

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081686.D
 Acq On : 10 Apr 2024 17:17
 Operator : JC\MD
 Sample : VN0410WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2024
 Supervised By : Mahesh Dadoda 04/11/2024

Quant Time: Apr 11 09:27:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	26911	30.000	ug/l	#-0.01
28) 1,4-Difluorobenzene	9.100	114	195254	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	242030	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	100746	30.474	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.567%	
60) 4-Bromofluorobenzene	12.853	95	144260	30.317	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.067%	
63) Toluene-d8	10.570	98	296551	30.546	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.833%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	65538	17.429	ug/l	98
3) Chloromethane	2.365	50	64896	19.892	ug/l	100
4) Vinyl Chloride	2.512	62	55367	16.504	ug/l	99
5) Bromomethane	2.965	94	41842	14.728	ug/l	96
6) Chloroethane	3.130	64	46856	17.845	ug/l	# 88
7) Trichlorofluoromethane	3.500	101	113270	20.566	ug/l	97
8) Diethyl Ether	3.959	74	35598	17.329	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	64427	17.051	ug/l	74
10) 1,1-Dichloroethene	4.347	96	57377	16.557	ug/l	95
11) Methyl Iodide	4.589	142	57515	14.656	ug/l	90
12) Methyl Acetate	5.024	43	53751	16.892	ug/l	# 77
13) Acrolein	4.183	56	35873	85.598	ug/l	97
14) Acrylonitrile	5.718	53	134532	84.935	ug/l	99
15) Acetone	4.430	58	31615	90.750	ug/l	71
16) Carbon Disulfide	4.712	76	167800	17.029	ug/l	# 88
17) Allyl chloride	5.024	41	67997	16.220	ug/l	90
18) Methylene Chloride	5.283	84	68522	17.172	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	65429	17.217	ug/l	90
20) Diisopropyl ether	6.671	45	167792	16.812	ug/l	95
21) 1,1-Dichloroethane	6.565	63	116070	17.443	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	76524	16.675	ug/l	95
23) tert-Butyl Alcohol	5.518	59	46869	83.354	ug/l	# 100
24) Methyl tert-Butyl Ether	5.794	73	181493	16.746	ug/l	# 91
25) Chloroform	7.971	83	129768	17.140	ug/l	99
26) Cyclohexane	8.259	56	88114	16.518	ug/l	# 87
29) 1,1-Dichloropropene	8.371	75	85066	16.572	ug/l	97
30) 2-Butanone	7.488	43	155415	79.276	ug/l	# 97
31) 2,2-Dichloropropane	7.494	77	103994	16.265	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	117319	16.583	ug/l	99
33) Carbon Tetrachloride	8.365	117	102136	15.927	ug/l	96
34) Benzene	8.606	78	268966	16.265	ug/l	99
35) Methacrylonitrile	7.777	41	36567	16.468	ug/l	98
36) 1,2-Dichloroethane	8.665	62	89472	16.496	ug/l	# 90
37) Trichloroethene	9.353	130	70632	16.142	ug/l	97
38) Methylcyclohexane	9.600	83	98755	15.740	ug/l	97
39) 1,2-Dichloropropane	9.623	63	62445	16.187	ug/l	98
40) Dibromomethane	9.712	93	50755	16.517	ug/l	94
41) Bromodichloromethane	9.888	83	102006	16.278	ug/l	93
42) Vinyl Acetate	6.606	43	657953	80.564	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	63030	14.588	ug/l #	92
44) Isopropyl Acetate	8.694	43	112511	15.541	ug/l	99
45) 1,4-Dioxane	9.688	88	27597	345.328	ug/l	90
46) Methyl methacrylate	9.682	41	51202	15.728	ug/l	95
47) n-amyl Acetate	12.494	43	96643	14.877	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	94440	15.819	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	105364	16.388	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	68406	16.625	ug/l	98
51) Ethyl methacrylate	10.876	69	89119	15.555	ug/l	95
52) 1,3-Dichloropropane	11.165	76	107419	15.927	ug/l	98
53) Dibromochloromethane	11.359	129	77697	15.807	ug/l	98
54) 1,2-Dibromoethane	11.470	107	69550	16.352	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	254444	90.436	ug/l	97
56) Bromoform	12.582	173	48630	15.473	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	352902	84.787	ug/l	94
59) 2-Hexanone	11.194	43	262083	83.844	ug/l	92
61) Tetrachloroethene	11.106	164	77815	17.351	ug/l	99
62) Toluene	10.635	91	299374	17.002	ug/l	97
64) Chlorobenzene	11.894	112	190242	17.039	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.959	131	65082	16.047	ug/l	96
66) Ethyl Benzene	11.964	91	306656	16.380	ug/l	99
67) m/p-Xylenes	12.070	106	249086	33.589	ug/l	96
68) o-Xylene	12.400	106	118079	16.773	ug/l	93
69) Styrene	12.412	104	198497	16.556	ug/l	96
70) Isopropylbenzene	12.700	105	307352	16.923	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	84092	17.725	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	68202m	15.528	ug/l	
73) Bromobenzene	12.982	156	74289	16.508	ug/l	92
74) n-propylbenzene	13.035	91	358776	16.503	ug/l	97
75) 2-Chlorotoluene	13.129	91	216962	16.751	ug/l	93
76) 1,3,5-Trimethylbenzene	13.176	105	255904	16.601	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	29107	16.002	ug/l	85
78) 4-Chlorotoluene	13.223	91	217685	16.946	ug/l	94
79) tert-butylbenzene	13.441	119	217435	16.580	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	259136	16.856	ug/l	96
81) sec-Butylbenzene	13.617	105	309222	16.349	ug/l	100
82) p-Isopropyltoluene	13.729	119	252982	15.949	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	143536	17.066	ug/l	97
84) 1,4-Dichlorobenzene	13.811	146	138990	17.072	ug/l	97
85) n-Butylbenzene	14.058	91	210561	15.759	ug/l	99
86) Hexachloroethane	14.335	117	49460	16.321	ug/l	83
87) 1,2-Dichlorobenzene	14.106	146	135457	16.920	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	16450	15.905	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	74947	17.080	ug/l	96
90) Hexachlorobutadiene	15.500	225	31197	17.741	ug/l	99
91) Naphthalene	15.647	128	214920	15.235	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	74947	17.080	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

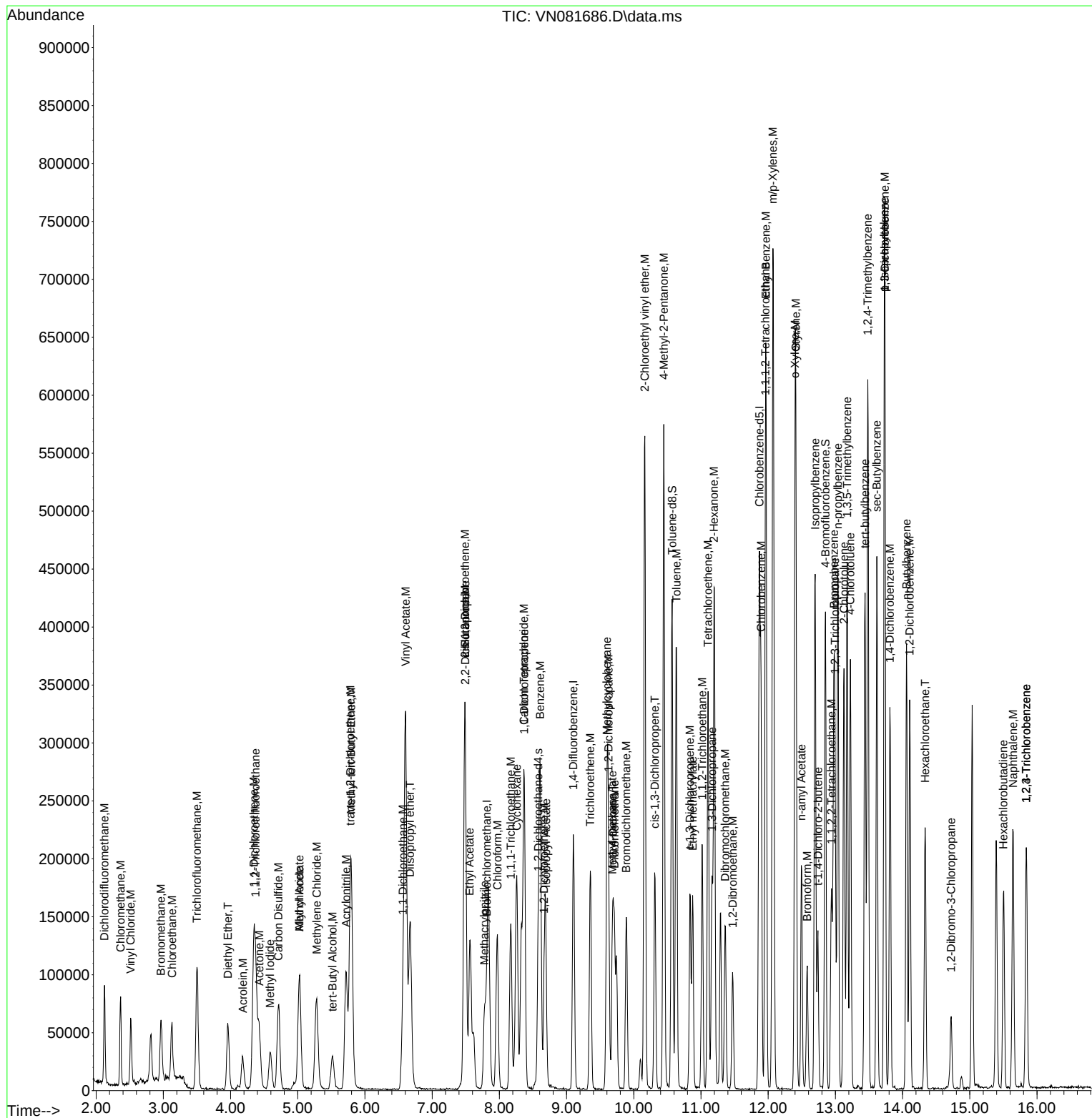
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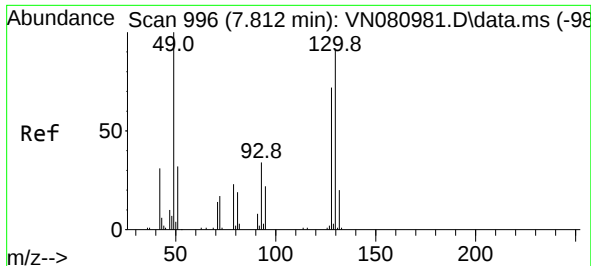
Instrument :
MSVOA_N
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Manual Integrations
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Supervised By : Mahesh Dadoda 04/11/2024

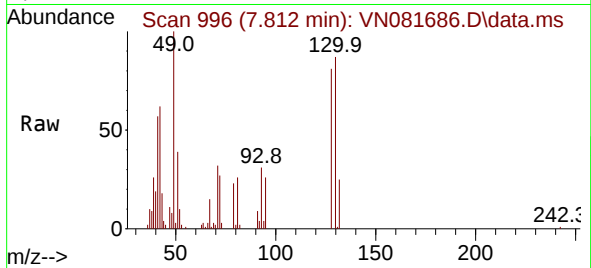
Quant Time: Apr 11 09:27:14 2024
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

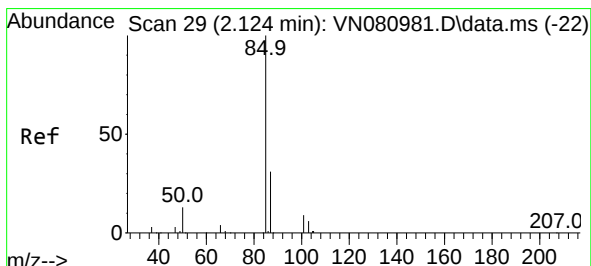
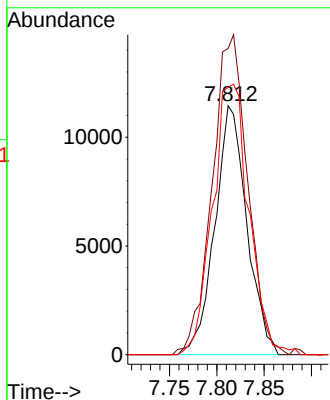
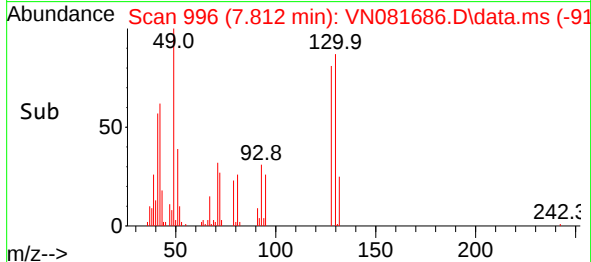
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



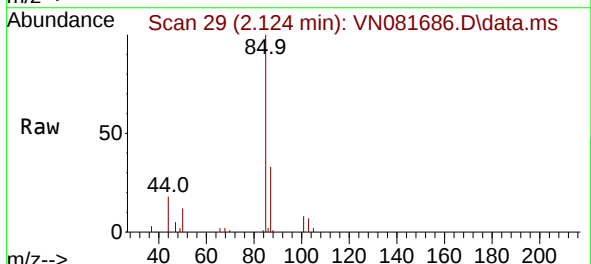
Tgt Ion:128 Resp: 2691
Ion Ratio Lower Upper
128 100
49 142.3 0.0 403.7
130 0.0 0.0 323.3

Manual Integrations
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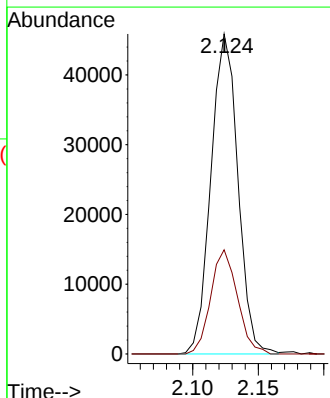
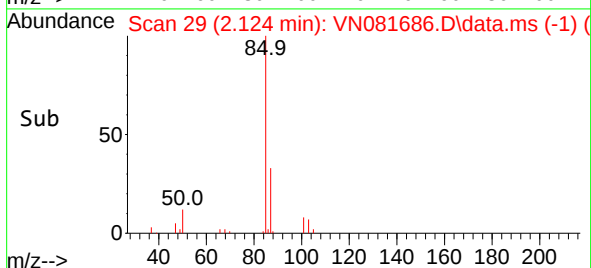
Reviewed By :John Carlone 04/11/2024
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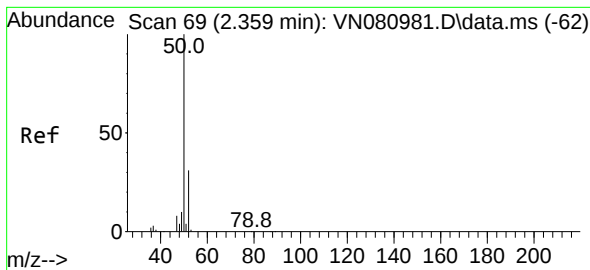


