Tgt Ion: 41 Resp: 93675
Ion Ratio Lower Upper
41 100
69 87.4 62.2 93.2
39 62.2 47.6 71.4





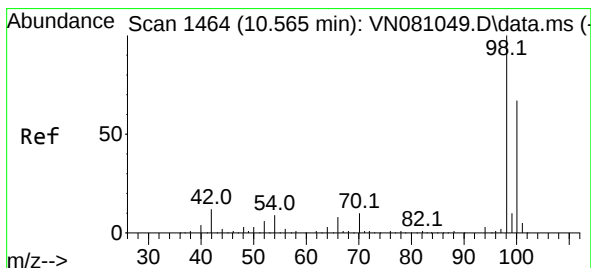
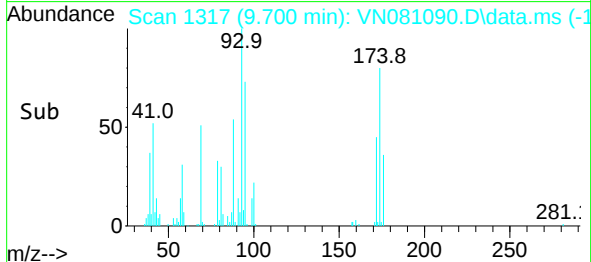
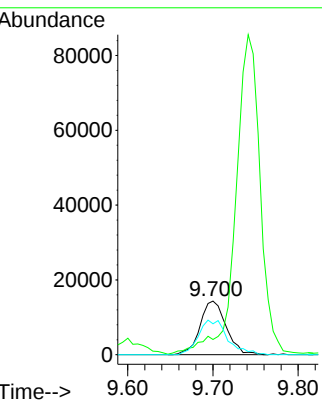
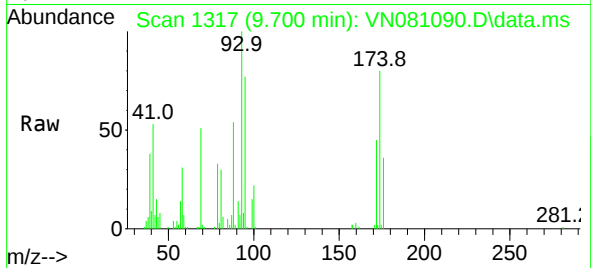
#49
1,4-Dioxane
Concen: 303.344 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion: 88 Resp: 30504
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 72.1 63.9 95.9

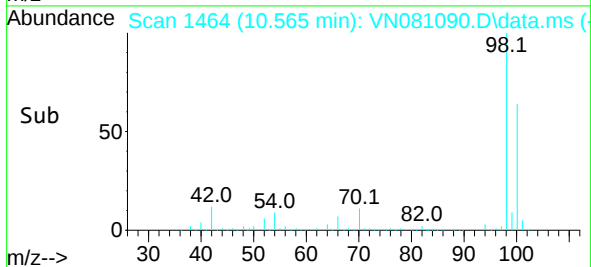
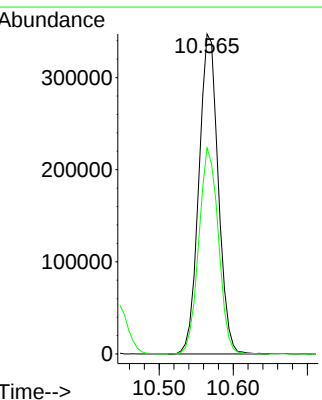
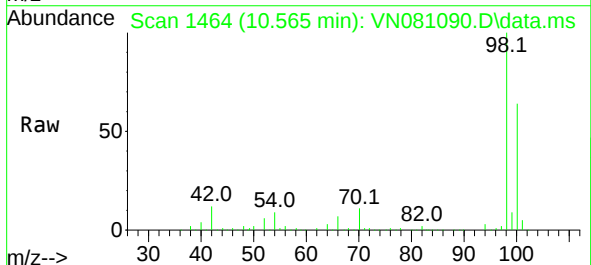
Manual Integrations
APPROVED

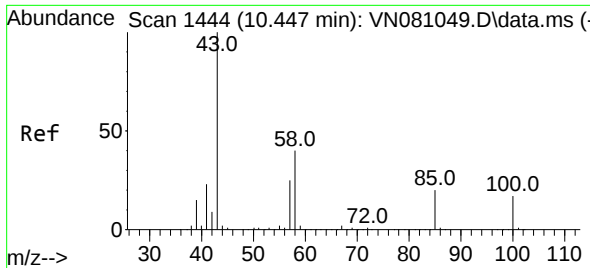
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#50
Toluene-d8
Concen: 44.412 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

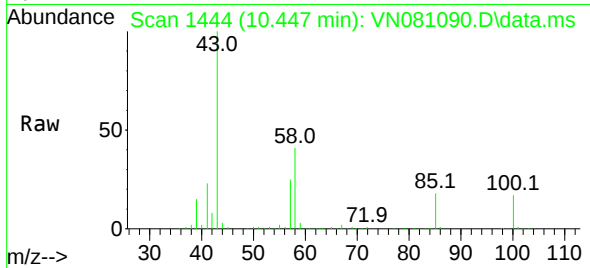
Tgt Ion: 98 Resp: 627509
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 91.374 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

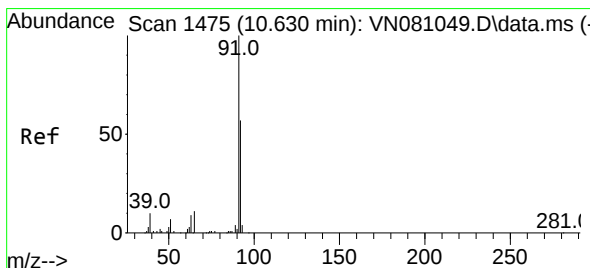
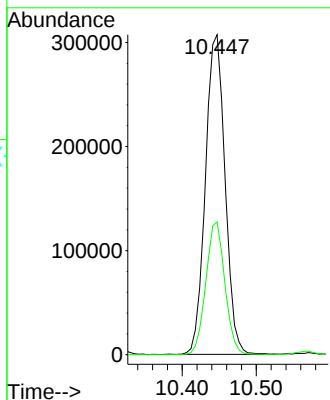
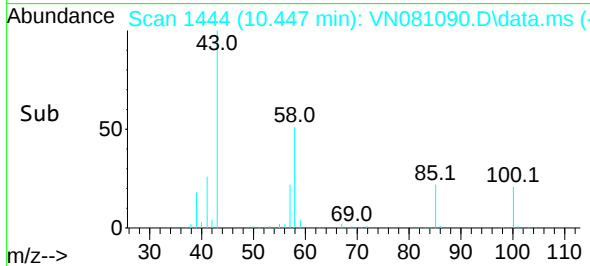
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



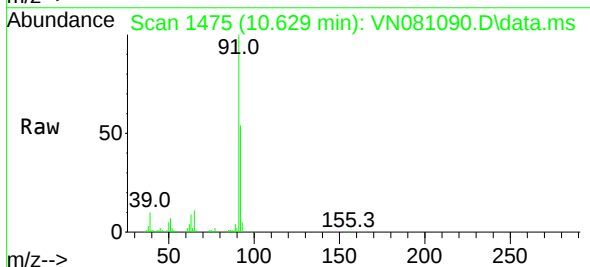
Tgt Ion: 43 Resp: 565448
Ion Ratio Lower Upper
43 100
58 40.3 29.4 44.0

Manual Integrations
APPROVED

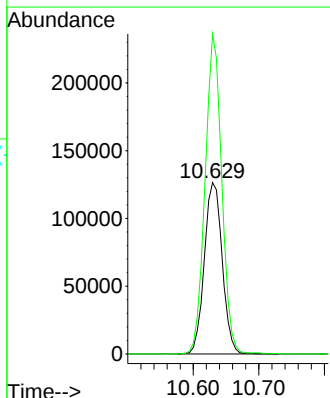
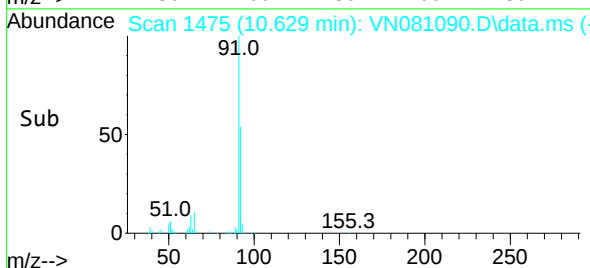
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

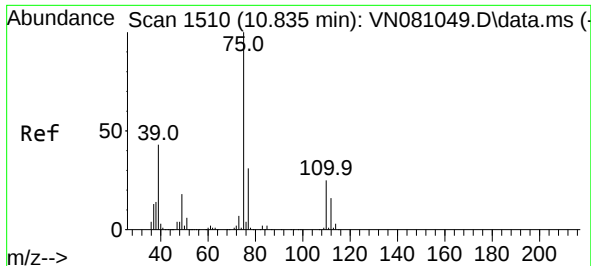


#52
Toluene
Concen: 19.215 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



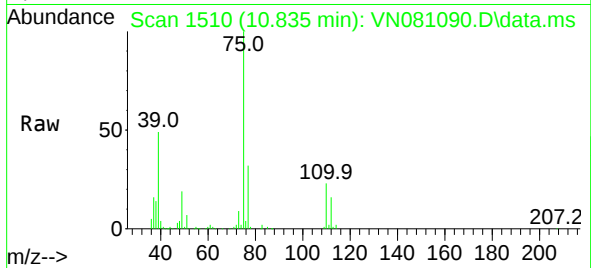
Tgt Ion: 92 Resp: 239965
Ion Ratio Lower Upper
92 100
91 174.4 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 20.056 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081090.D
 Acq: 20 Feb 2024 11:46

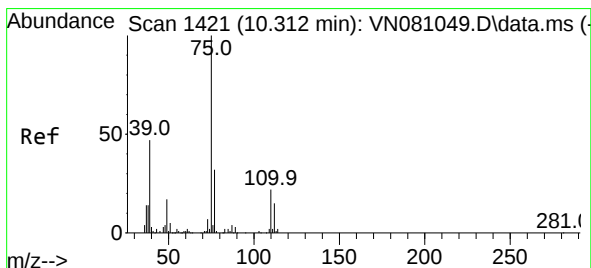
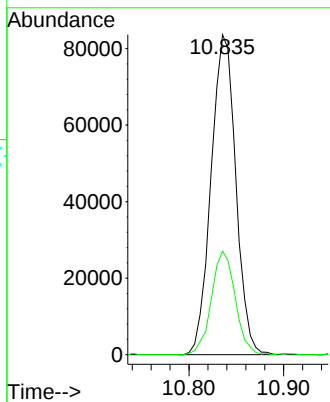
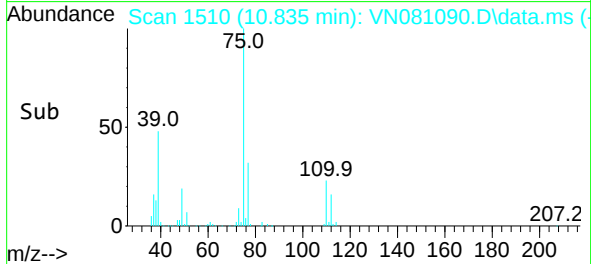
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBS01



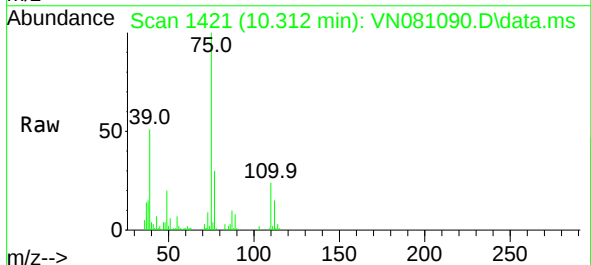
Tgt Ion: 75 Resp: 151768
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.5 38.3

Manual Integrations
 APPROVED

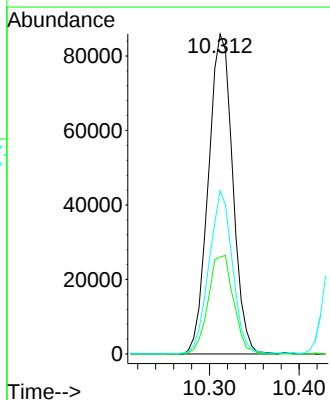
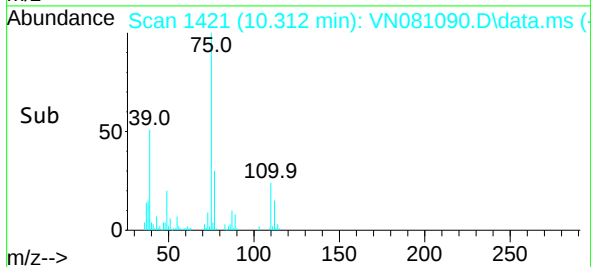
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

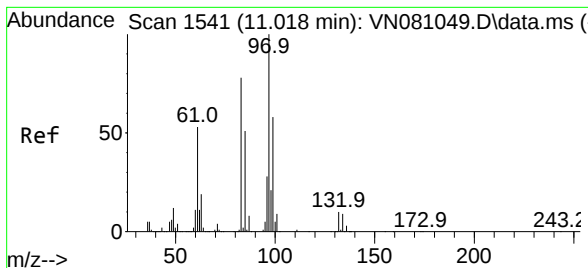


#54
 cis-1,3-Dichloropropene
 Concen: 19.791 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081090.D
 Acq: 20 Feb 2024 11:46