#2
Dichlorodifluoromethane
Concen: 17.429 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17



Tgt Ion: 85 Resp: 65538
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.3





#3

Chloromethane

Concen: 19.892 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

Tgt Ion: 50 Resp: 64890

Ion Ratio Lower Upper

50 100

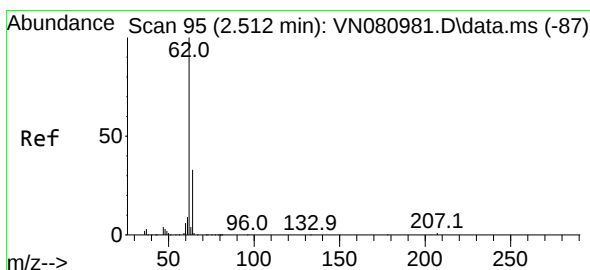
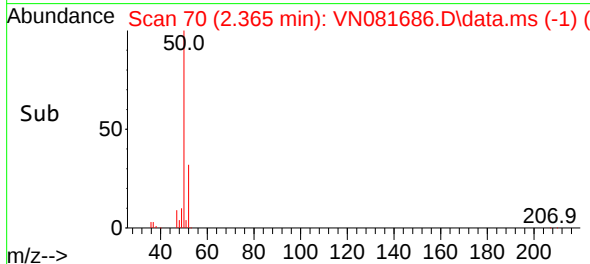
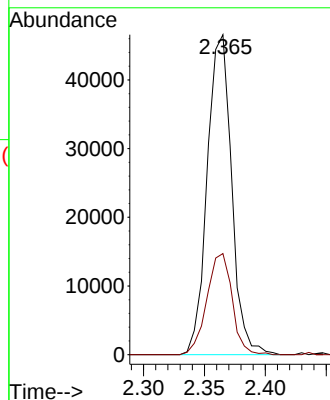
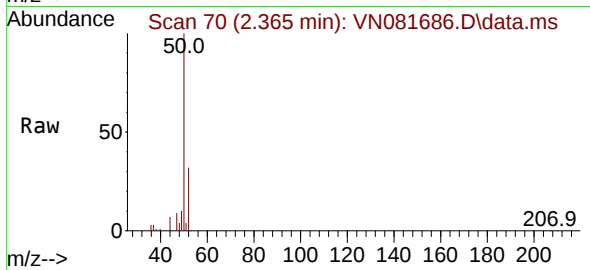
52 31.6 25.4 38.0

Manual Integrations

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Supervised By :Mahesh Dadoda 04/11/2024



#4

Vinyl Chloride

Concen: 16.504 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN081686.D

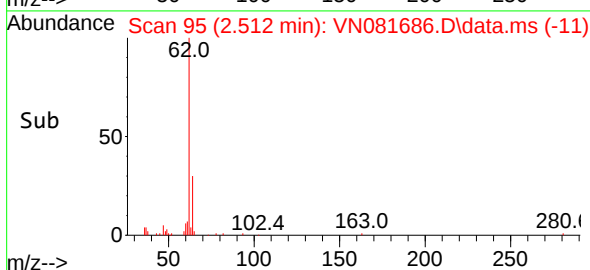
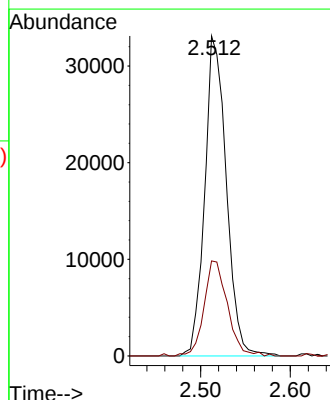
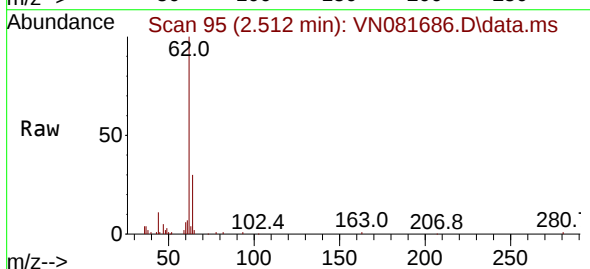
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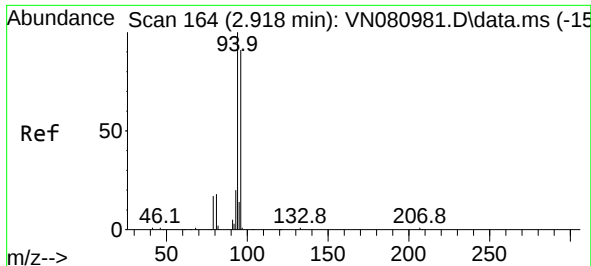
Tgt Ion: 62 Resp: 55367

Ion Ratio Lower Upper

62 100

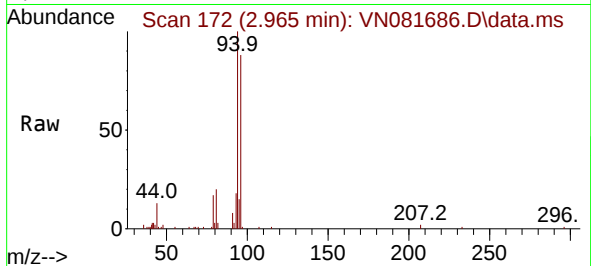
64 29.7 24.1 36.1





#5
Bromomethane
Concen: 14.728 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

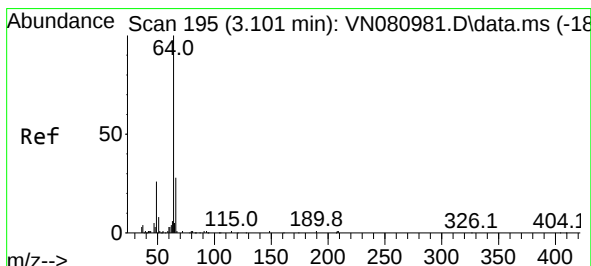
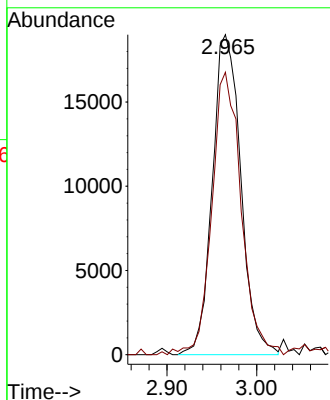
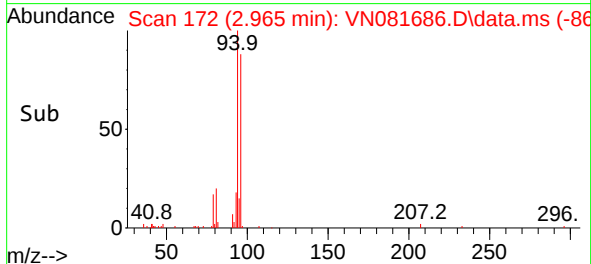
Instrument :
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Tgt Ion: 94 Resp: 4184
Ion Ratio Lower Upper
94 100
96 87.2 72.8 109.2

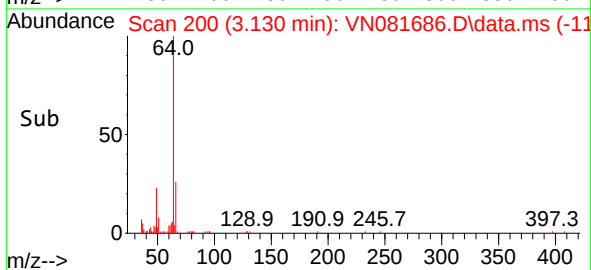
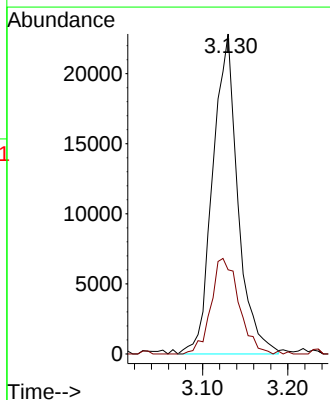
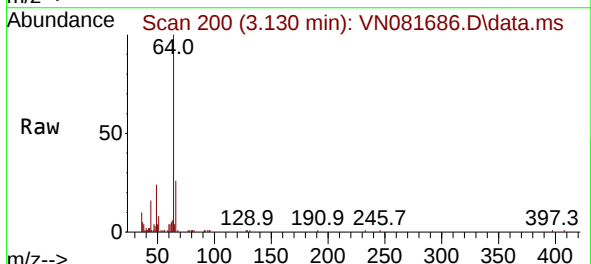
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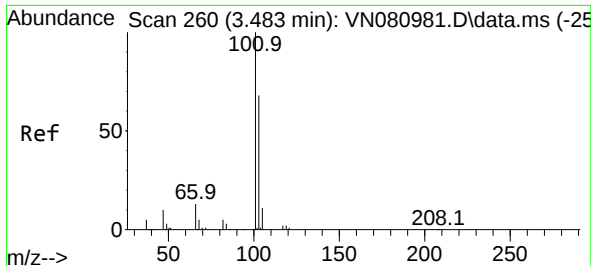
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#6
Chloroethane
Concen: 17.845 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

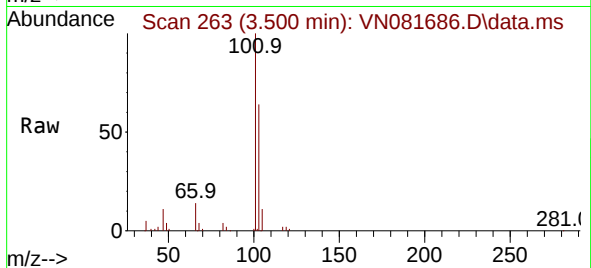
Tgt Ion: 64 Resp: 46856
Ion Ratio Lower Upper
64 100
66 26.3 26.7 40.1#





#7
 Trichlorofluoromethane
 Concen: 20.566 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081686.D
 Acq: 10 Apr 2024 17:17

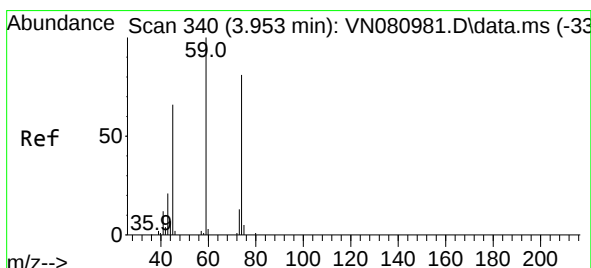
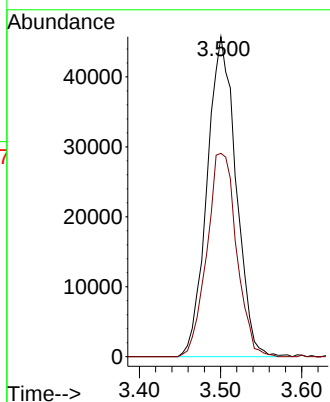
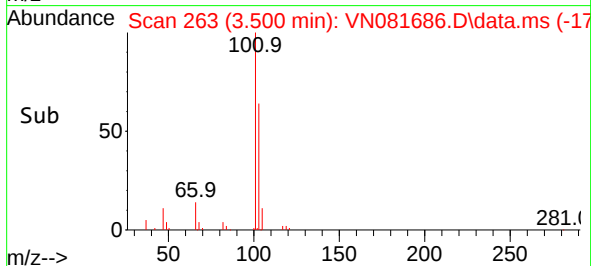
Instrument :
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 VN0410WBS01



Tgt Ion:101 Resp: 113270
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.0 79.4

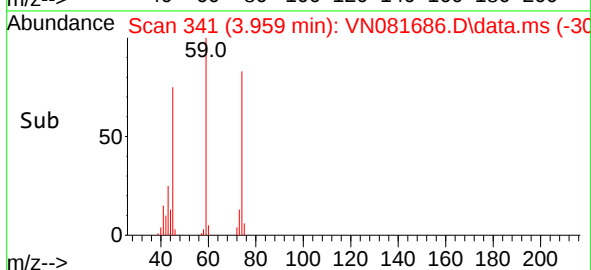
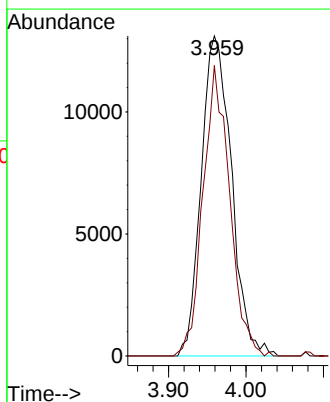
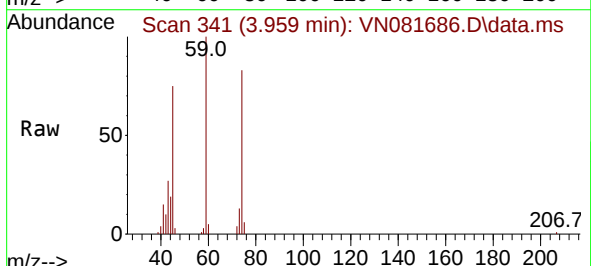
Manual Integrations
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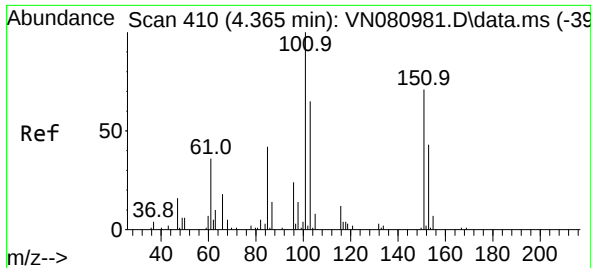
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#8
 Diethyl Ether
 Concen: 17.329 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN081686.D
 Acq: 10 Apr 2024 17:17