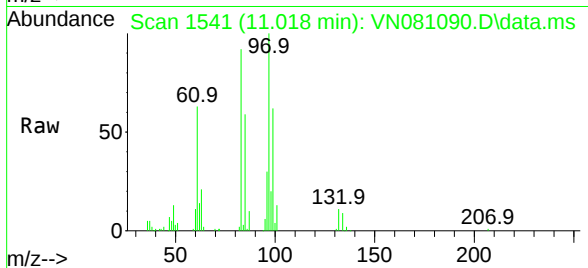
Tgt Ion: 75 Resp: 161808
 Ion Ratio Lower Upper
 75 100
 77 30.3 23.3 34.9
 39 51.0 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 18.831 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

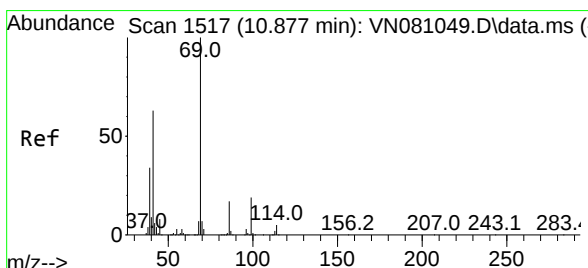
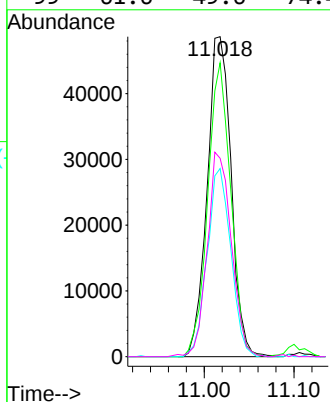
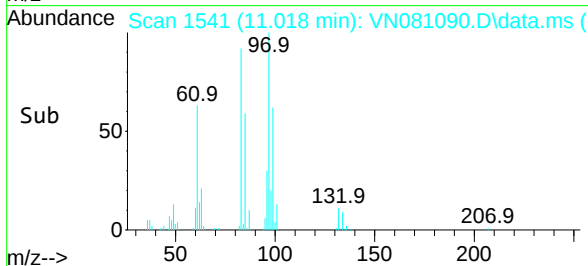
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



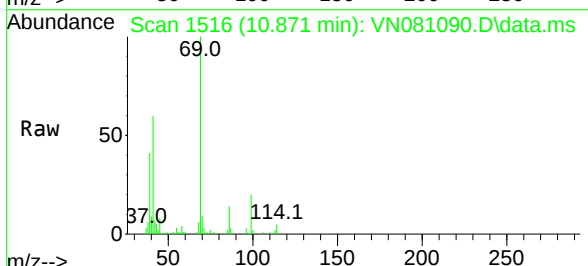
Tgt Ion: 97 Resp: 9045
Ion Ratio Lower Upper
97 100
83 91.8 72.9 109.3
85 58.8 50.2 75.2
99 61.6 49.6 74.4

Manual Integrations
APPROVED

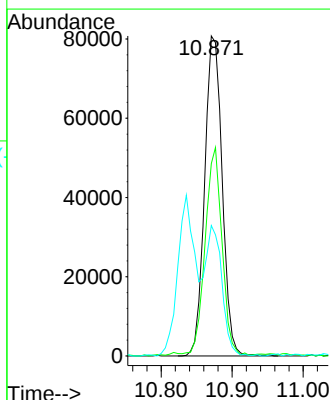
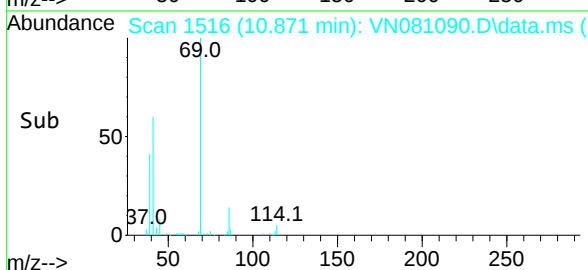
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#56
Ethyl methacrylate
Concen: 18.886 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



Tgt Ion: 69 Resp: 138643
Ion Ratio Lower Upper
69 100
41 61.9 61.0 91.6
39 35.4 31.8 47.6





#57

1,3-Dichloropropane

Concen: 19.163 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081090.D

Acq: 20 Feb 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

Tgt Ion: 76 Resp: 159154

Ion Ratio Lower Upper

76 100

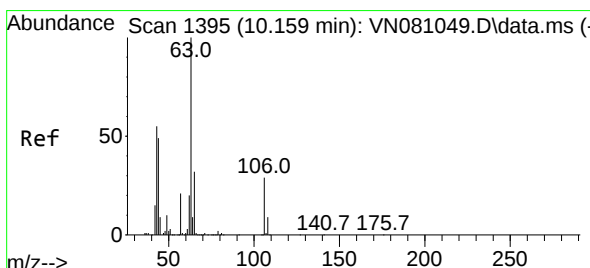
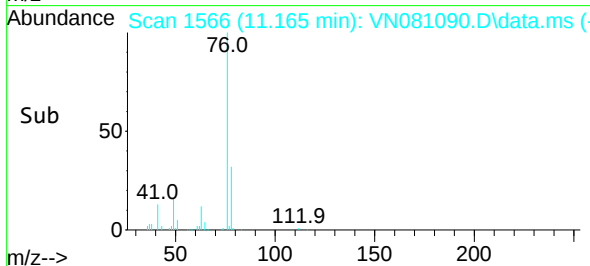
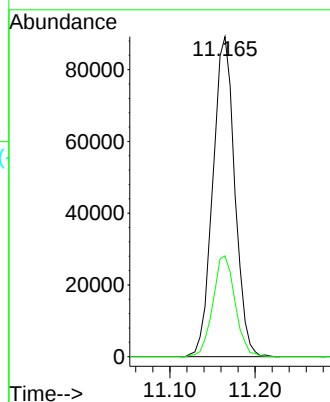
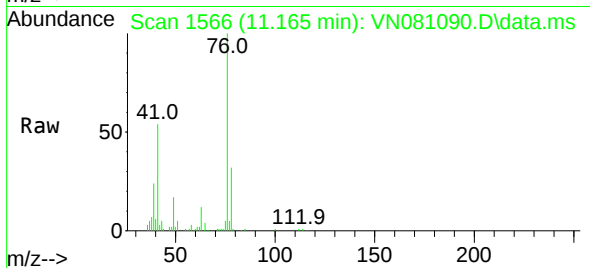
78 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#58

2-Chloroethyl Vinyl ether

Concen: 89.493 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081090.D

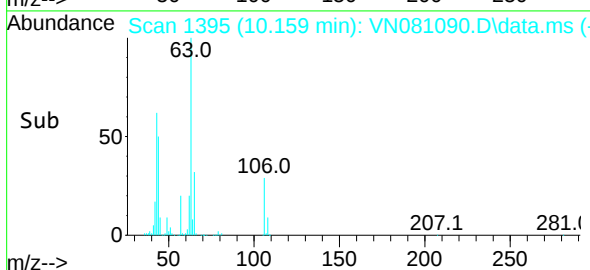
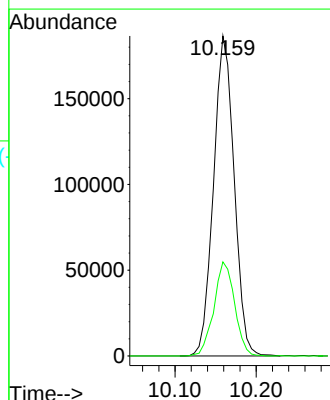
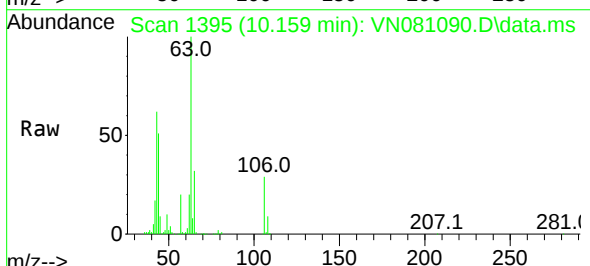
Acq: 20 Feb 2024 11:46

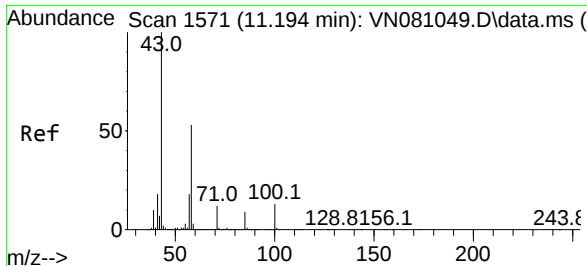
Tgt Ion: 63 Resp: 329635

Ion Ratio Lower Upper

63 100

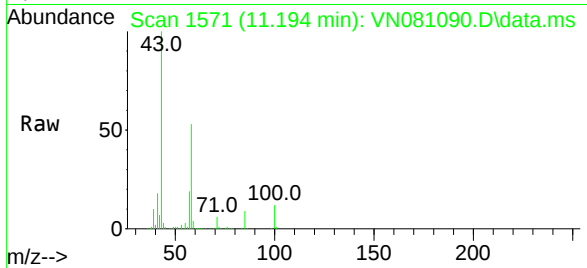
106 29.5 18.6 28.0#





#59
2-Hexanone
Concen: 83.539 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

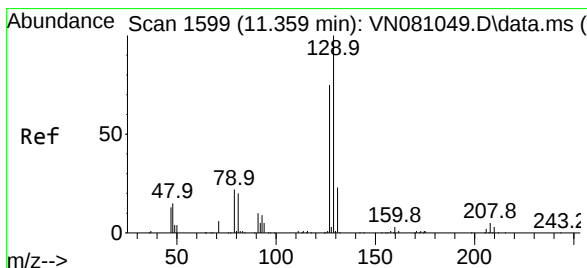
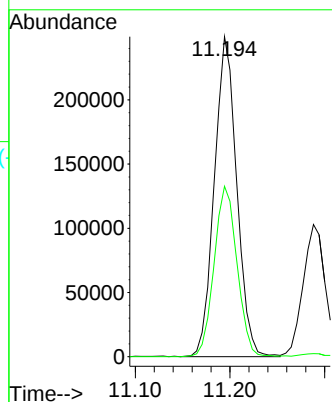
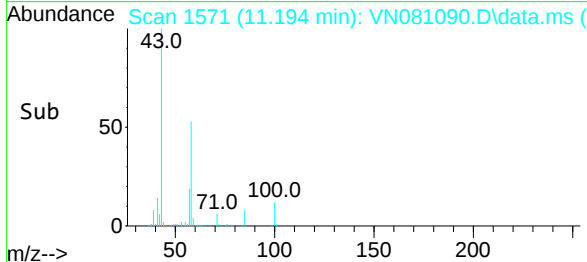
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



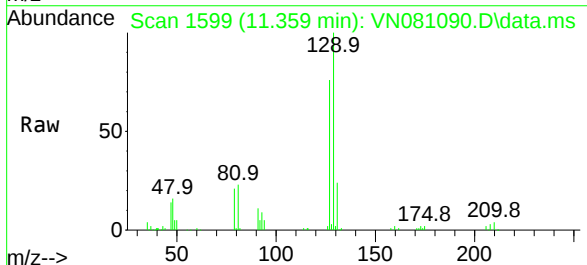
Tgt Ion: 43 Resp: 40985
Ion Ratio Lower Upper
43 100
58 54.4 25.9 77.8

Manual Integrations
APPROVED

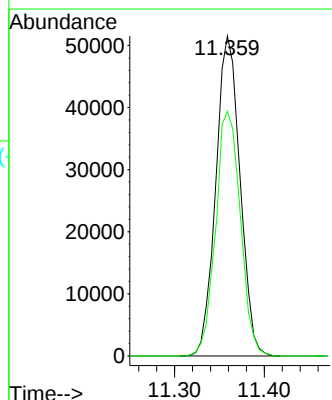
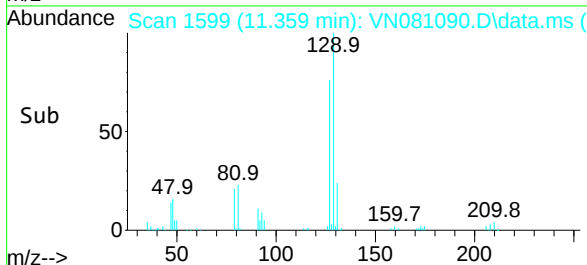
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

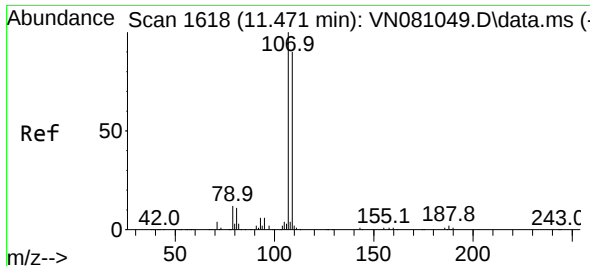


#60
Dibromochloromethane
Concen: 18.910 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



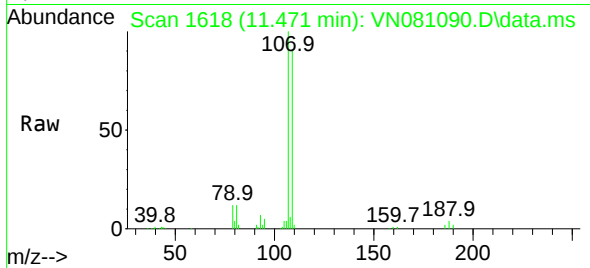
Tgt Ion:129 Resp: 96496
Ion Ratio Lower Upper
129 100
127 78.1 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.188 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

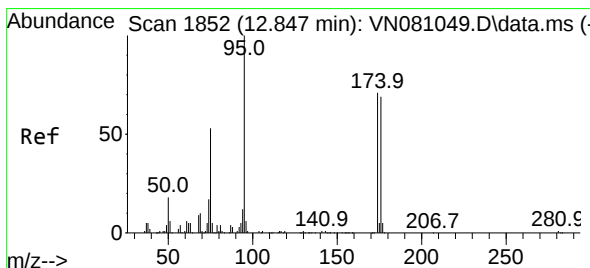
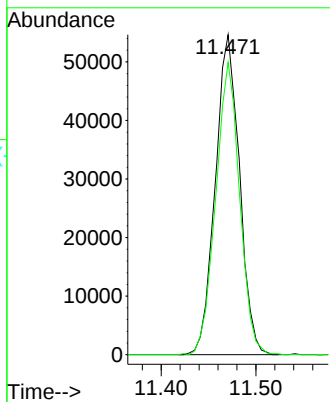
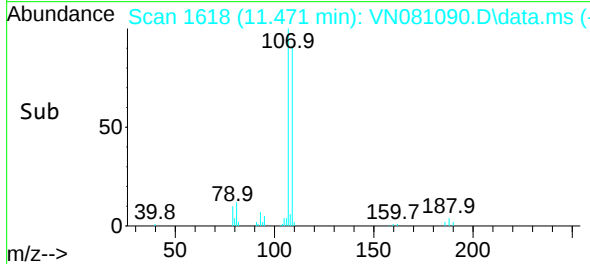
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



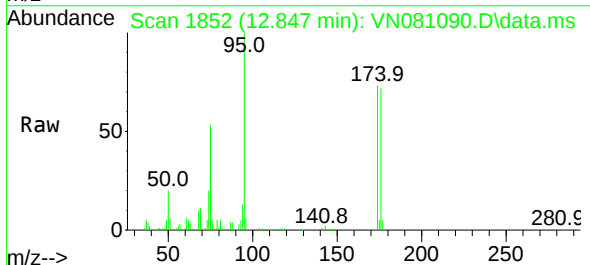
Tgt Ion:107 Resp: 96919
Ion Ratio Lower Upper
107 100
109 90.4 73.4 110.2

Manual Integrations
APPROVED

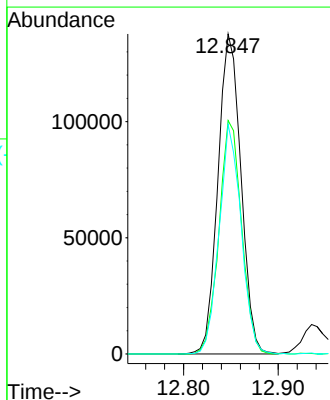
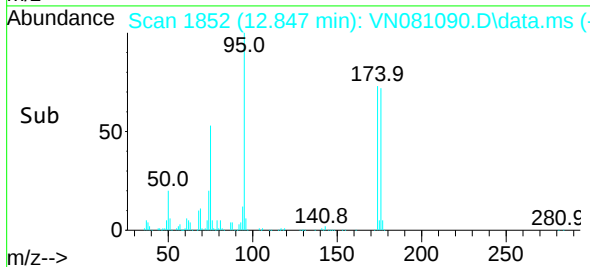
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

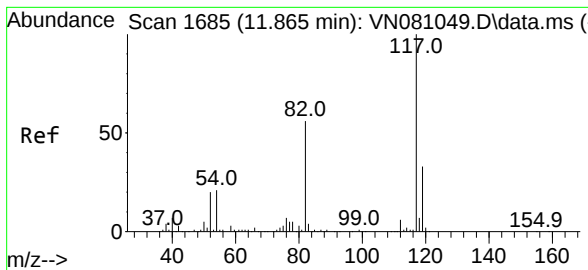


#62
4-Bromofluorobenzene
Concen: 43.776 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



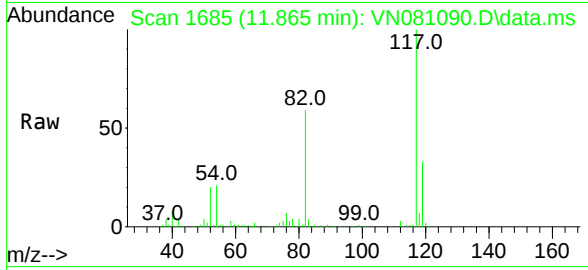
Tgt Ion: 95 Resp: 232409
Ion Ratio Lower Upper
95 100
174 71.8 0.0 120.4
176 68.5 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

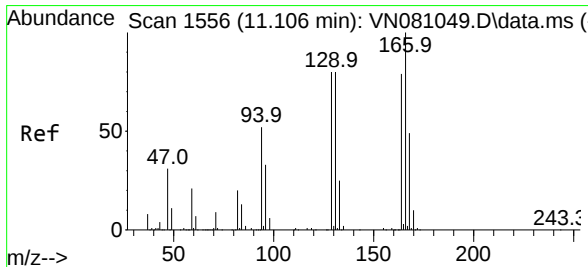
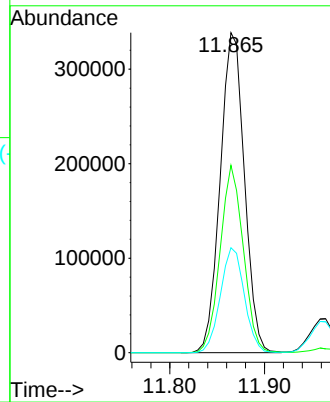
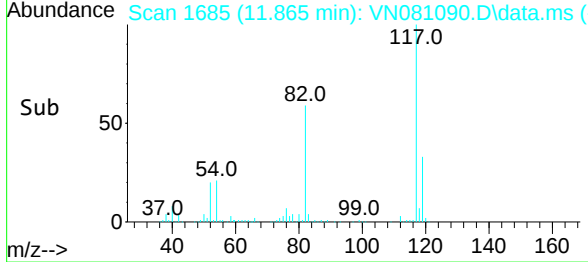
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion:117 Resp: 602198
Ion Ratio Lower Upper
117 100
82 58.5 52.7 79.1
119 32.8 25.3 37.9

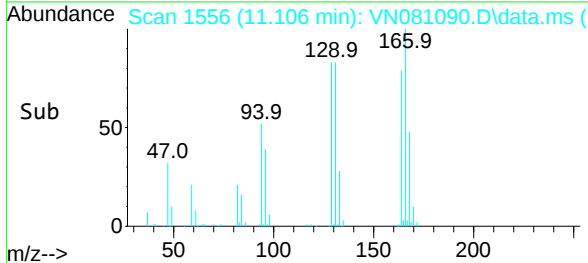
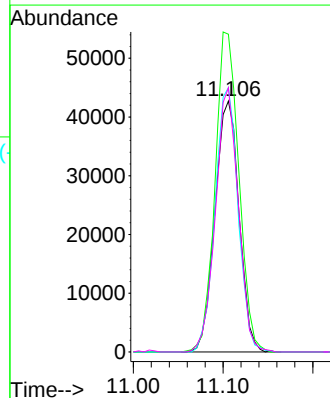
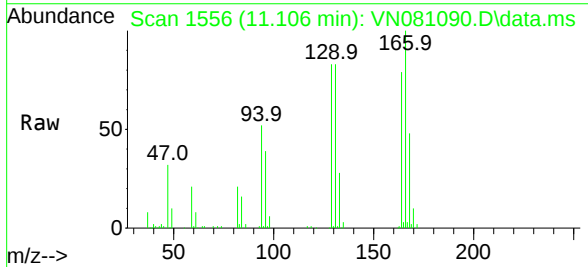
Manual Integrations
APPROVED

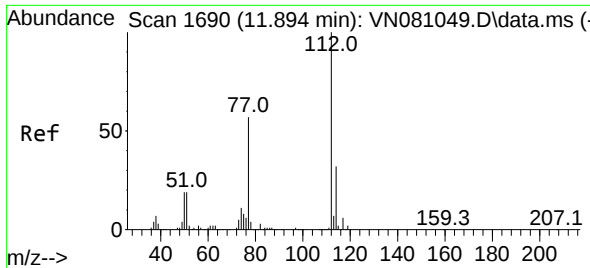
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#64
Tetrachloroethene
Concen: 19.373 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

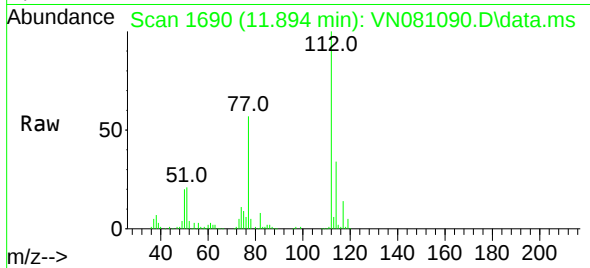
Tgt Ion:164 Resp: 79624
Ion Ratio Lower Upper
164 100
166 126.6 105.8 158.6
129 105.3 89.6 134.4
131 105.3 84.9 127.3





#65
Chlorobenzene
Concen: 19.142 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

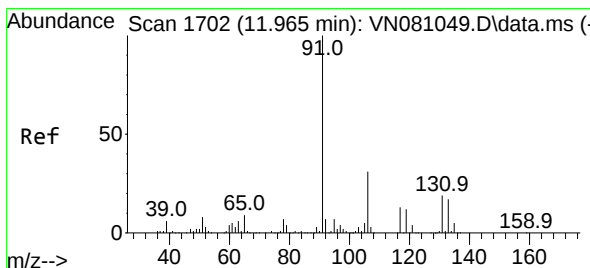
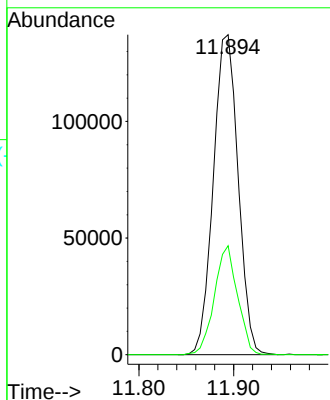
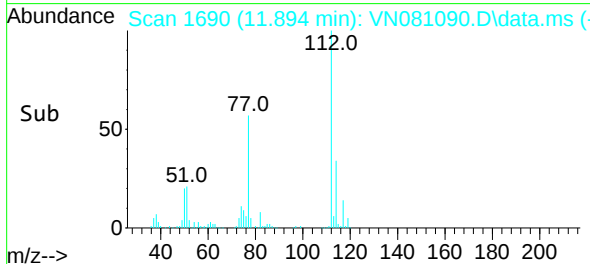
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



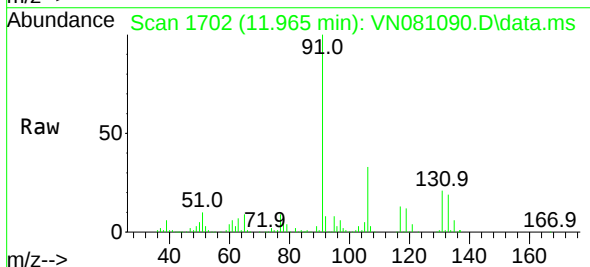
Tgt Ion:112 Resp: 24948
Ion Ratio Lower Upper
112 100
114 34.0 23.7 35.5

Manual Integrations
APPROVED

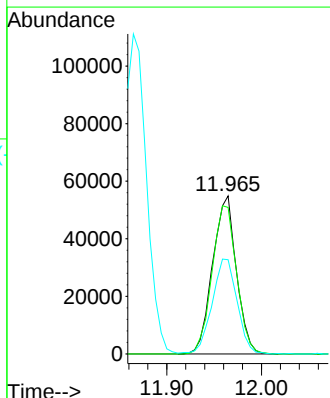
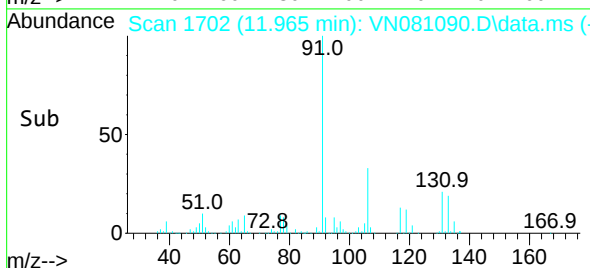
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