Tgt Ion: 74 Resp: 35598
 Ion Ratio Lower Upper
 74 100
 45 79.5 16.4 147.4





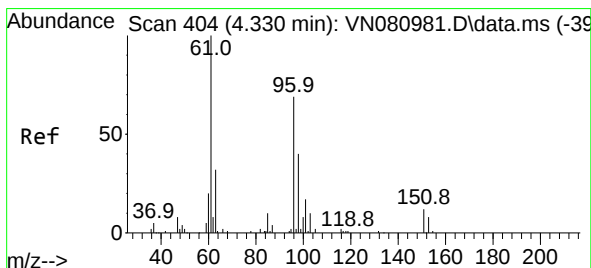
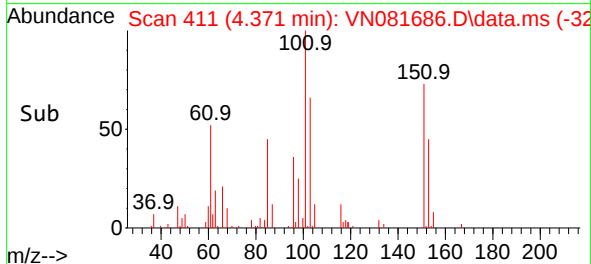
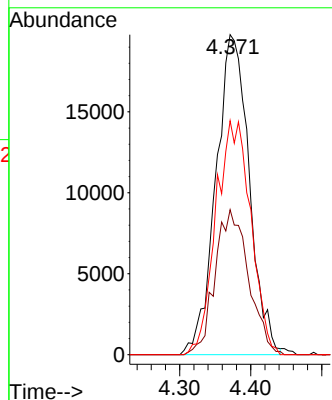
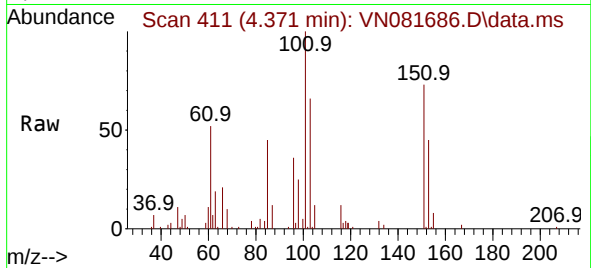
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1,1,2-Trichlorotrifluoroethane
Concen: 17.051 ug/l
RT: 4.371 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

Tgt Ion:101 Resp: 6442
Ion Ratio Lower Upper
101 100
85 45.6 0.0 90.6
151 43.1 0.0 157.6

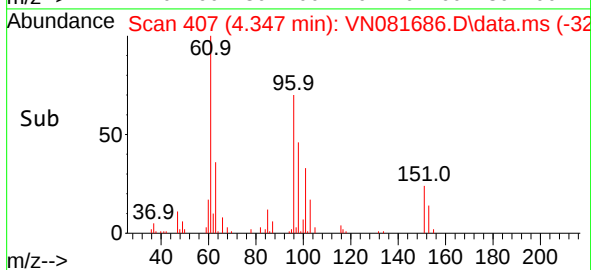
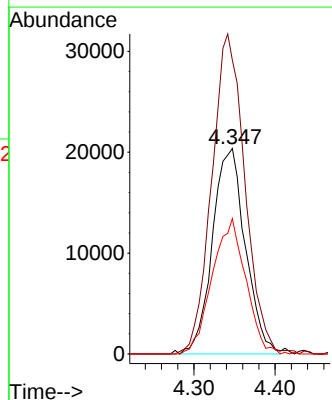
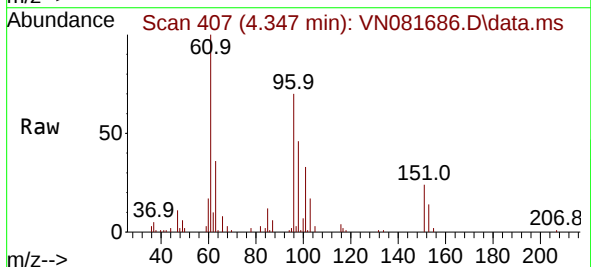
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#10
1,1-Dichloroethene
Concen: 16.557 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

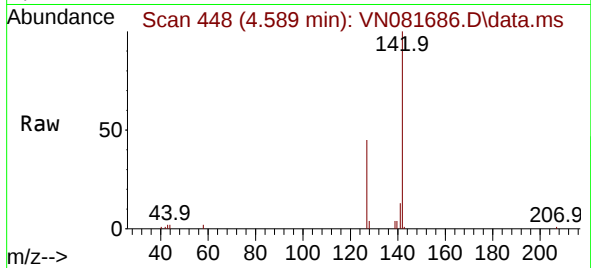
Tgt Ion: 96 Resp: 57377
Ion Ratio Lower Upper
96 100
61 141.7 117.6 176.4
98 65.9 48.4 72.6





#11
Methyl Iodide
Concen: 14.656 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

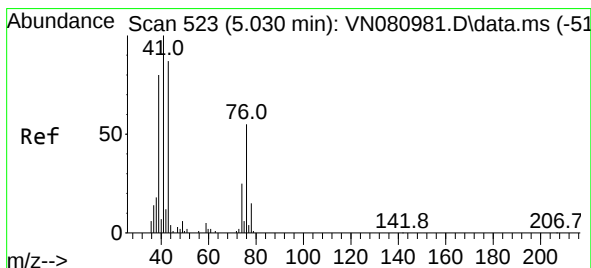
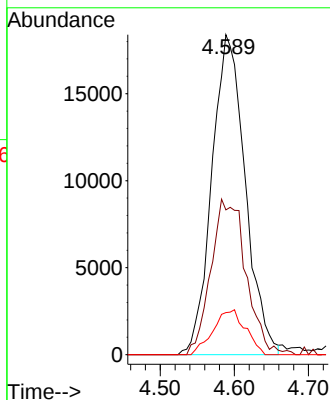
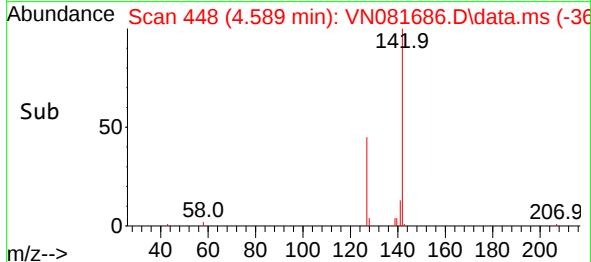
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion:142 Resp: 5751
Ion Ratio Lower Upper
142 100
127 45.2 26.3 78.9
141 13.3 8.3 24.9

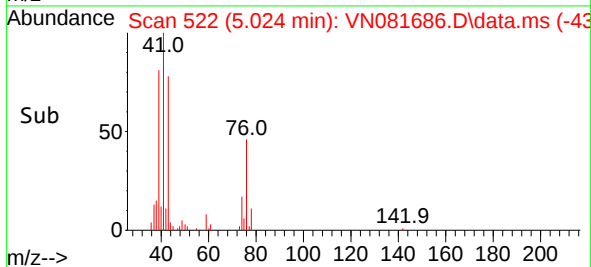
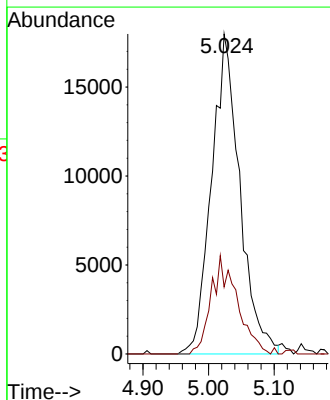
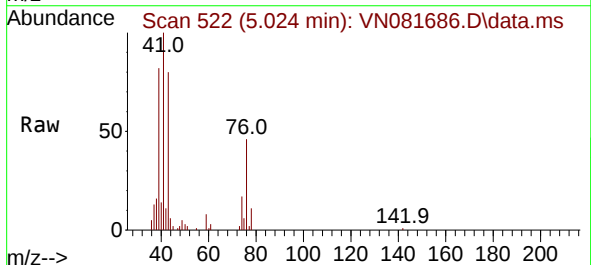
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#12
Methyl Acetate
Concen: 16.892 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

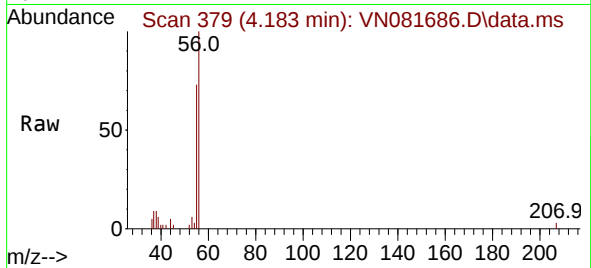
Tgt Ion: 43 Resp: 53751
Ion Ratio Lower Upper
43 100
74 21.2 27.7 41.5#





#13
Acrolein
Concen: 85.598 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

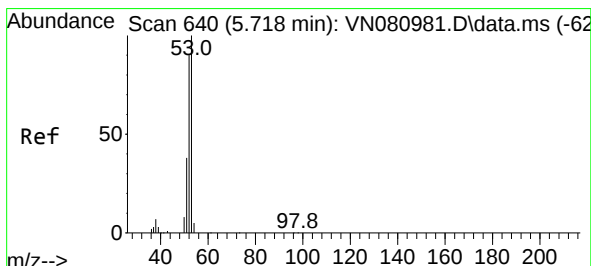
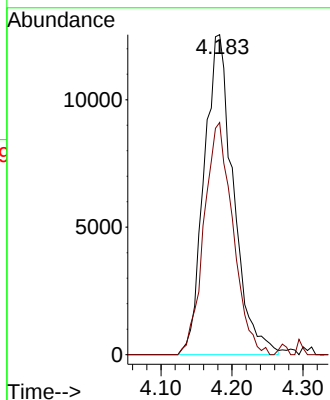
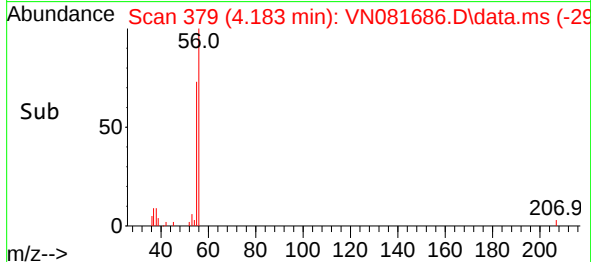
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



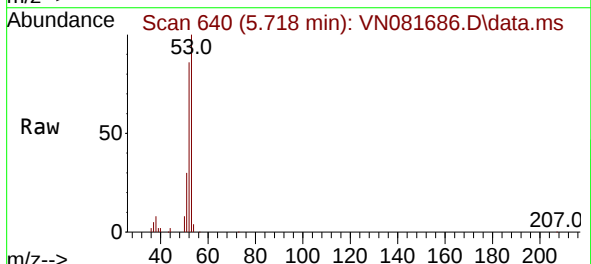
Tgt Ion: 56 Resp: 3587
Ion Ratio Lower Upper
56 100
55 71.5 55.5 83.3

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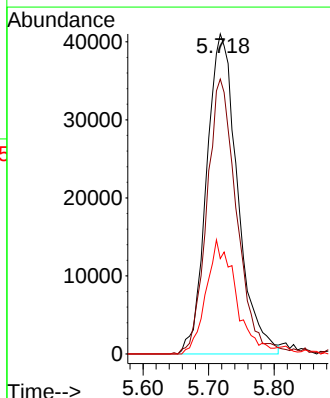
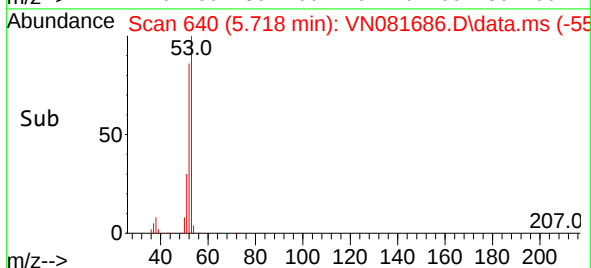
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

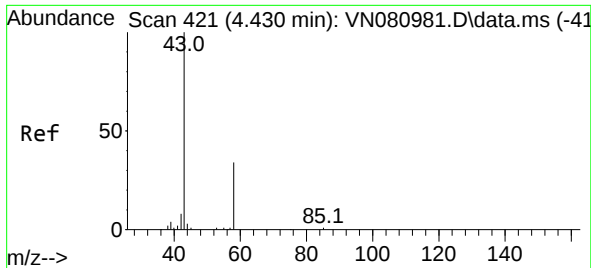


#14
Acrylonitrile
Concen: 84.935 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17



Tgt Ion: 53 Resp: 134532
Ion Ratio Lower Upper
53 100
52 80.9 41.3 123.9
51 33.3 16.8 50.3





#15

Acetone

Concen: 90.750 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

Tgt Ion: 58 Resp: 3161

Ion Ratio Lower Upper

58 100

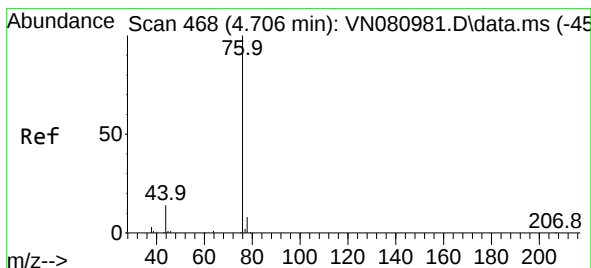
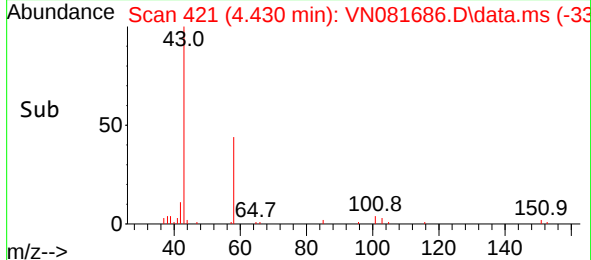
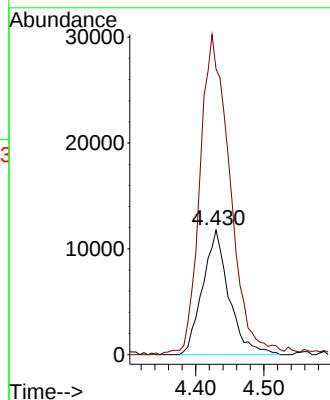
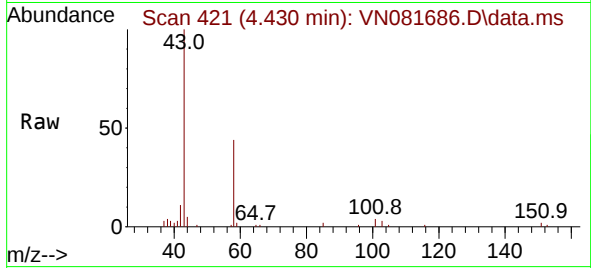
43 225.6 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#16