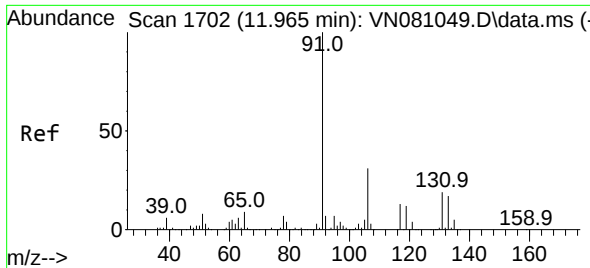


#66
1,1,1,2-Tetrachloroethane
Concen: 20.420 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



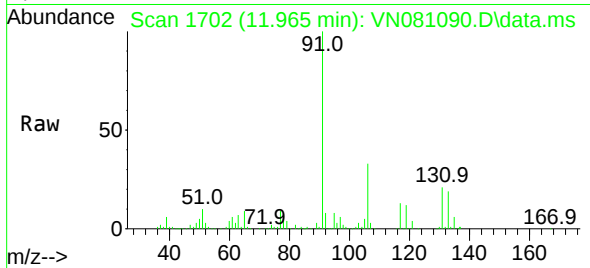
Tgt Ion:131 Resp: 95591
Ion Ratio Lower Upper
131 100
133 97.0 46.8 140.3
119 63.2 34.6 103.9





#67
Ethyl Benzene
Concen: 19.312 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

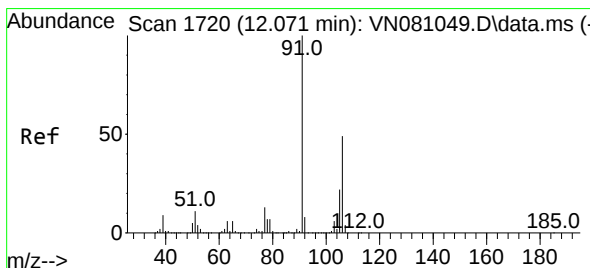
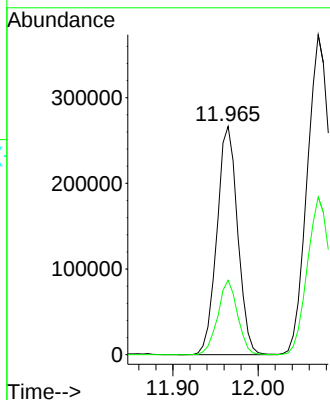
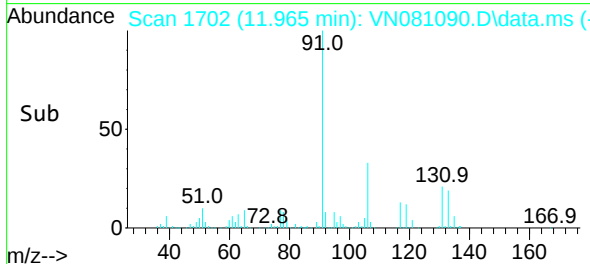
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



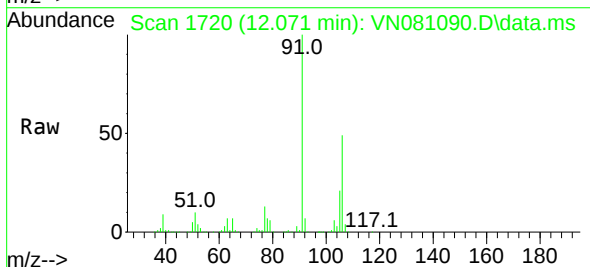
Tgt Ion: 91 Resp: 450407
Ion Ratio Lower Upper
91 100
106 32.6 23.8 35.6

Manual Integrations
APPROVED

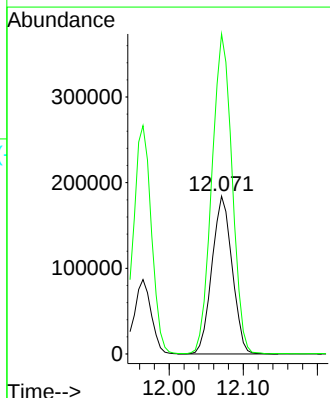
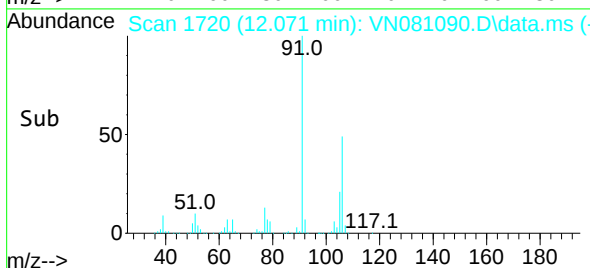
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

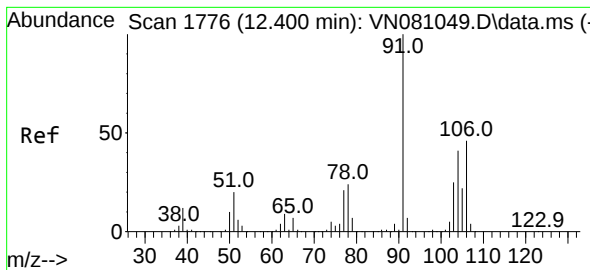


#68
m/p-Xylenes
Concen: 38.937 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



Tgt Ion:106 Resp: 348075
Ion Ratio Lower Upper
106 100
91 203.3 169.0 253.6





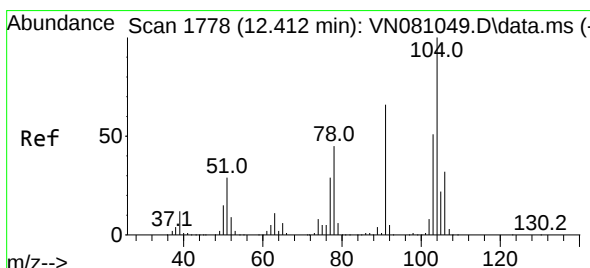
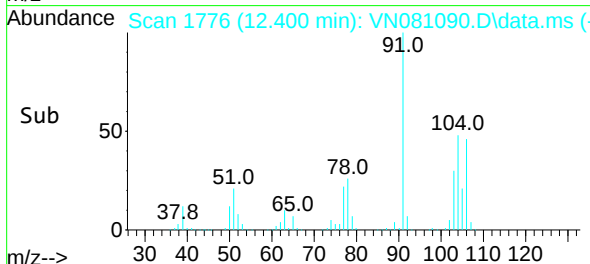
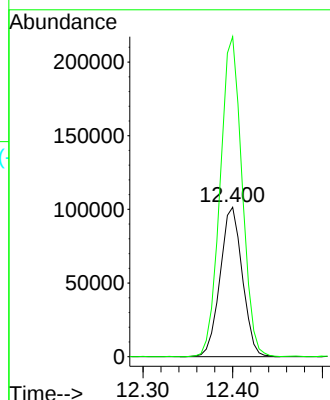
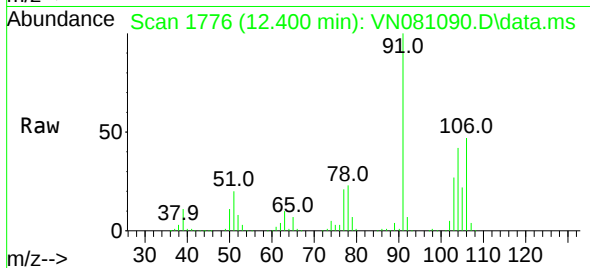
#69
o-Xylene
Concen: 19.659 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion:106 Resp: 174200
Ion Ratio Lower Upper
106 100
91 211.3 112.1 336.3

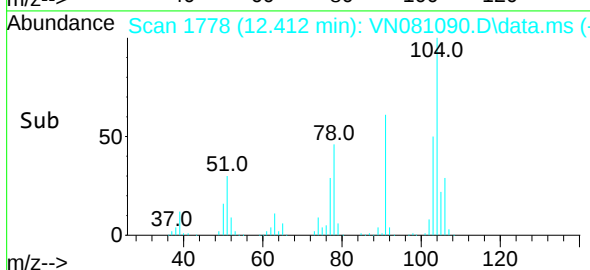
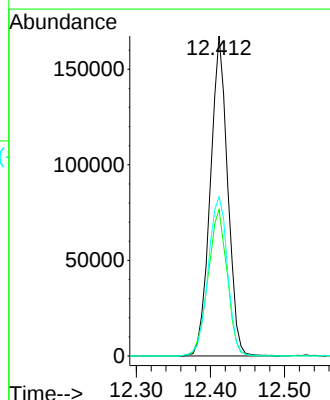
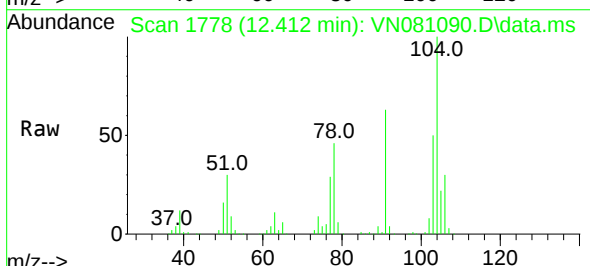
Manual Integrations
APPROVED

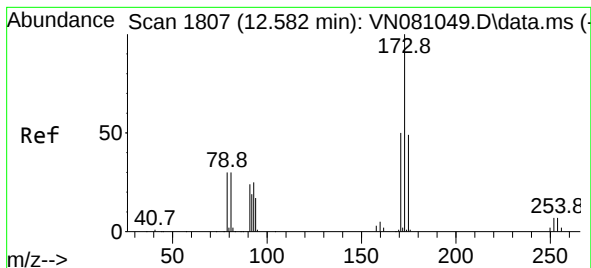
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#70
Styrene
Concen: 19.397 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

Tgt Ion:104 Resp: 272368
Ion Ratio Lower Upper
104 100
78 50.2 43.8 65.8
103 55.2 44.2 66.2





#71

Bromoform

Concen: 19.731 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081090.D

Acq: 20 Feb 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

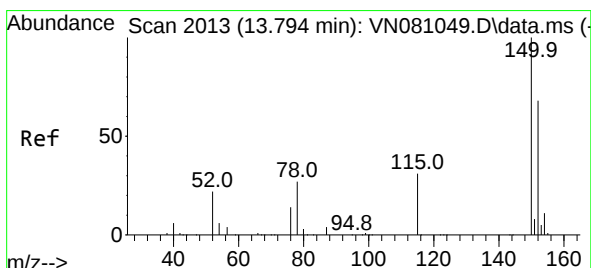
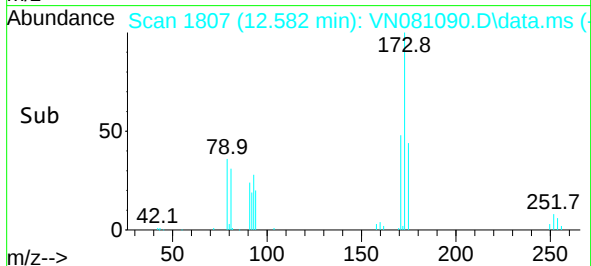
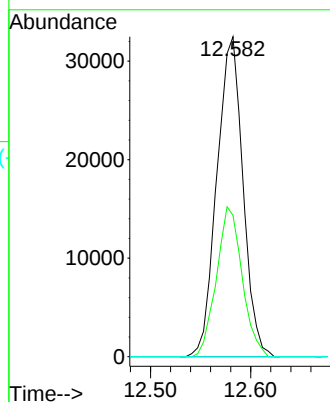
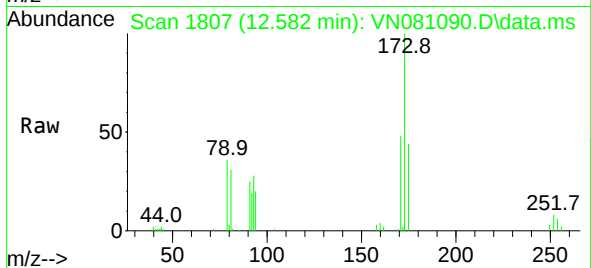
Tgt Ion:	173	Resp:	5860
Ion Ratio	Lower	Upper	
173	100		
175	46.1	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

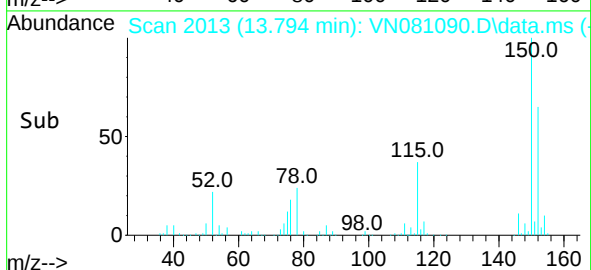
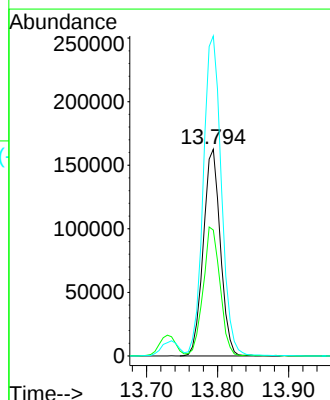
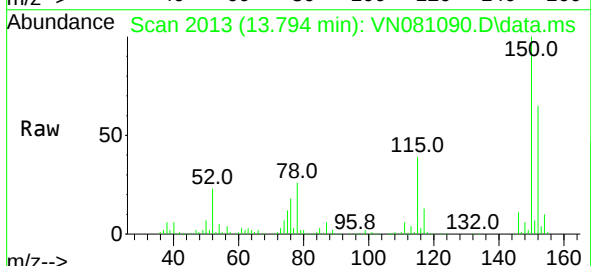
RT: 13.794 min Scan# 2013