Carbon Disulfide

Concen: 17.029 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN081686.D

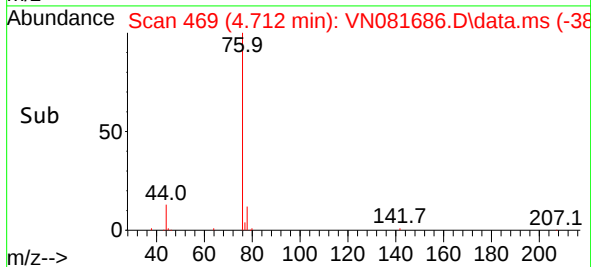
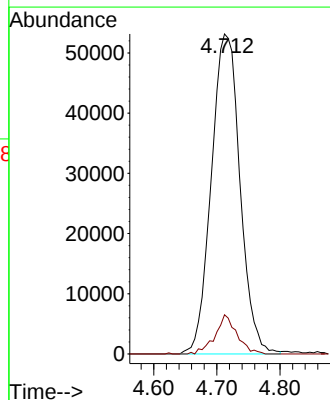
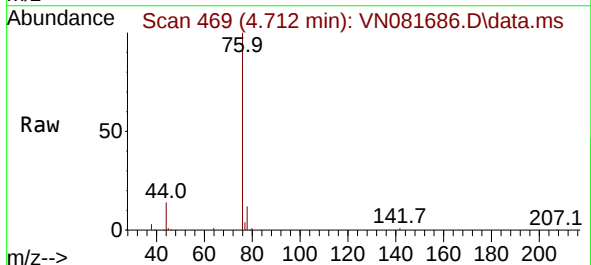
Acq: 10 Apr 2024 17:17

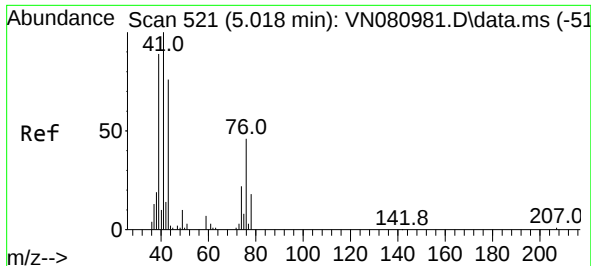
Tgt Ion: 76 Resp: 167800

Ion Ratio Lower Upper

76 100

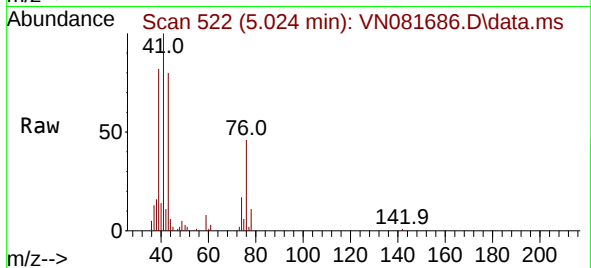
78 12.2 6.3 9.5#





#17
 Allyl chloride
 Concen: 16.220 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN081686.D
 Acq: 10 Apr 2024 17:17

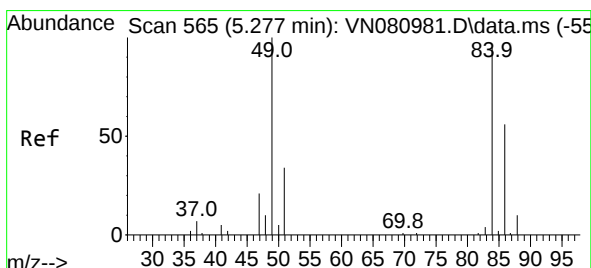
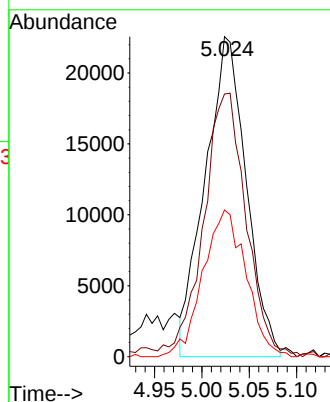
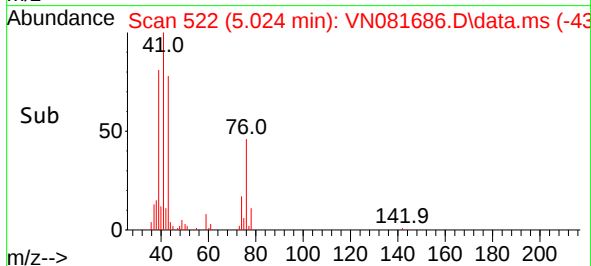
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS01



Tgt Ion: 41 Resp: 6799
 Ion Ratio Lower Upper
 41 100
 39 81.2 37.6 112.9
 76 45.4 27.8 83.4

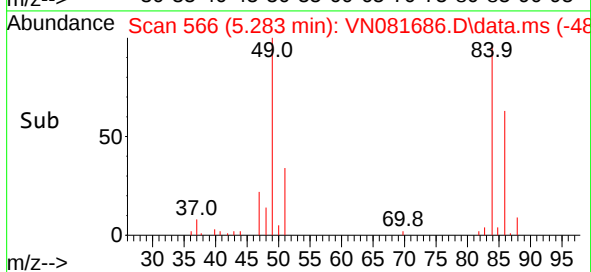
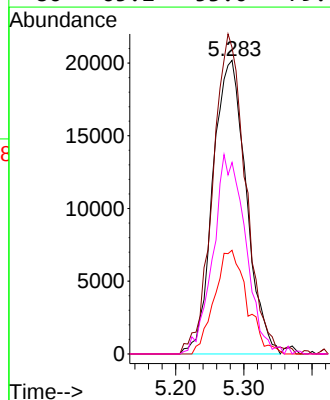
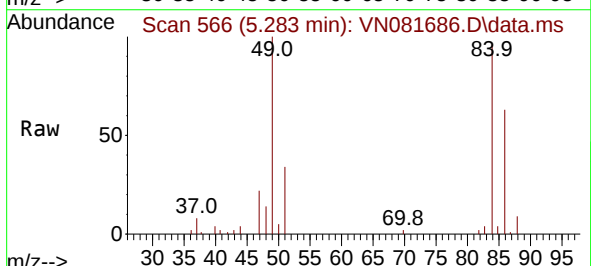
Manual Integrations
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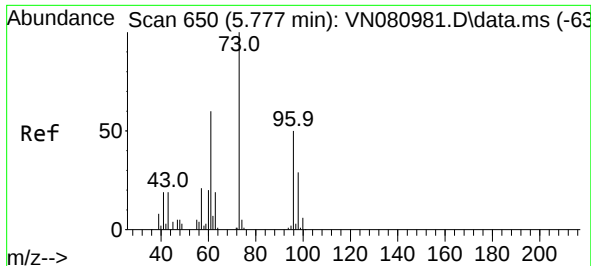
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#18
 Methylene Chloride
 Concen: 17.172 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN081686.D
 Acq: 10 Apr 2024 17:17

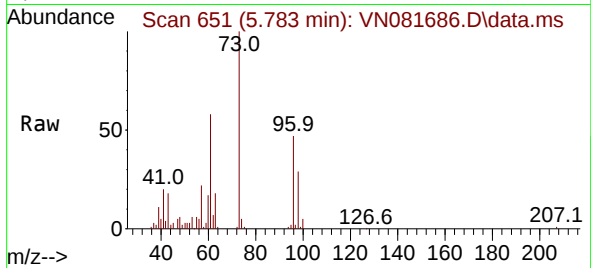
Tgt Ion: 84 Resp: 68522
 Ion Ratio Lower Upper
 84 100
 49 104.4 86.0 129.0
 51 35.3 30.0 45.0
 86 65.2 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 17.217 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

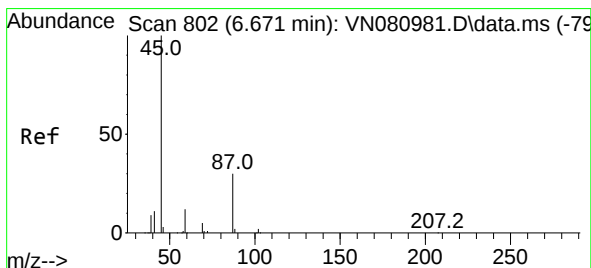
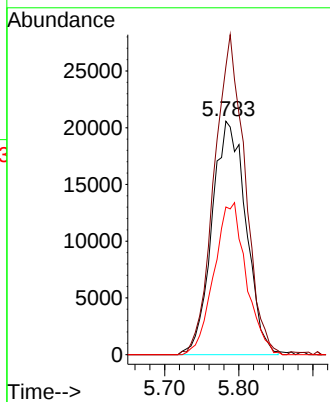
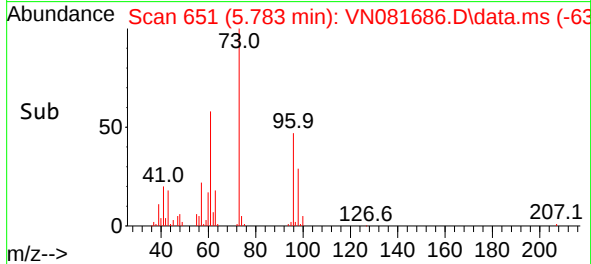
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion: 96 Resp: 65429
Ion Ratio Lower Upper
96 100
61 123.4 111.8 167.6
98 63.3 49.2 73.8

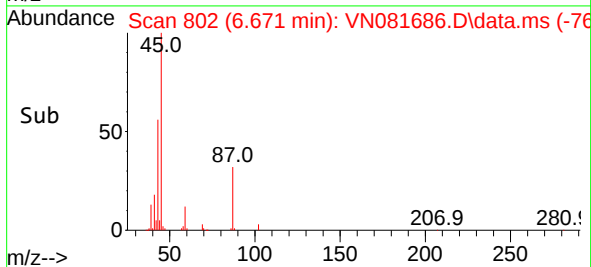
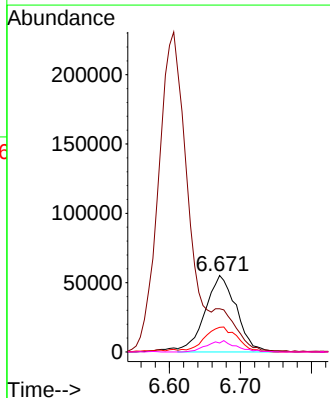
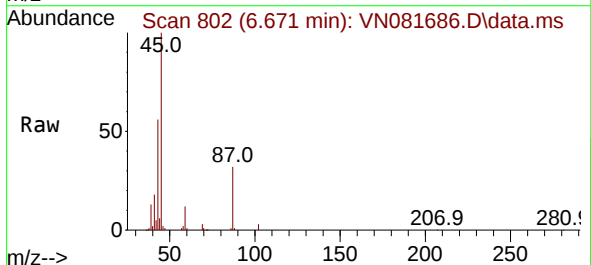
Manual Integrations
APPROVED

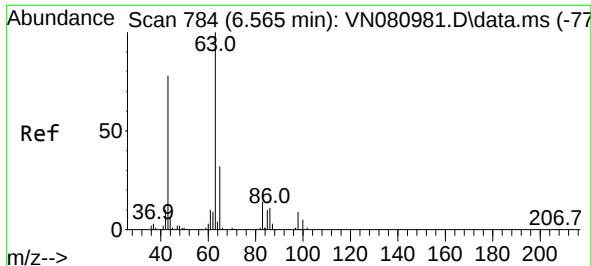
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#20
Diisopropyl ether
Concen: 16.812 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

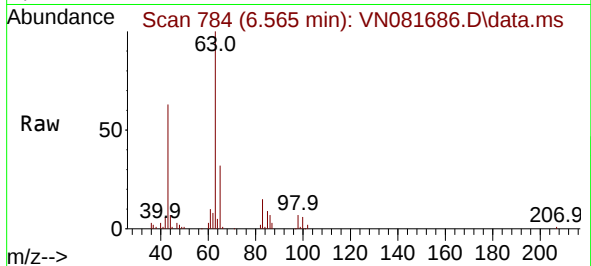
Tgt Ion: 45 Resp: 167792
Ion Ratio Lower Upper
45 100
43 54.9 40.4 60.6
87 32.3 23.8 35.8
59 11.8 9.8 14.6





#21
1,1-Dichloroethane
Concen: 17.443 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

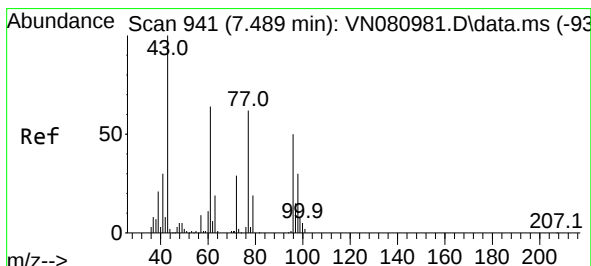
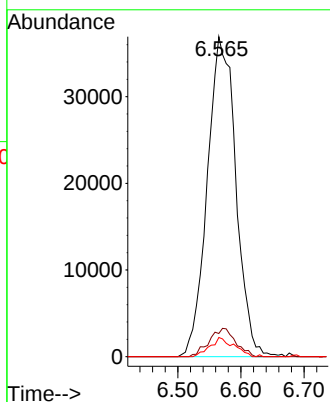
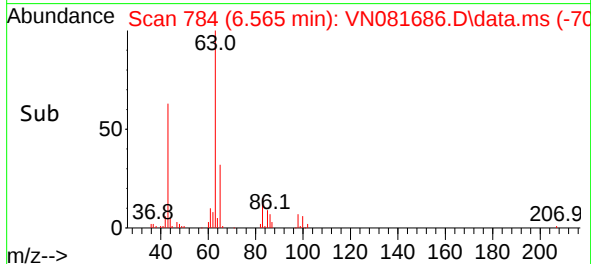
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



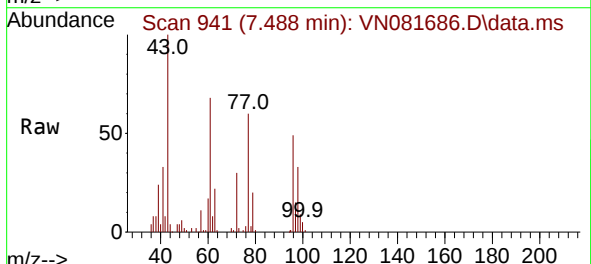
Tgt Ion: 63 Resp: 116070
Ion Ratio Lower Upper
63 100
98 7.3 4.1 12.3
100 6.0 3.0 9.0