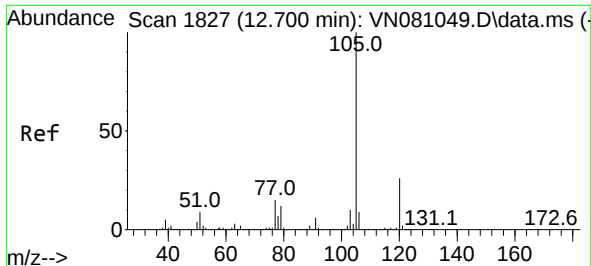
Delta R.T. -0.000 min

Lab File: VN081090.D

Acq: 20 Feb 2024 11:46

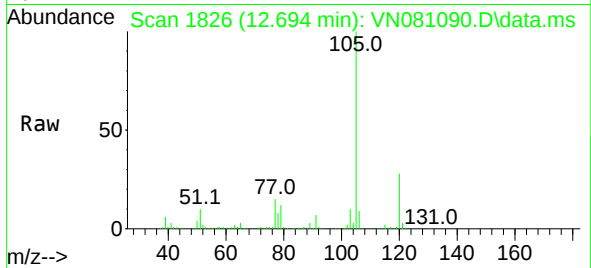
Tgt Ion:	152	Resp:	271820
Ion Ratio	Lower	Upper	
152	100		
115	61.2	32.3	96.8
150	164.0	0.0	339.8





#73
Isopropylbenzene
Concen: 18.631 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

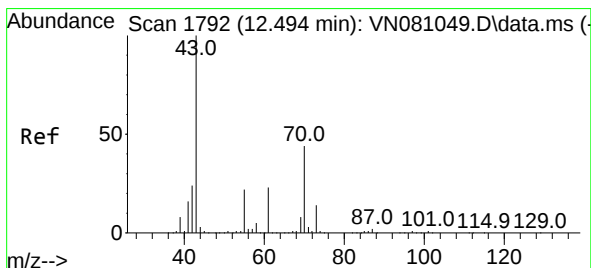
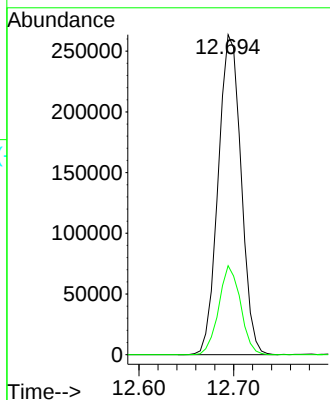
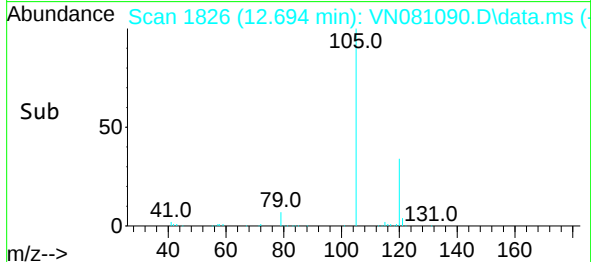
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion:105 Resp: 443090
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.6

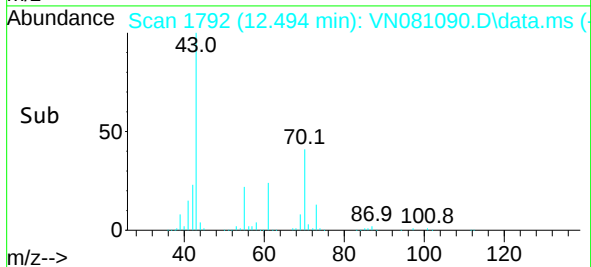
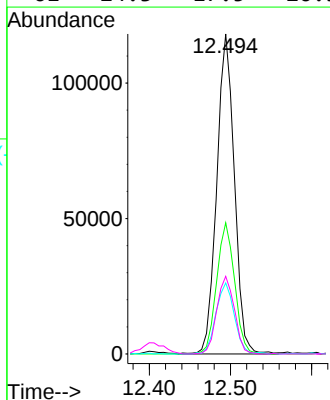
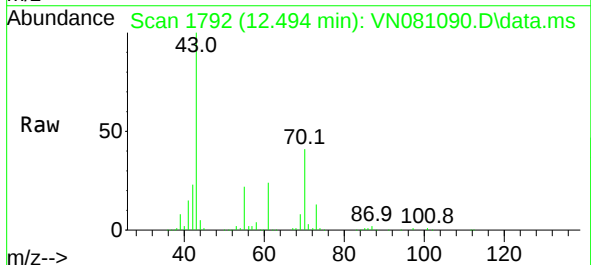
Manual Integrations
APPROVED

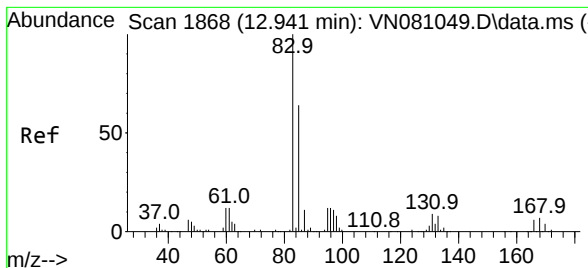
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#74
N-ethyl acetate
Concen: 17.769 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

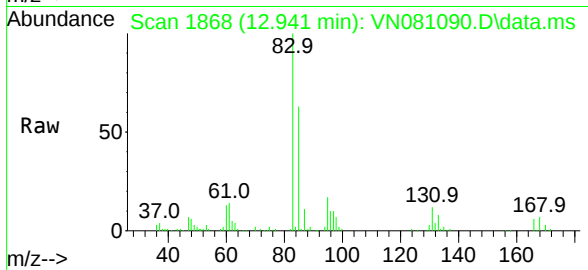
Tgt Ion: 43 Resp: 178601
Ion Ratio Lower Upper
43 100
70 41.7 30.1 45.1
55 23.2 17.0 25.4
61 24.3 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 18.692 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

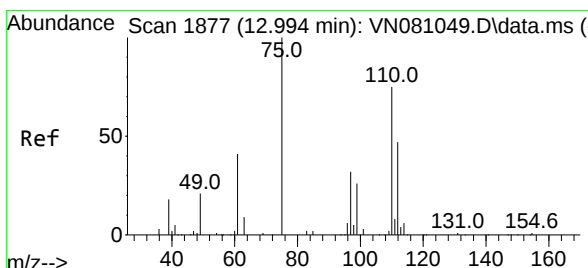
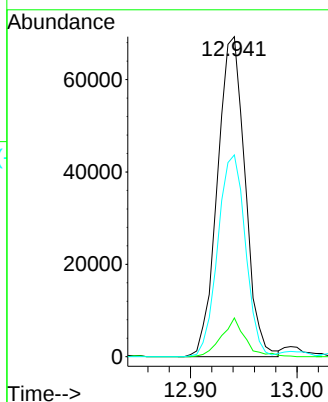
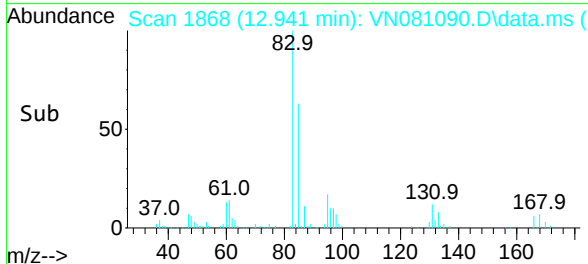
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



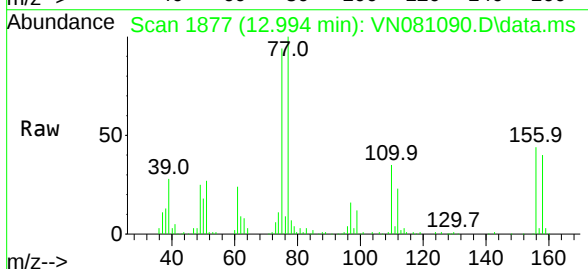
Tgt Ion: 83 Resp: 124998
Ion Ratio Lower Upper
83 100
131 10.4 4.1 12.3
85 62.8 32.1 96.3

Manual Integrations
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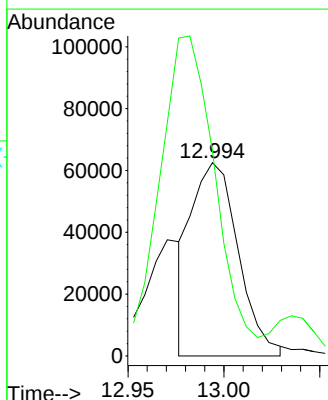
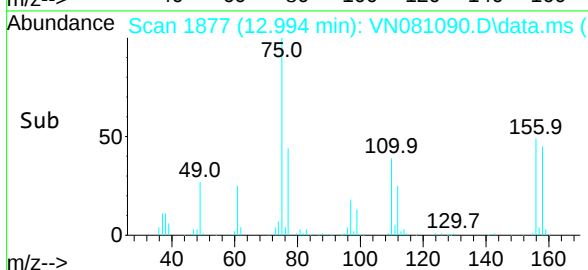
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

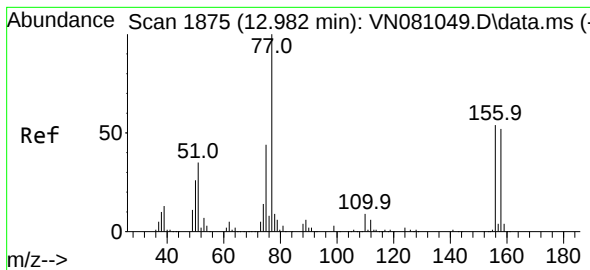


#76
1,2,3-Trichloropropane
Concen: 17.166 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



Tgt Ion: 75 Resp: 106016
Ion Ratio Lower Upper
75 100
77 197.8 91.0 272.8





#77

Bromobenzene

Concen: 18.445 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081090.D

Acq: 20 Feb 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

Tgt Ion:156 Resp: 97810

Ion Ratio Lower Upper

156 100

77 214.4 138.1 414.3

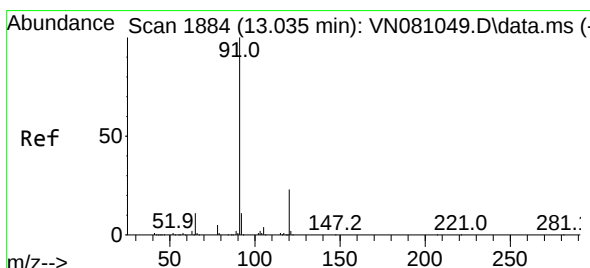
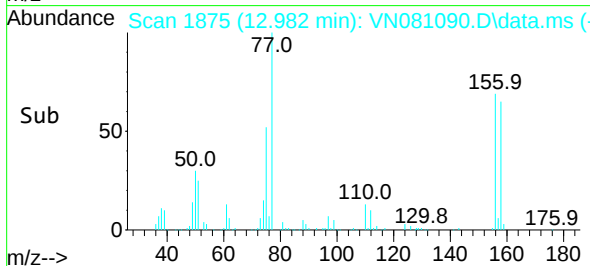
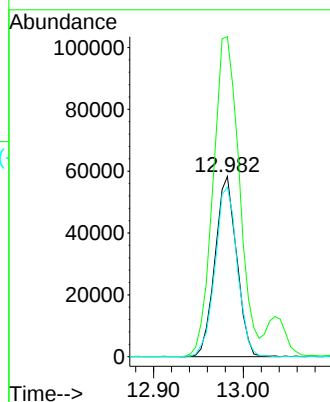
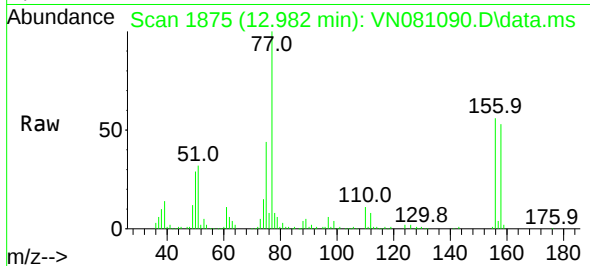
158 96.9 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#78

n-propylbenzene

Concen: 18.644 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081090.D

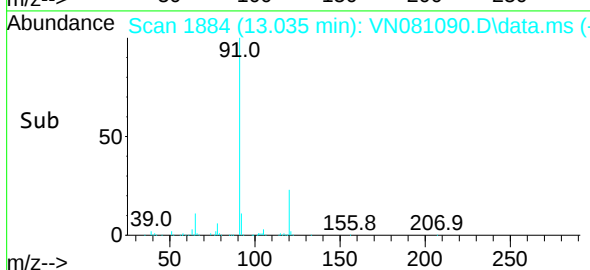
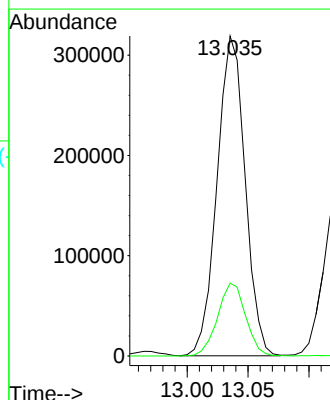
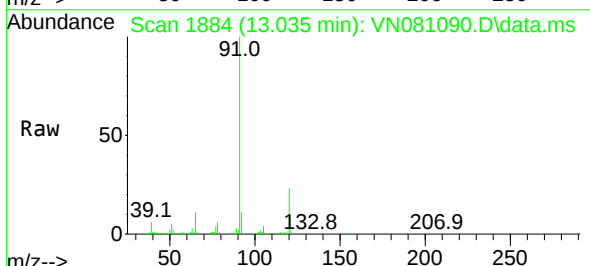
Acq: 20 Feb 2024 11:46

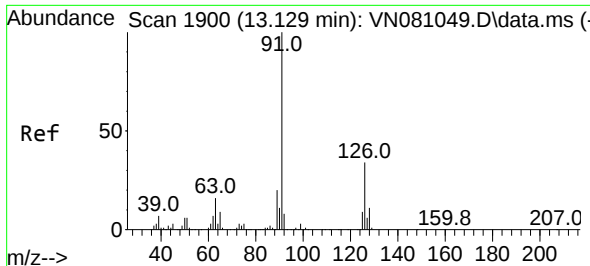
Tgt Ion: 91 Resp: 510448

Ion Ratio Lower Upper

91 100

120 22.7 10.3 30.9





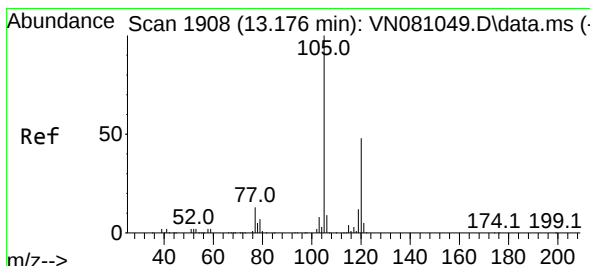
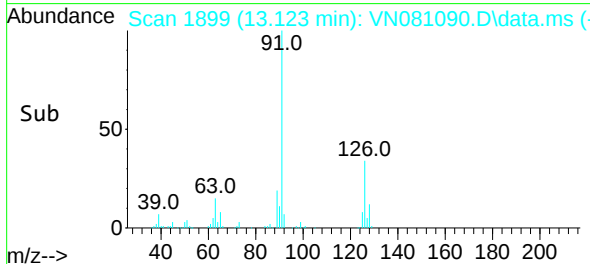
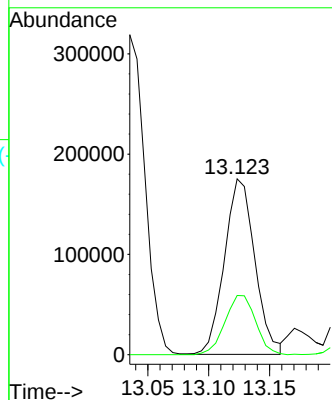
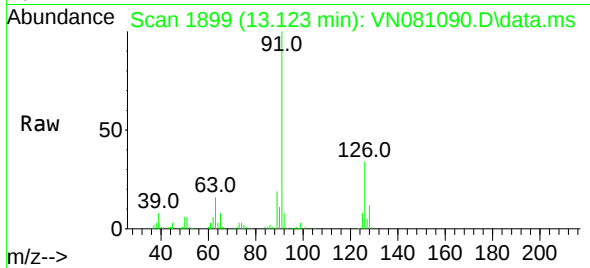
#79
2-Chlorotoluene
Concen: 18.162 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion: 91 Resp: 30499
Ion Ratio Lower Upper
91 100
126 34.0 14.8 44.4

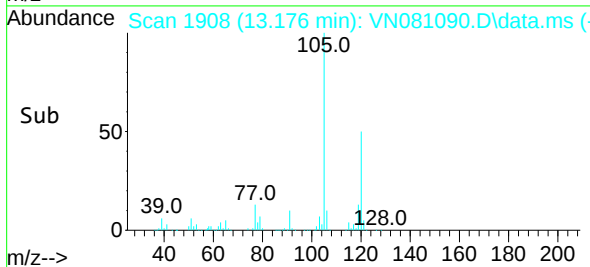
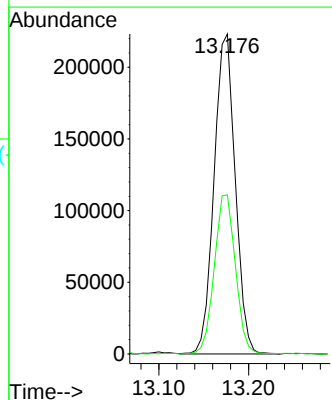
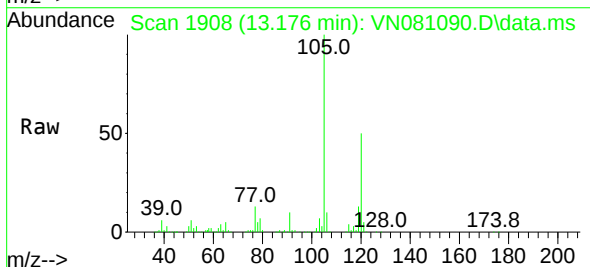
Manual Integrations
APPROVED

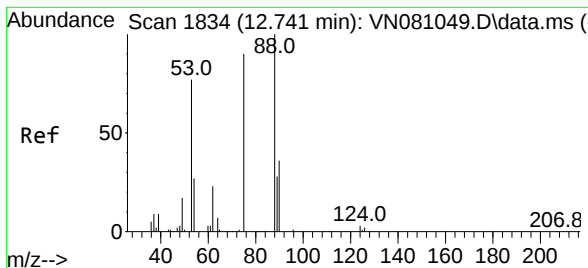
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.941 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

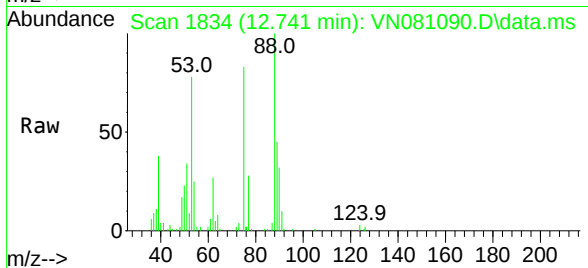
Tgt Ion:105 Resp: 365240
Ion Ratio Lower Upper
105 100
120 49.7 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 16.624 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

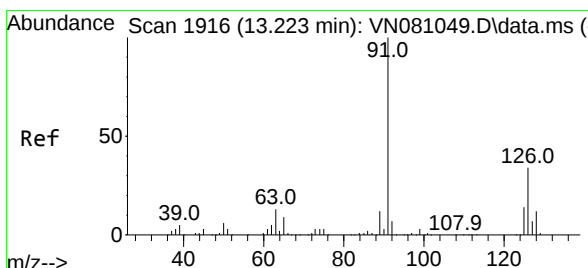
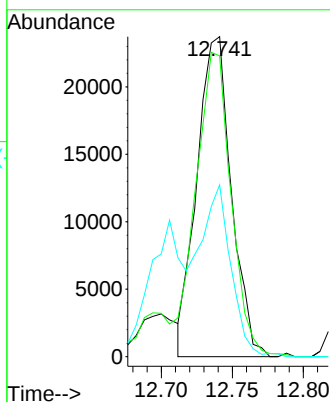
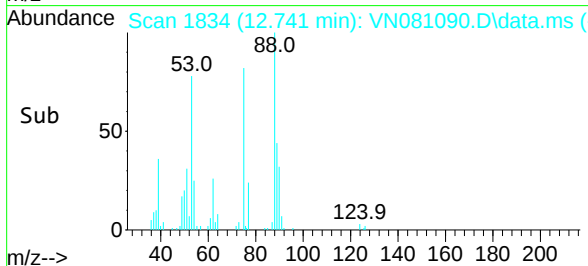
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 75 Resp: 39889
Ion Ratio Lower Upper
75 100
53 98.2 71.4 107.2
89 48.8 33.4 50.0

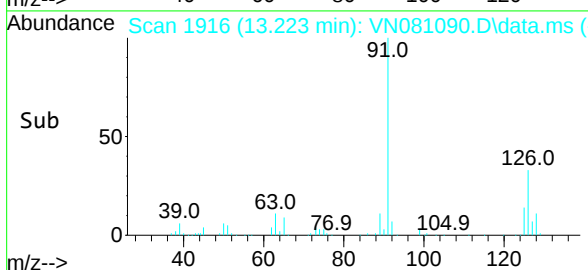
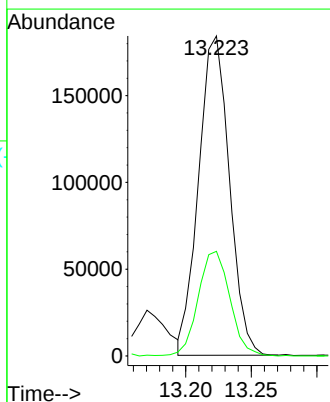
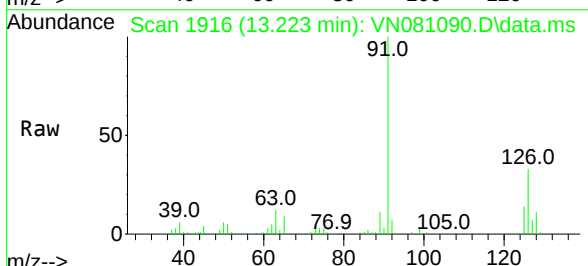
Manual Integrations
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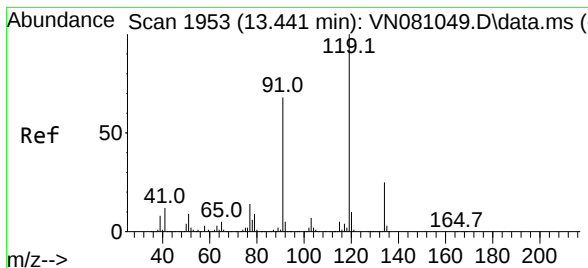
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#82
4-Chlorotoluene
Concen: 18.298 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

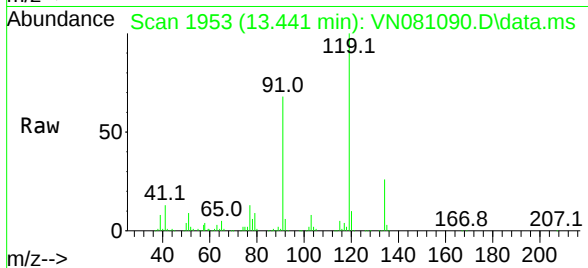
Tgt Ion: 91 Resp: 300446
Ion Ratio Lower Upper
91 100
126 33.8 15.3 45.9





#83
tert-Butylbenzene
Concen: 18.814 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

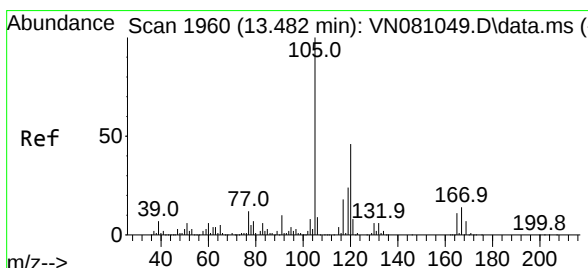
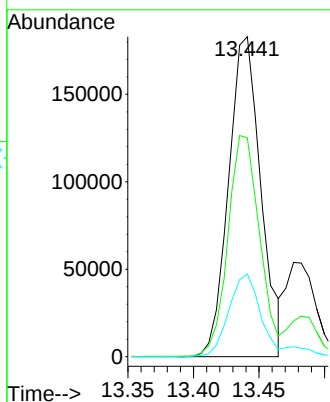
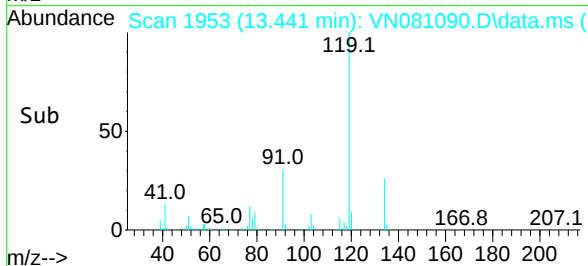
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



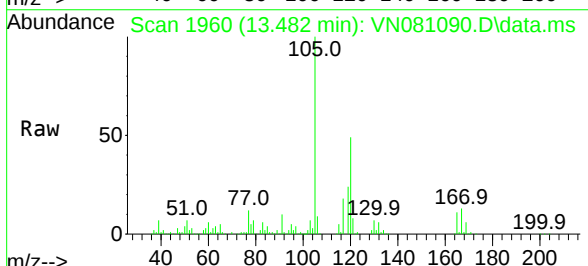
Tgt Ion:119 Resp: 31368
Ion Ratio Lower Upper
119 100
91 68.0 36.8 110.4
134 25.5 12.4 37.4