Manual Integrations
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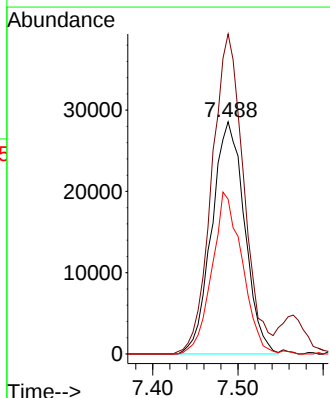
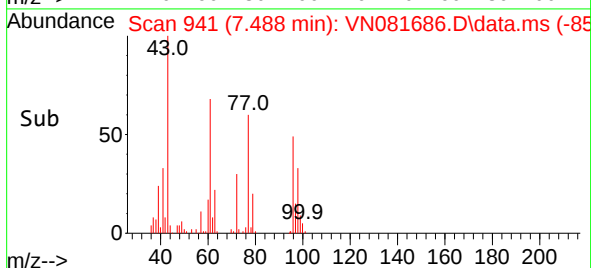
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

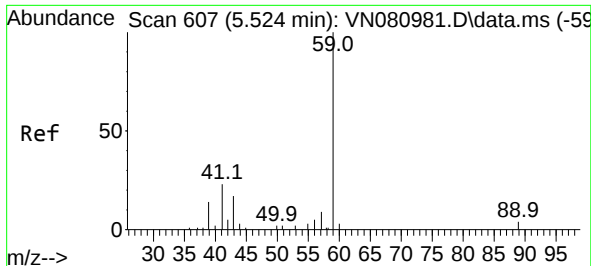


#22
cis-1,2-Dichloroethene
Concen: 16.675 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17



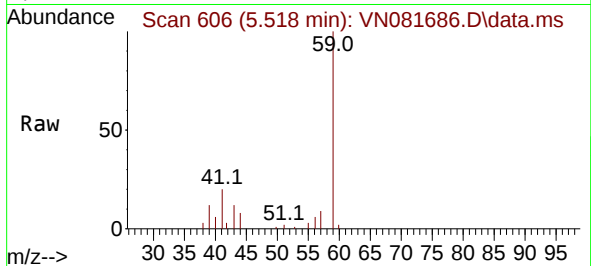
Tgt Ion: 96 Resp: 76524
Ion Ratio Lower Upper
96 100
61 134.3 113.5 170.3
98 64.0 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 83.354 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

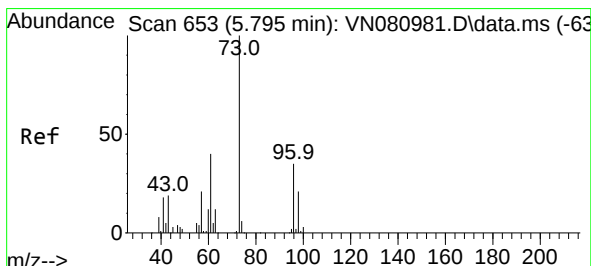
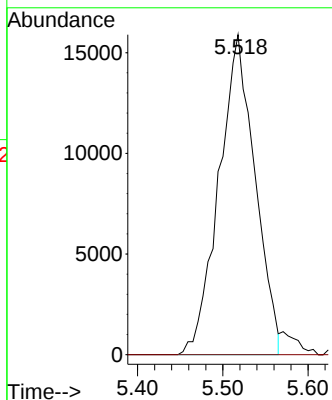
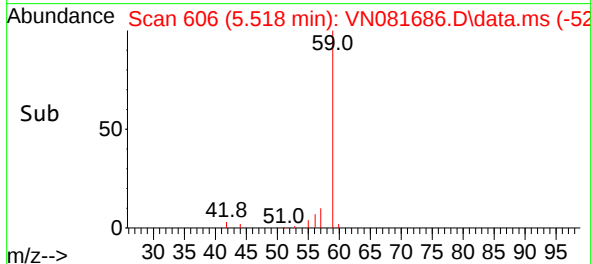
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion: 59 Resp: 46869
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

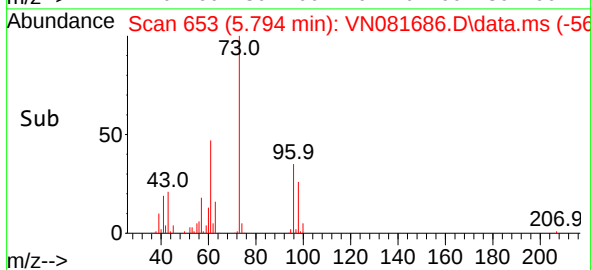
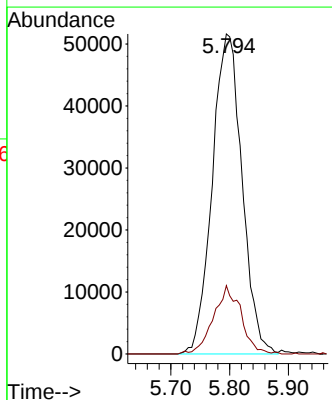
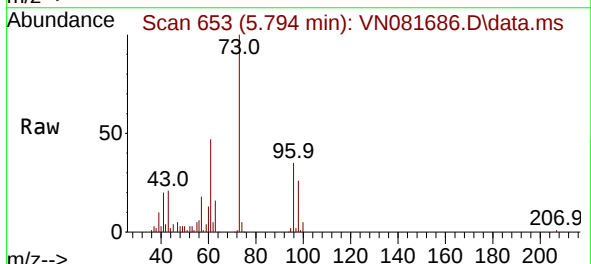
Manual Integrations
APPROVED

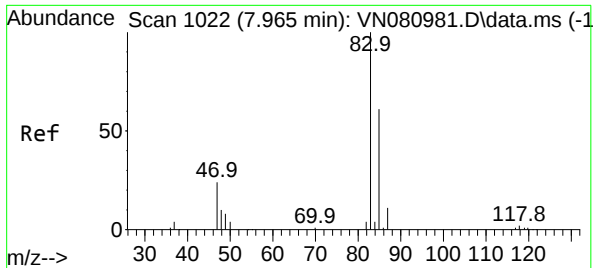
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#24
Methyl tert-Butyl Ether
Concen: 16.746 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

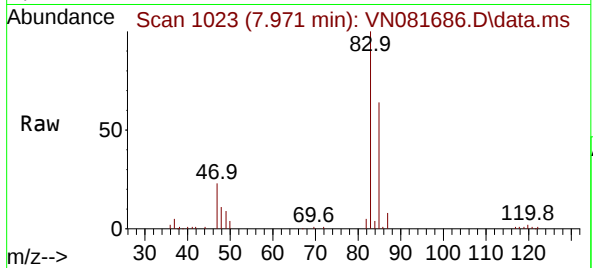
Tgt Ion: 73 Resp: 181493
Ion Ratio Lower Upper
73 100
43 13.0 13.4 20.2#





#25
Chloroform
Concen: 17.140 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

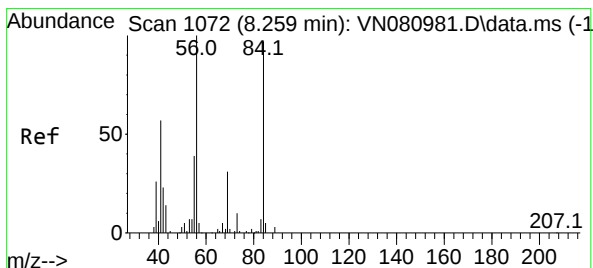
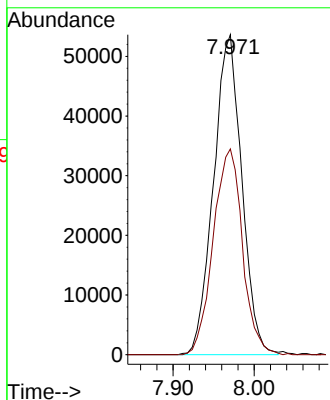
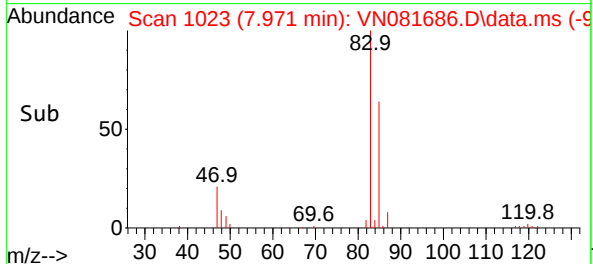
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



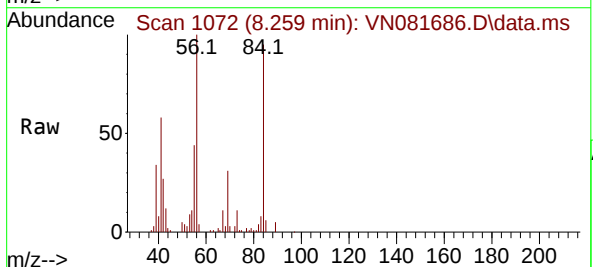
Tgt Ion: 83 Resp: 129768
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3

Manual Integrations
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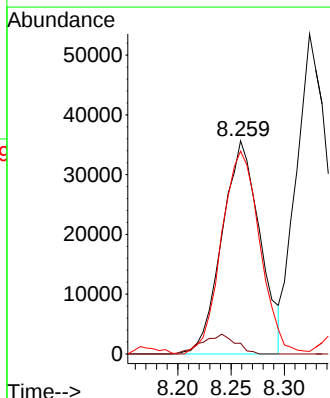
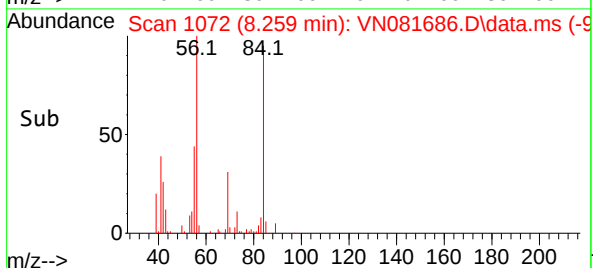
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

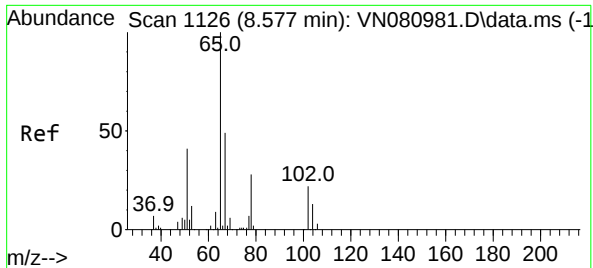


#26
Cyclohexane
Concen: 16.518 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17



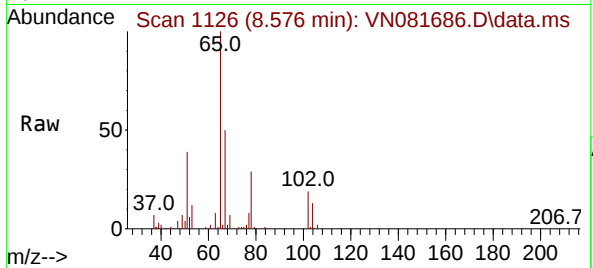
Tgt Ion: 56 Resp: 88114
Ion Ratio Lower Upper
56 100
89 8.4 19.3 28.9#
84 96.5 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.474 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

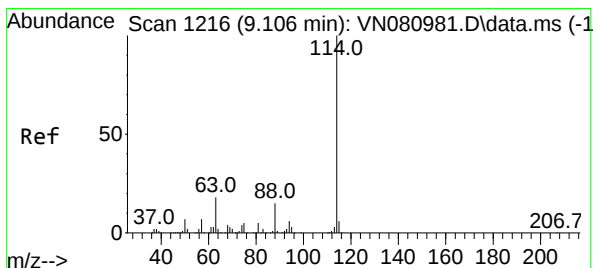
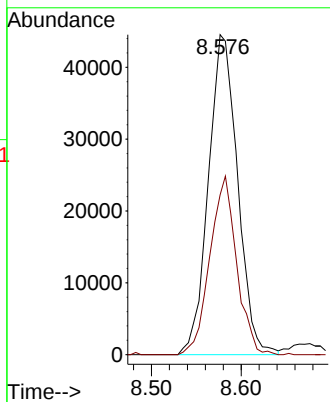
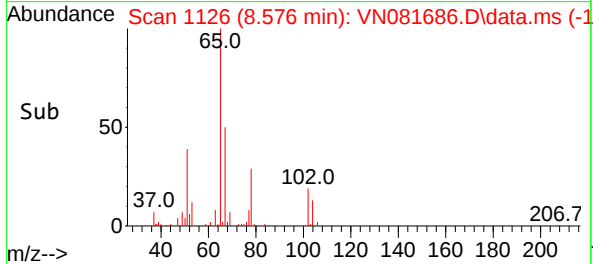
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



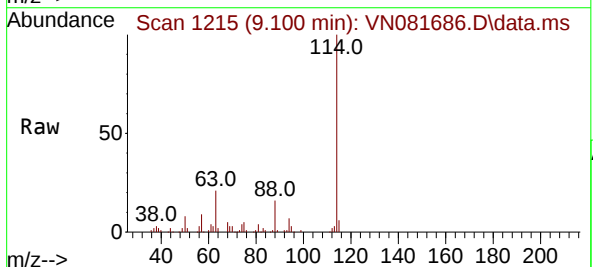
Tgt Ion: 65 Resp: 100740
Ion Ratio Lower Upper
65 100
67 50.7 43.2 64.8

Manual Integrations
APPROVED

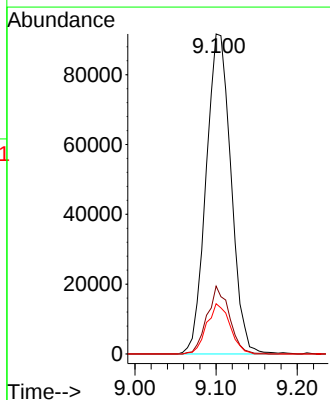
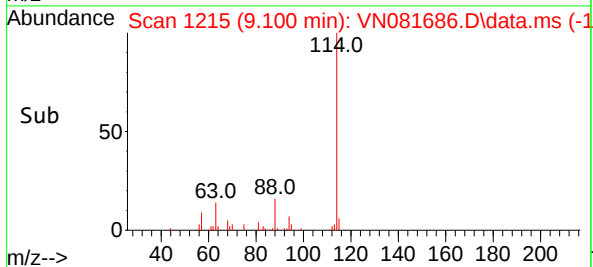
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