Manual Integrations
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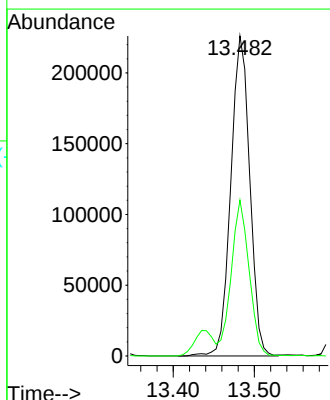
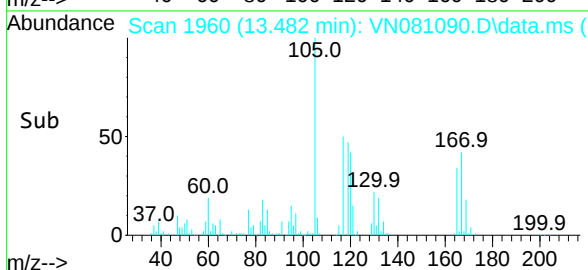
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

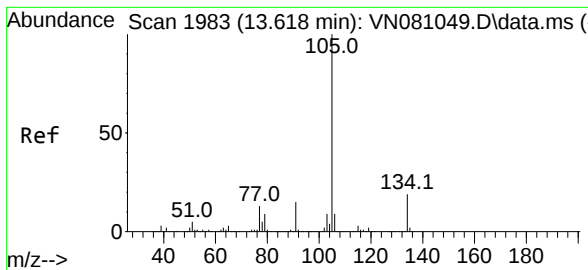


#84
1,2,4-Trimethylbenzene
Concen: 19.062 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



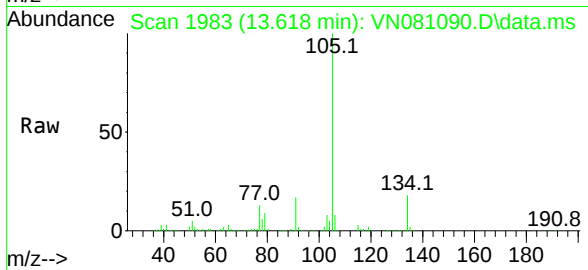
Tgt Ion:105 Resp: 366277
Ion Ratio Lower Upper
105 100
120 45.9 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 19.171 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081090.D
 Acq: 20 Feb 2024 11:46

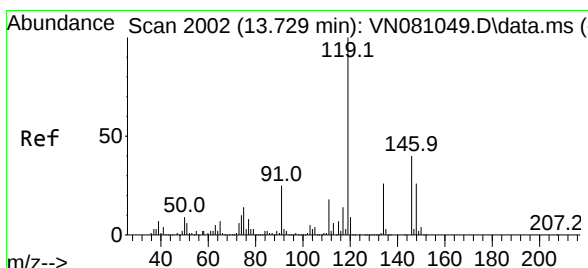
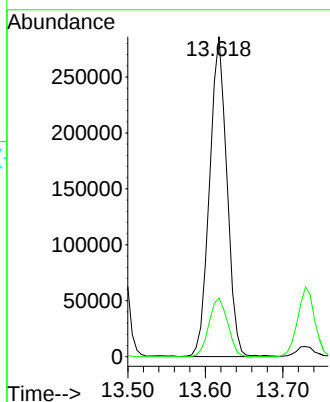
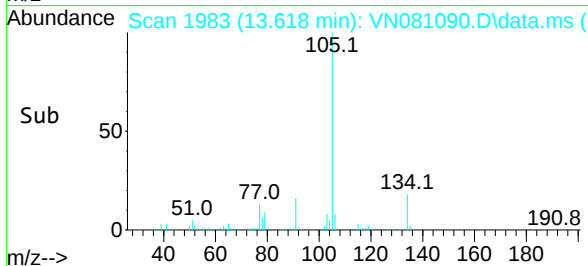
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBS01



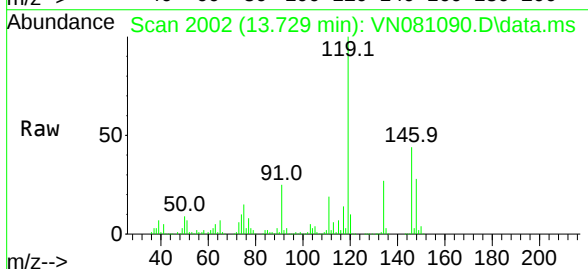
Tgt Ion:105 Resp: 44436
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.8

Manual Integrations
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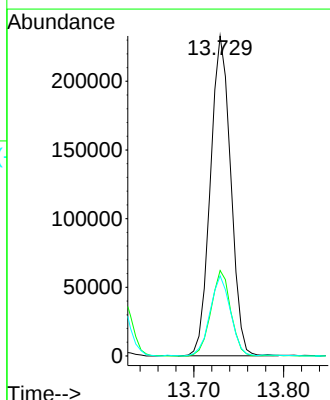
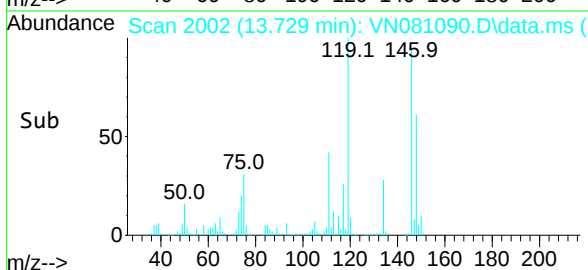
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

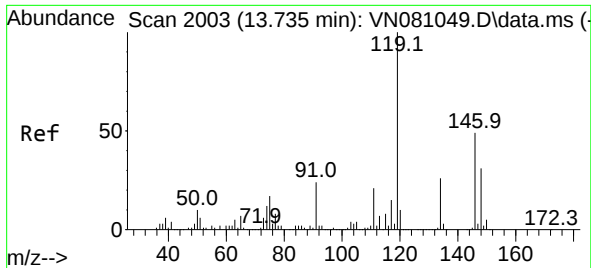


#86
 p-Isopropyltoluene
 Concen: 19.027 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081090.D
 Acq: 20 Feb 2024 11:46



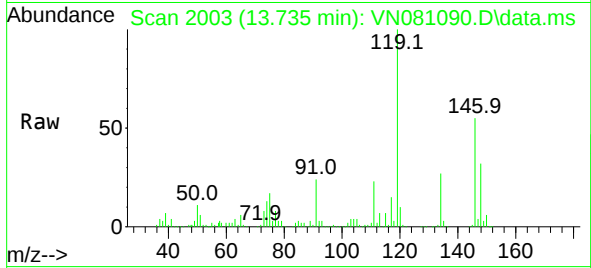
Tgt Ion:119 Resp: 366337
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.2
 91 25.3 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 18.359 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081090.D
 Acq: 20 Feb 2024 11:46

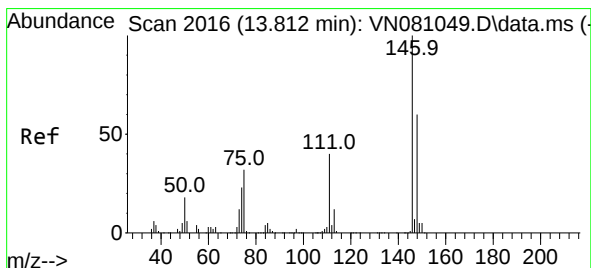
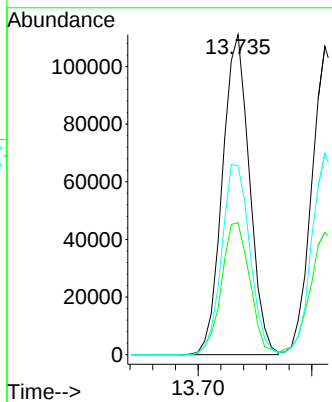
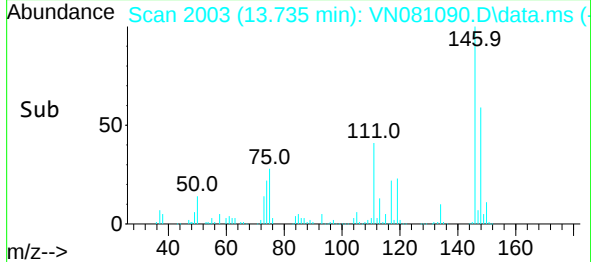
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBS01



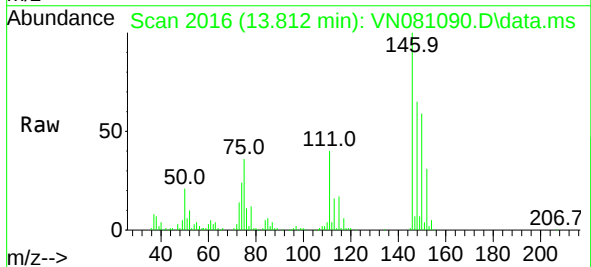
Tgt Ion:146 Resp: 18394
 Ion Ratio Lower Upper
 146 100
 111 43.1 23.9 71.7
 148 61.8 32.6 97.7

Manual Integrations
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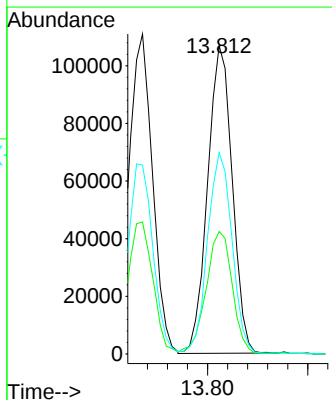
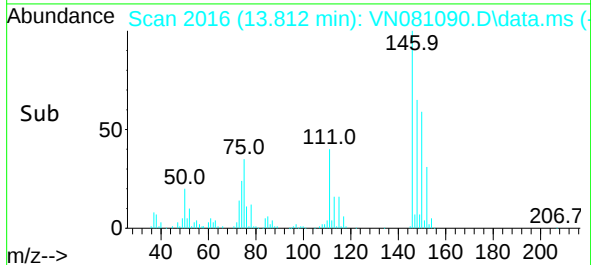
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

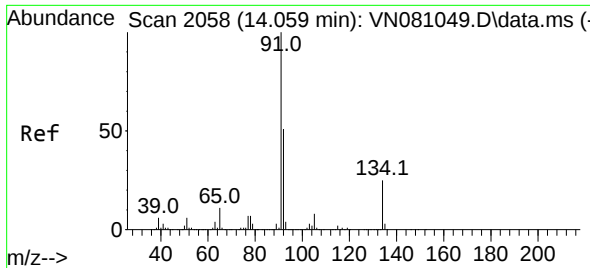


#88
 1,4-Dichlorobenzene
 Concen: 18.507 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081090.D
 Acq: 20 Feb 2024 11:46



Tgt Ion:146 Resp: 182205
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.6 67.7
 148 65.6 31.9 95.5





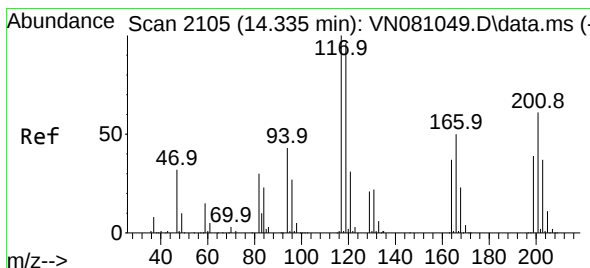
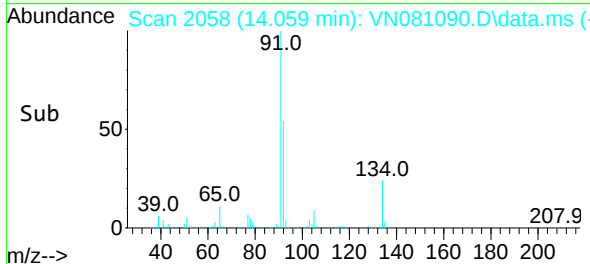
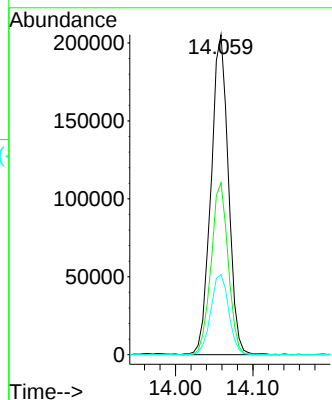
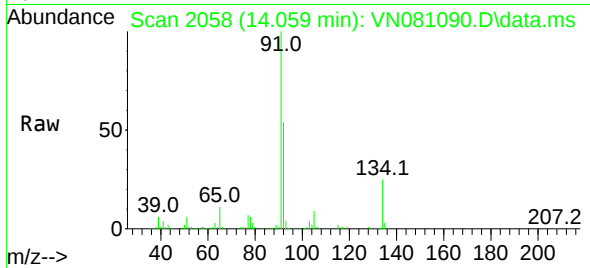
#89
n-Butylbenzene
Concen: 19.060 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion: 91 Resp: 319699
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.1
134 25.9 10.8 32.4

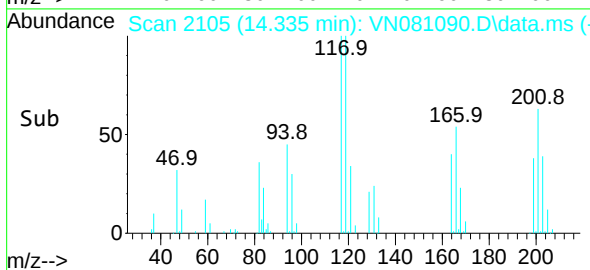
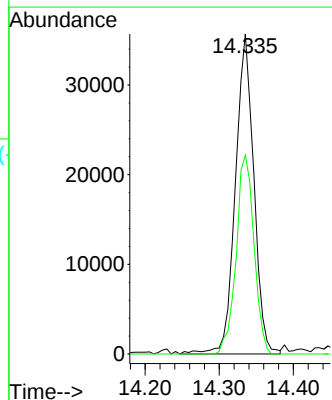
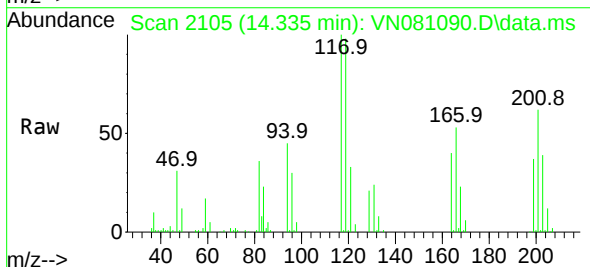
Manual Integrations
APPROVED

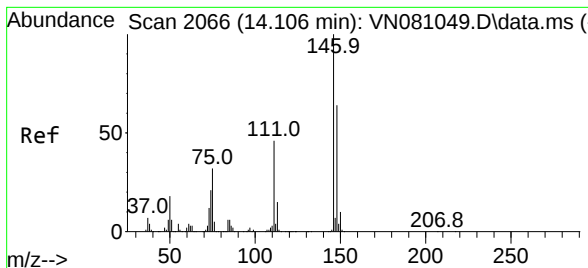
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#90
Hexachloroethane
Concen: 19.382 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

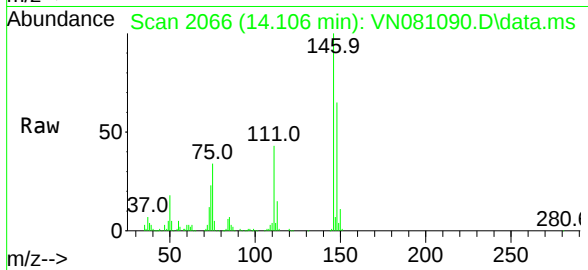
Tgt Ion:117 Resp: 61681
Ion Ratio Lower Upper
117 100
201 60.1 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 18.340 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

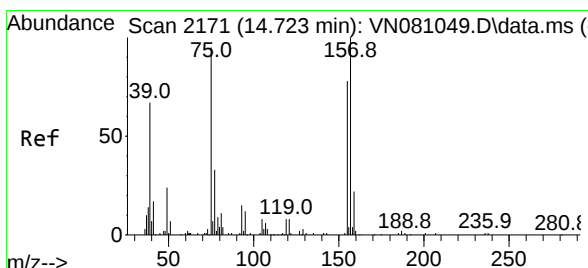
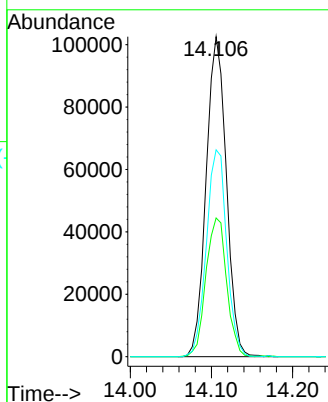
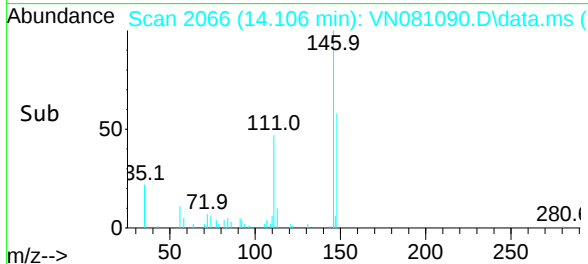
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



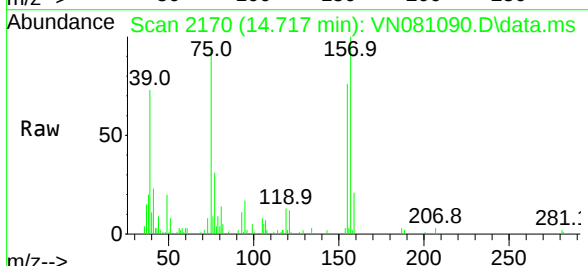
Tgt Ion:146 Resp: 17723
Ion Ratio Lower Upper
146 100
111 44.5 23.9 71.8
148 65.2 31.4 94.0

Manual Integrations
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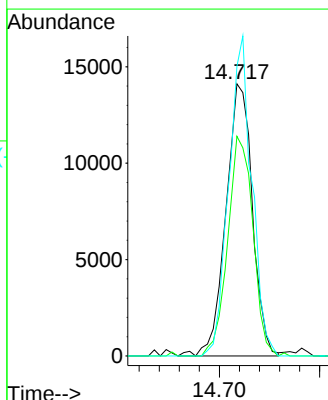
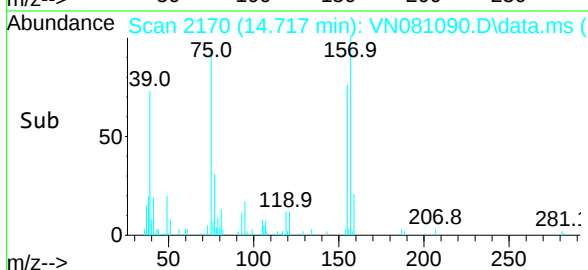
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

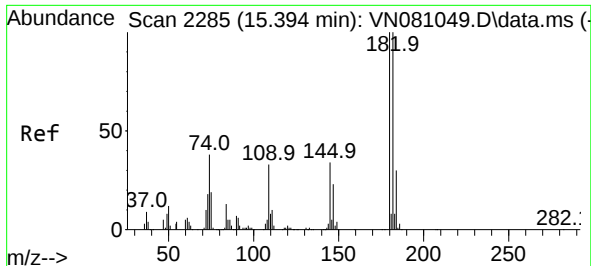


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.629 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



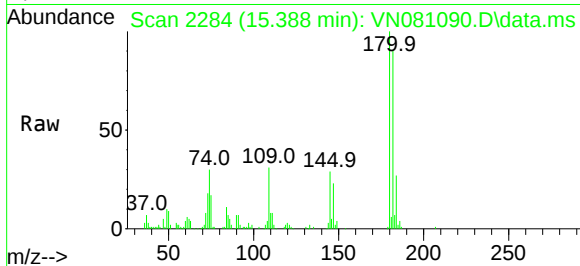
Tgt Ion: 75 Resp: 25901
Ion Ratio Lower Upper
75 100
155 77.0 31.8 95.4
157 102.3 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 18.991 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46

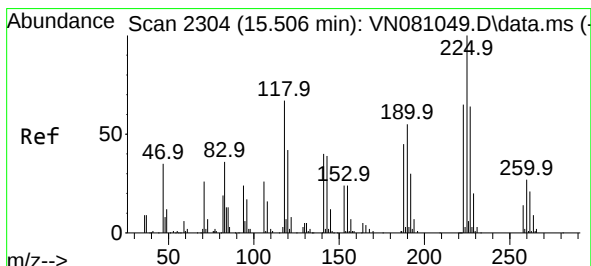
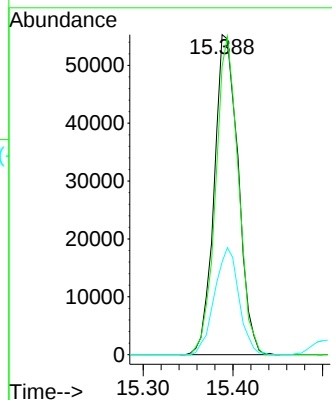
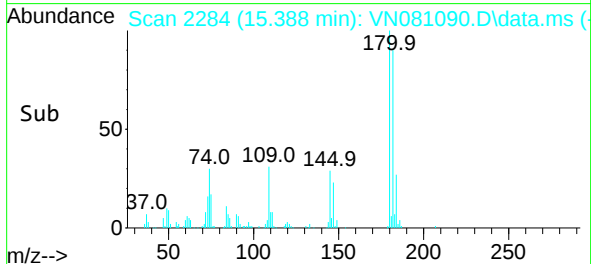
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



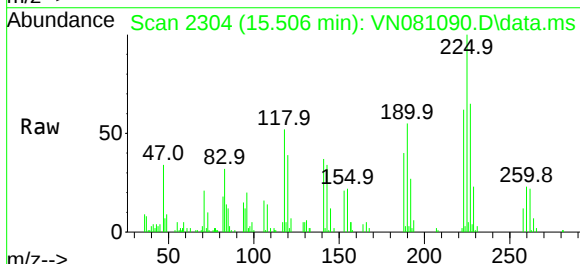
Tgt Ion:180 Resp: 102384
Ion Ratio Lower Upper
180 100
182 94.0 46.6 139.7
145 34.0 16.8 50.3

Manual Integrations
APPROVED

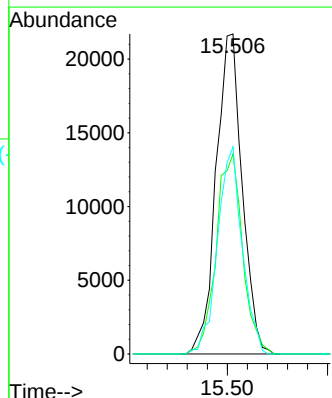
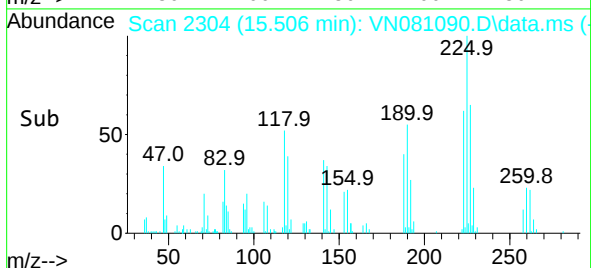
Reviewed By :John Carlone 02/21/2024
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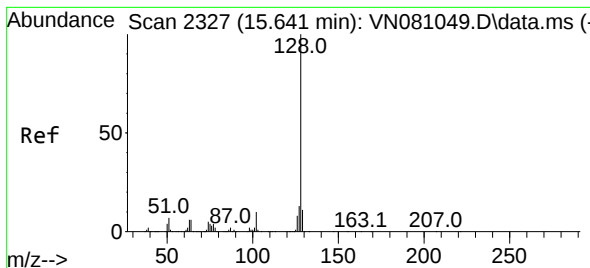


#94
Hexachlorobutadiene
Concen: 19.473 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081090.D
Acq: 20 Feb 2024 11:46



Tgt Ion:225 Resp: 39153
Ion Ratio Lower Upper
225 100
223 63.3 33.3 99.8
227 61.3 33.1 99.2





#95

Naphthalene

Concen: 18.514 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081090.D

Acq: 20 Feb 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

Tgt Ion:128 Resp: 365762

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

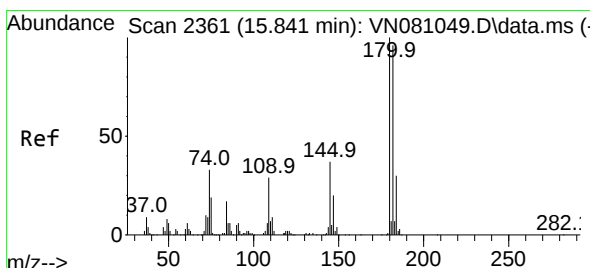
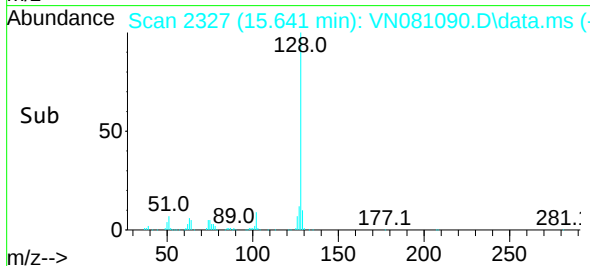
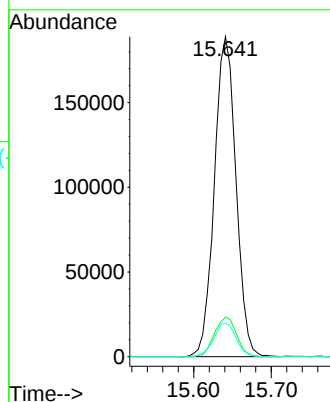
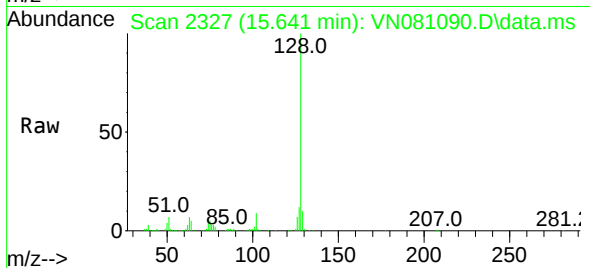
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.744 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081090.D

Acq: 20 Feb 2024 11:46

Tgt Ion:180 Resp: 100250

Ion Ratio Lower Upper

180 100

182 93.9 46.5 139.3

145 35.5 17.8 53.4