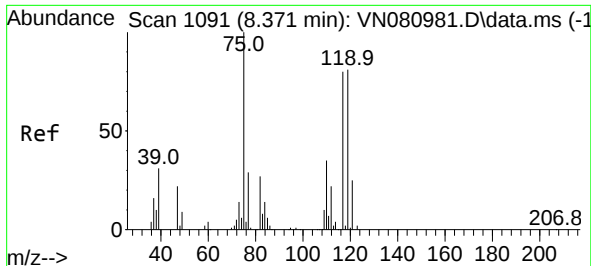


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17



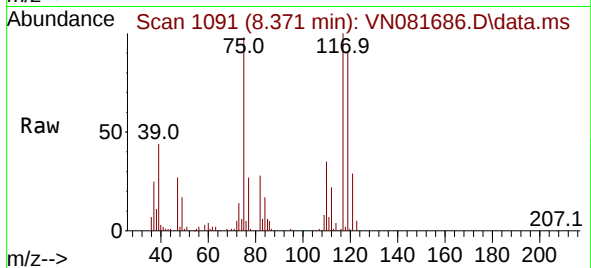
Tgt Ion:114 Resp: 195254
Ion Ratio Lower Upper
114 100
63 18.9 15.9 23.9
88 14.7 12.7 19.1





#29
1,1-Dichloropropene
Concen: 16.572 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

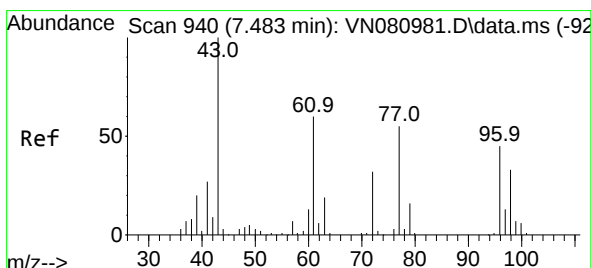
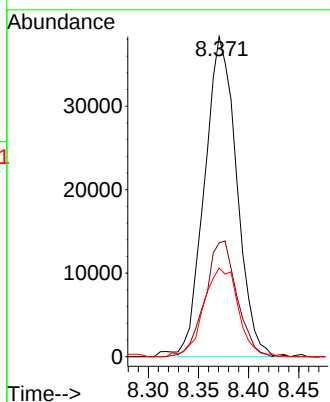
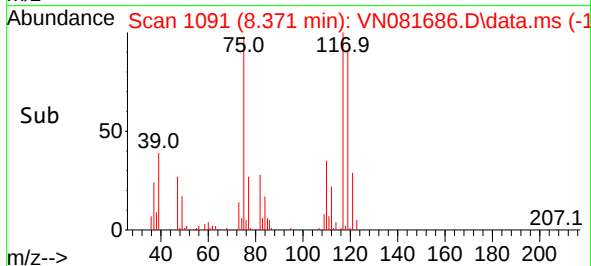
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



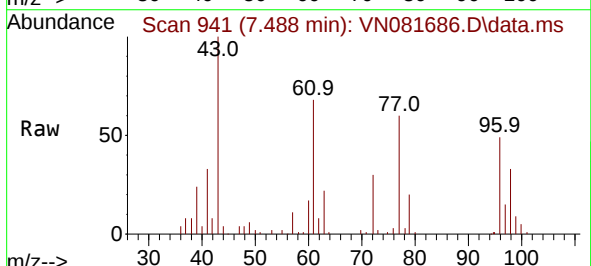
Tgt Ion:	75	Resp:	8506
Ion Ratio	Lower	Upper	
75	100		
110	35.9	0.0	70.2
77	28.3	0.0	61.4

Manual Integrations
APPROVED

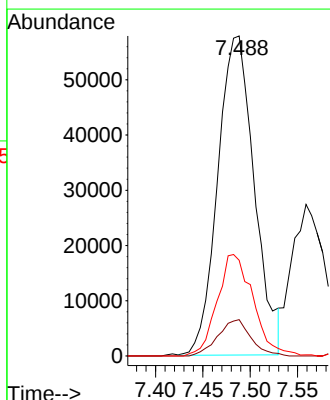
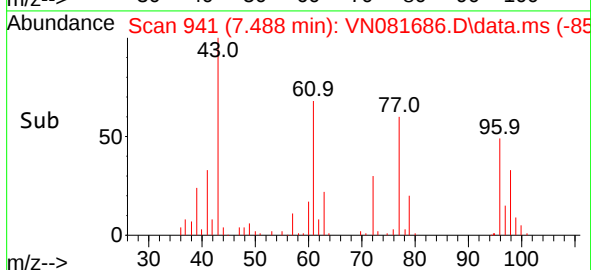
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

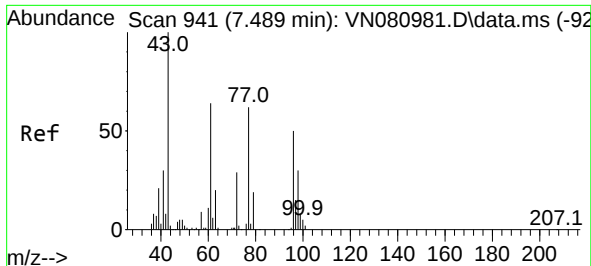


#30
2-Butanone
Concen: 79.276 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17



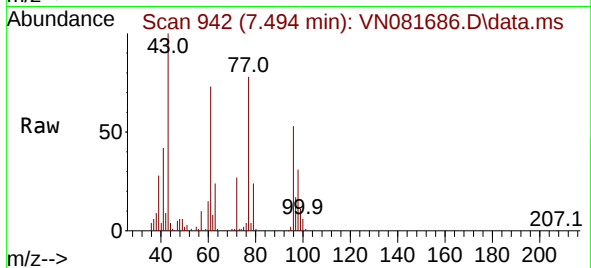
Tgt Ion:	43	Resp:	155415
Ion Ratio	Lower	Upper	
43	100		
57	10.3	6.7	10.1#
72	31.2	24.0	36.0





#31
2,2-Dichloropropane
Concen: 16.265 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

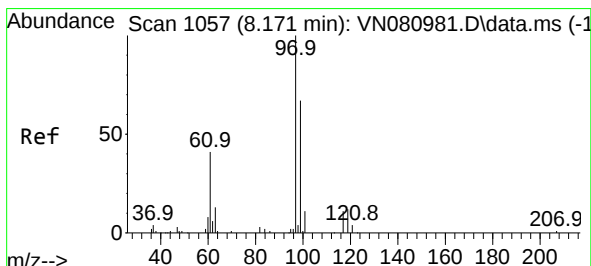
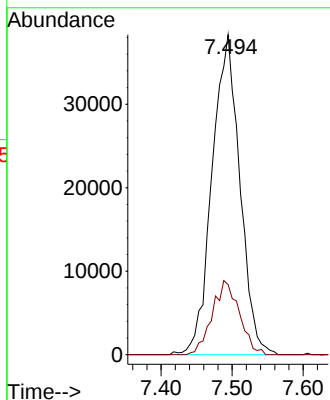
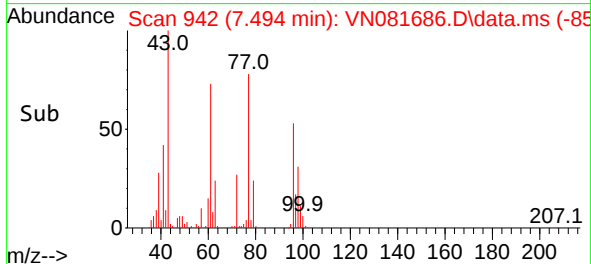
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion: 77 Resp: 103994
Ion Ratio Lower Upper
77 100
97 22.4 18.3 27.5

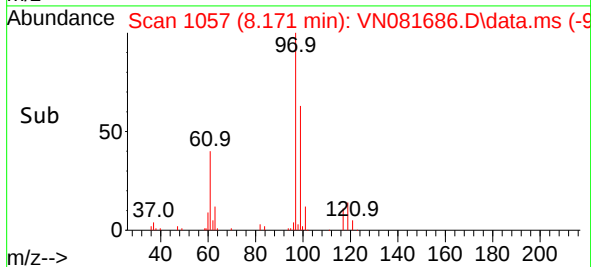
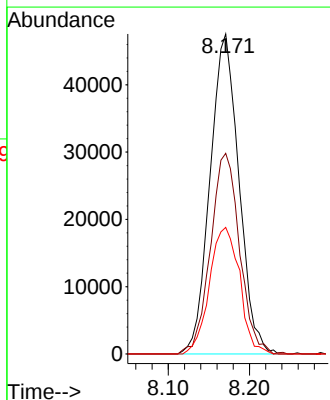
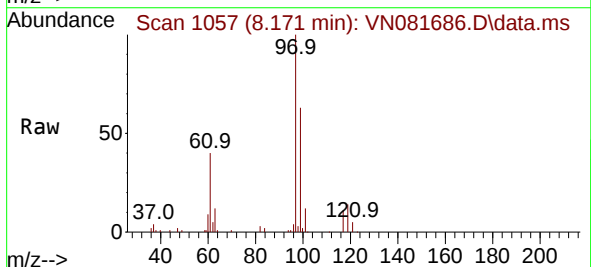
Manual Integrations
APPROVED

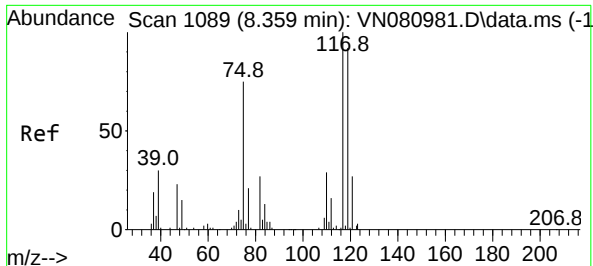
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#32
1,1,1-Trichloroethane
Concen: 16.583 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

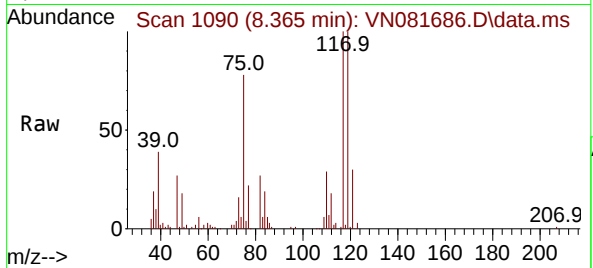
Tgt Ion: 97 Resp: 117319
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 41.4 33.8 50.8





#33
Carbon Tetrachloride
Concen: 15.927 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

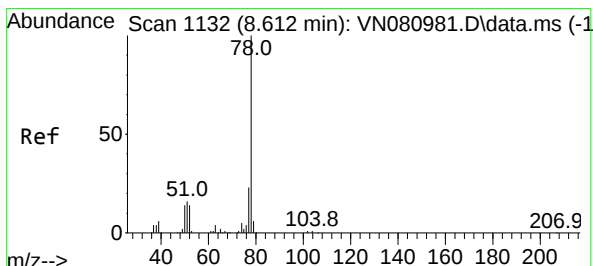
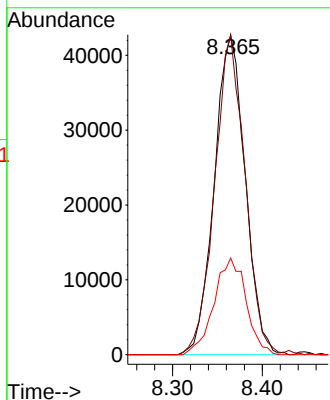
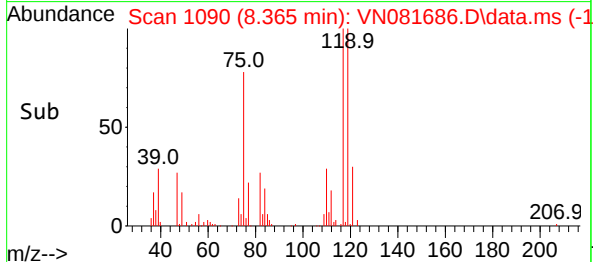
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion: 117 Resp: 102130
Ion Ratio Lower Upper
117 100
119 100.3 77.7 116.5
121 30.3 27.0 40.6

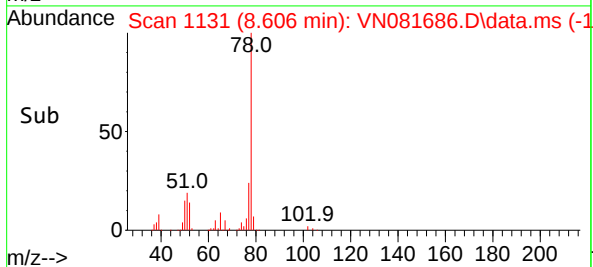
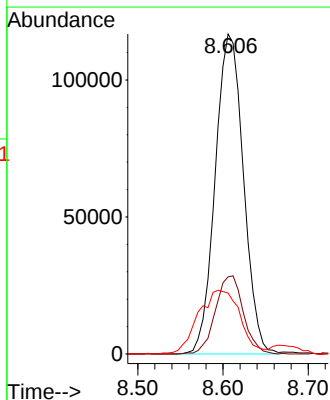
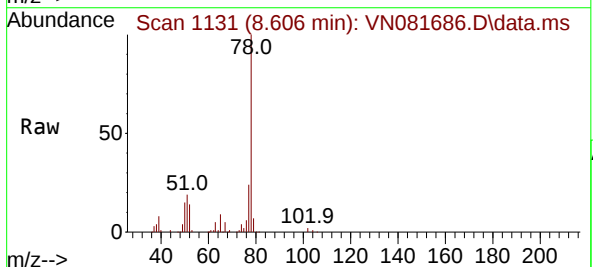
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#34
Benzene
Concen: 16.265 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

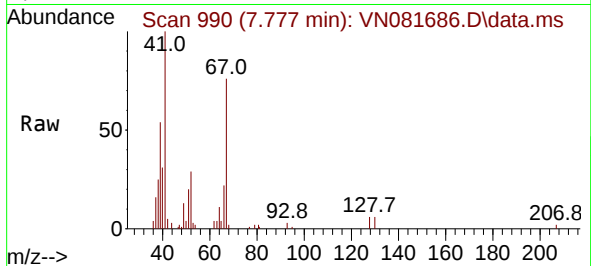
Tgt Ion: 78 Resp: 268966
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8
51 17.9 13.3 19.9





#35
Methacrylonitrile
Concen: 16.468 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

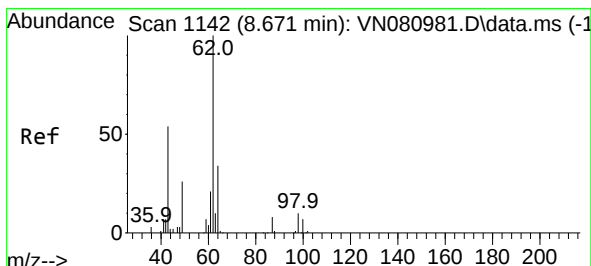
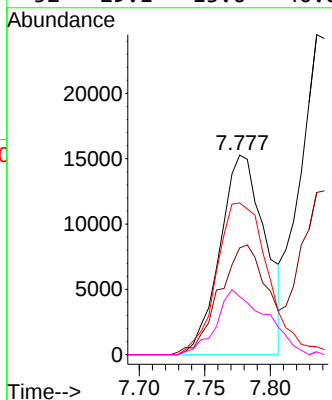
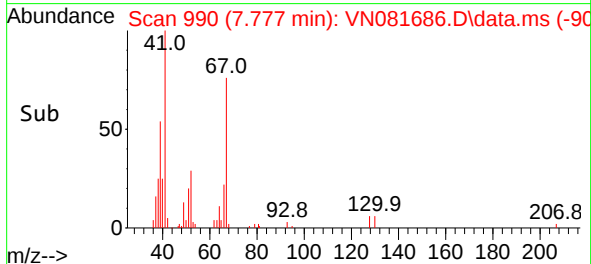
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.3	25.3	75.9
67	76.0	38.7	116.1
52	29.1	13.6	40.8

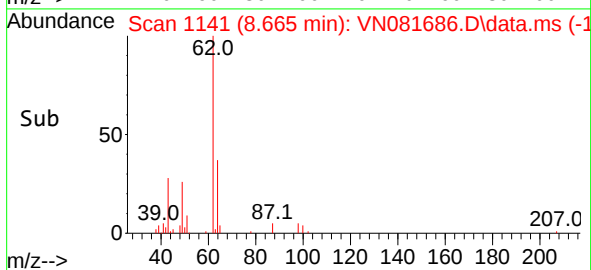
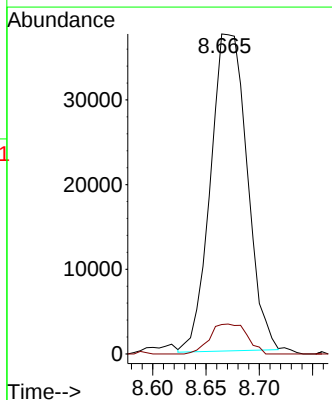
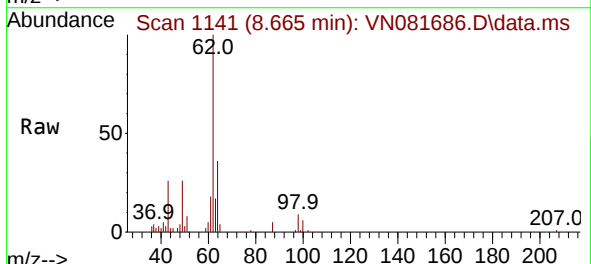
Manual Integrations
APPROVED

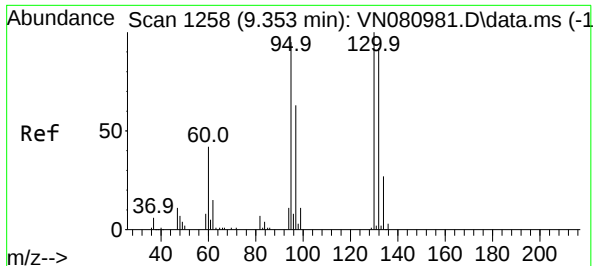
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#36
1,2-Dichloroethane
Concen: 16.496 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	6.7	8.2	12.4





#37

Trichloroethene

Concen: 16.142 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

Tgt Ion:130 Resp: 7063

Ion Ratio Lower Upper

130 100

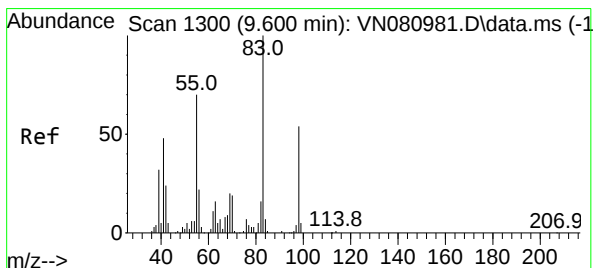
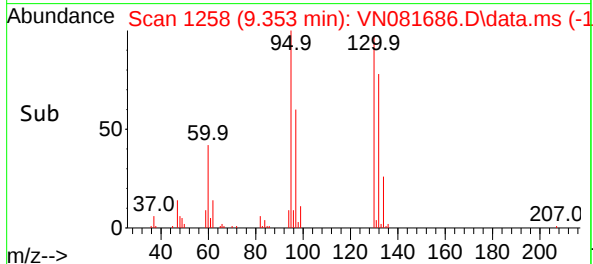
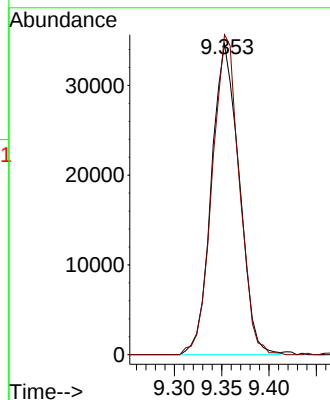
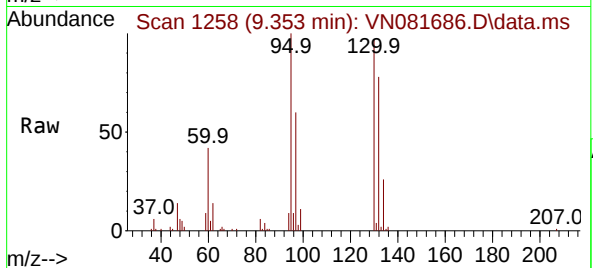
95 103.0 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#38

Methylcyclohexane

Concen: 15.740 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

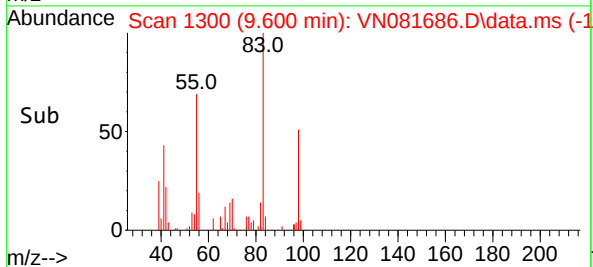
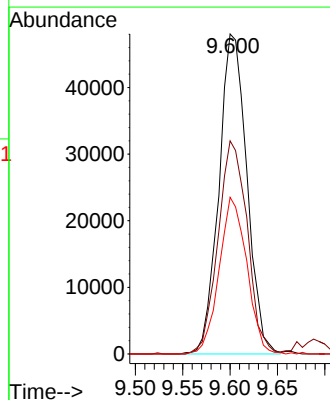
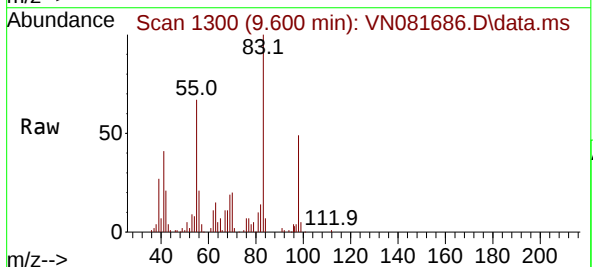
Tgt Ion: 83 Resp: 98755

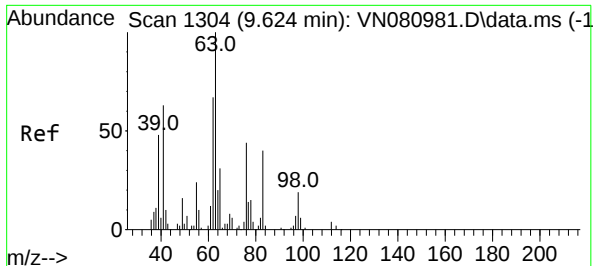
Ion Ratio Lower Upper

83 100

55 69.4 36.6 109.9

98 48.4 23.8 71.5





#39

1,2-Dichloropropane

Concen: 16.187 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

Tgt Ion: 63 Resp: 6244

Ion Ratio Lower Upper

63 100

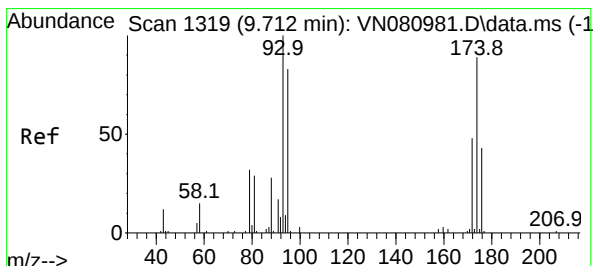
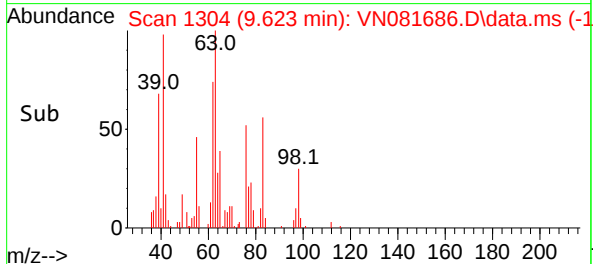
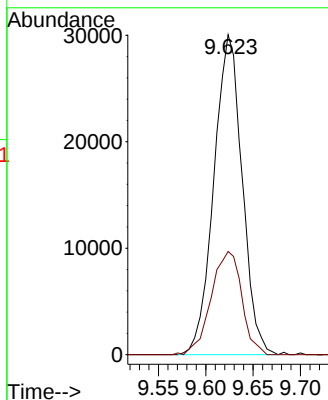
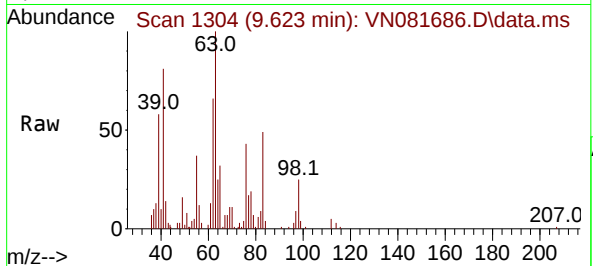
65 32.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#40

Dibromomethane

Concen: 16.517 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

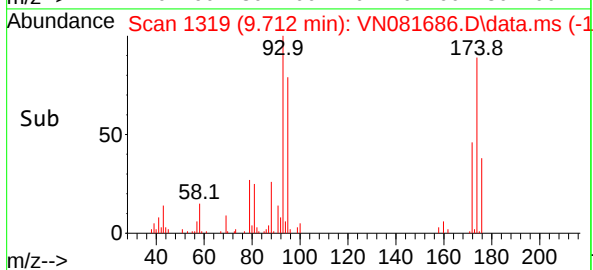
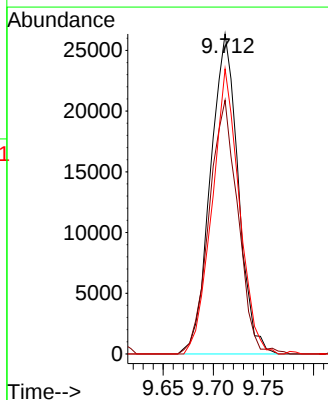
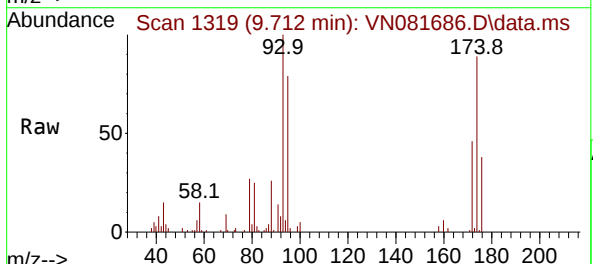
Tgt Ion: 93 Resp: 50755

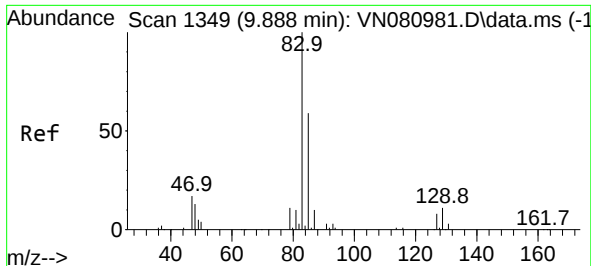
Ion Ratio Lower Upper

93 100

95 81.3 0.0 164.6

174 87.0 0.0 193.2





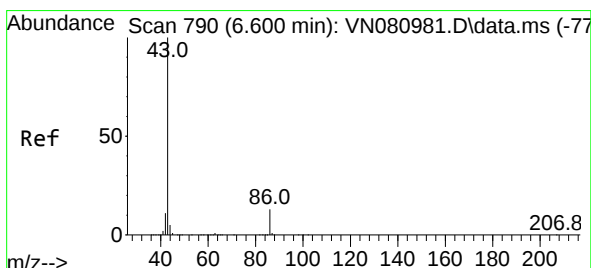
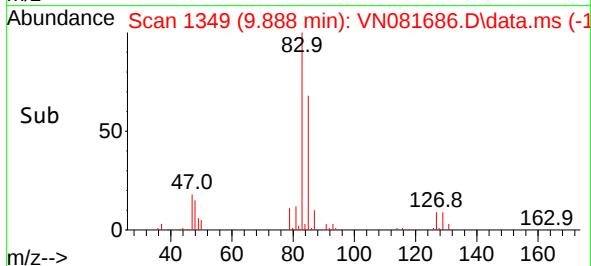
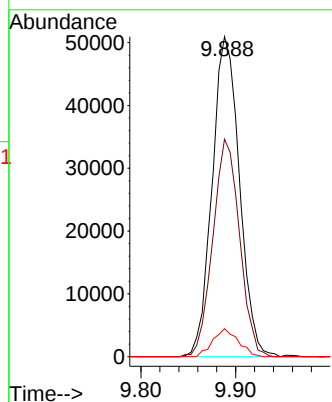
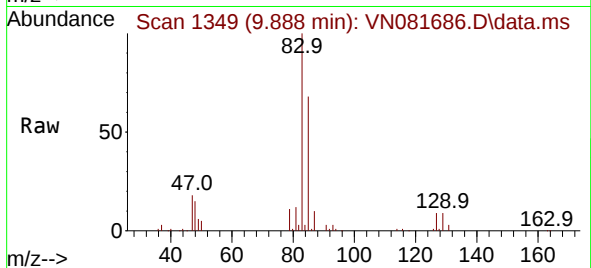
#41
Bromodichloromethane
Concen: 16.278 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

Tgt Ion: 83 Resp: 102000
Ion Ratio Lower Upper
83 100
85 68.0 49.4 74.2
127 8.8 7.3 10.9

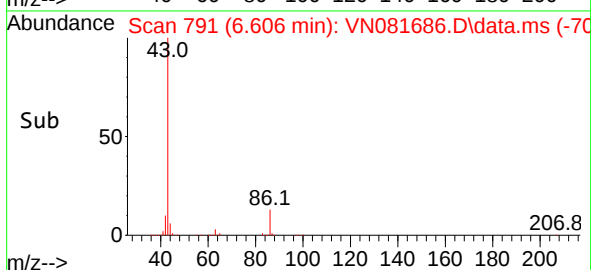
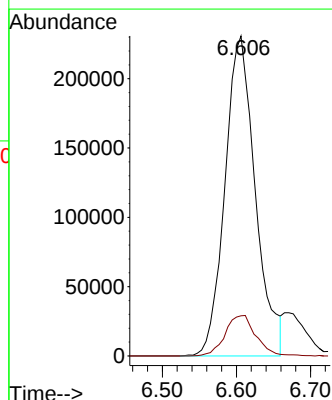
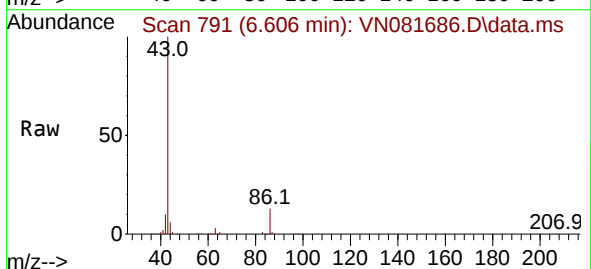
Manual Integrations
APPROVED

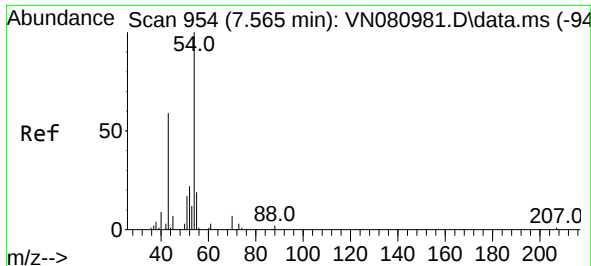
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#42
Vinyl Acetate
Concen: 80.564 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

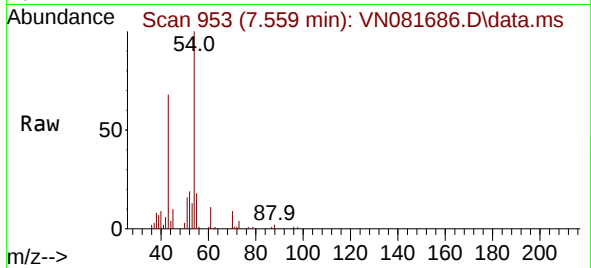
Tgt Ion: 43 Resp: 657953
Ion Ratio Lower Upper
43 100
86 12.8 9.4 14.2





#43
Ethyl Acetate
Concen: 14.588 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

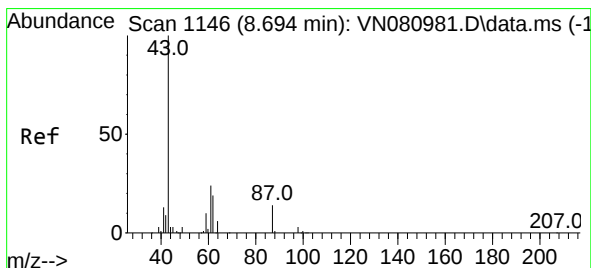
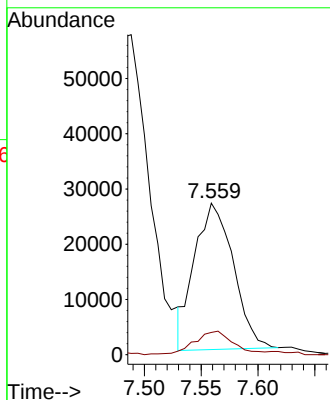
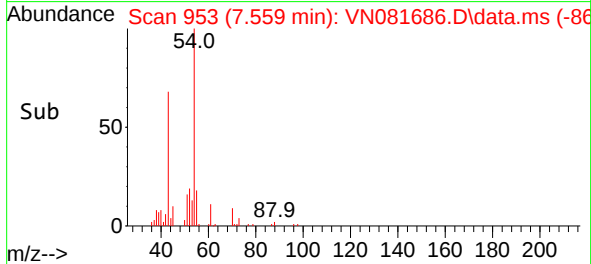
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion: 43 Resp: 63030
Ion Ratio Lower Upper
43 100
45 16.3 10.6 15.8

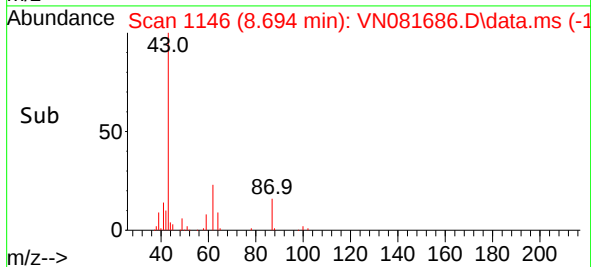
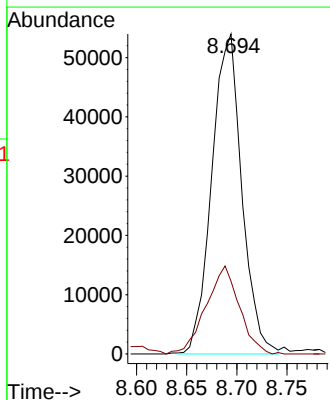
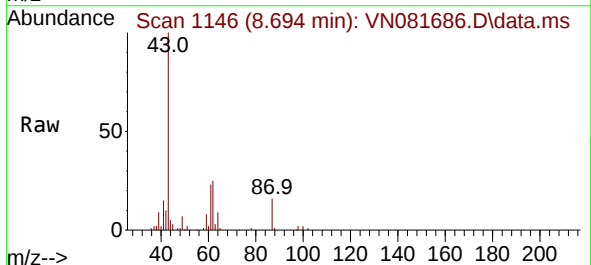
Manual Integrations
APPROVED

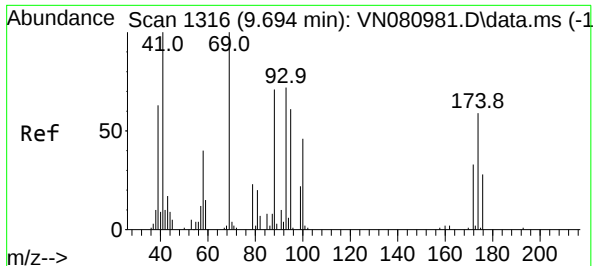
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#44
Isopropyl Acetate
Concen: 15.541 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

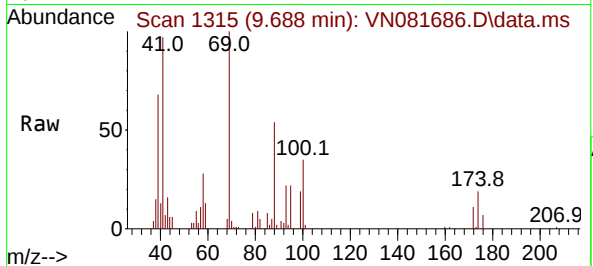
Tgt Ion: 43 Resp: 112511
Ion Ratio Lower Upper
43 100
61 30.4 25.0 37.4





#45
1,4-Dioxane
Concen: 345.328 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

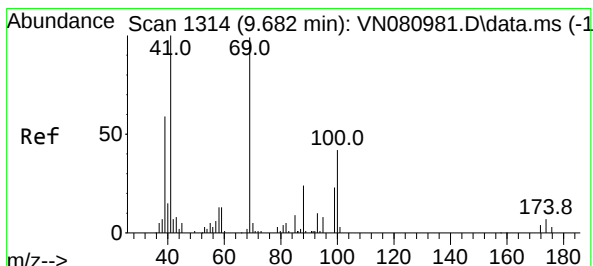
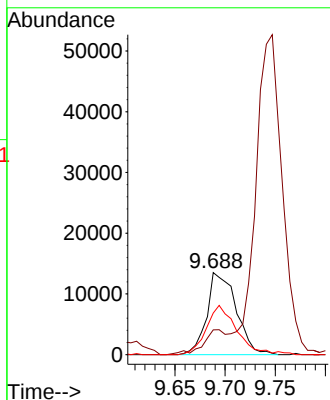
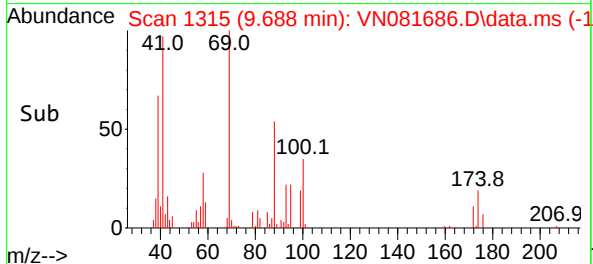
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion: 88 Resp: 2759
Ion Ratio Lower Upper
88 100
43 21.1 19.8 29.6
58 60.0 55.4 83.0

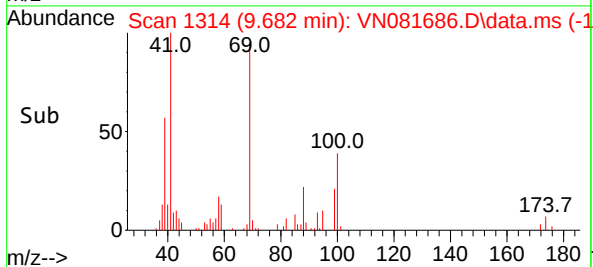
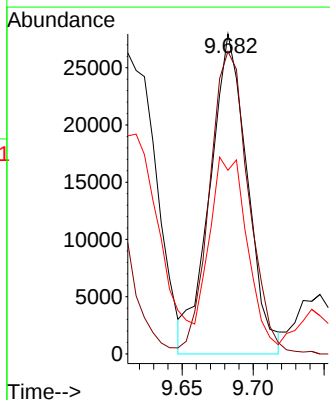
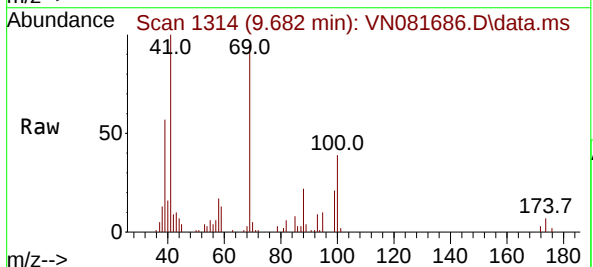
Manual Integrations
APPROVED

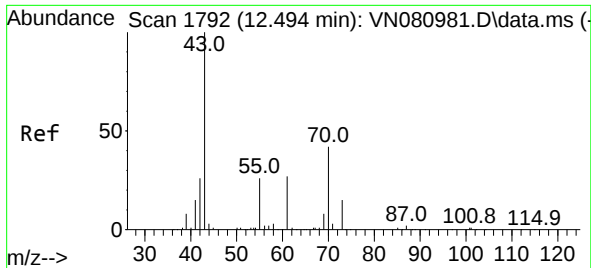
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#46
Methyl methacrylate
Concen: 15.728 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

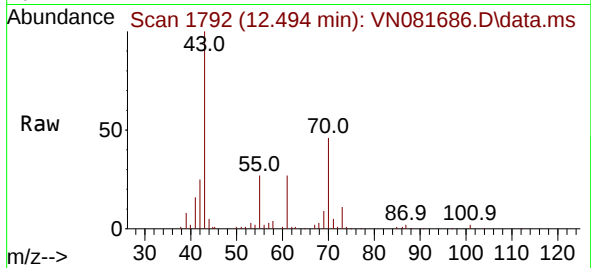
Tgt Ion: 41 Resp: 51202
Ion Ratio Lower Upper
41 100
69 99.4 51.1 153.3
39 58.5 25.8 77.3





#47
n-amyl Acetate
Concen: 14.877 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

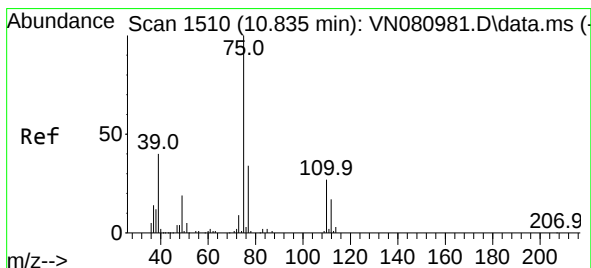
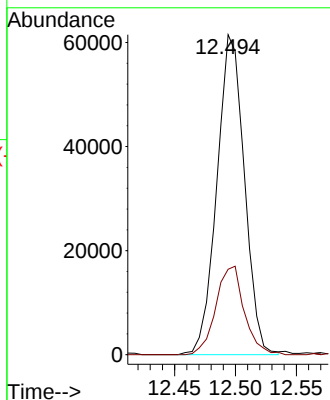
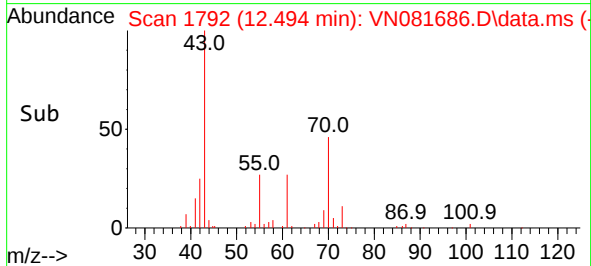
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion: 43 Resp: 9664
Ion Ratio Lower Upper
43 100
55 28.5 23.4 35.2

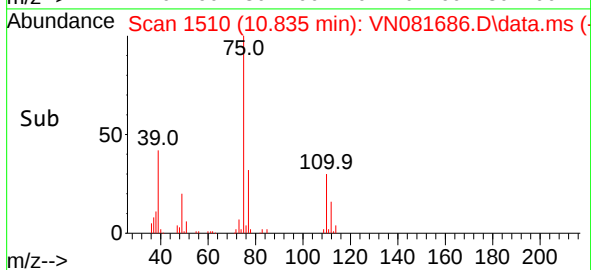
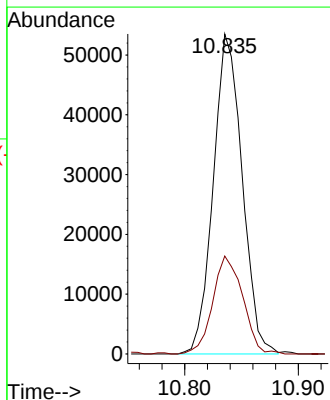
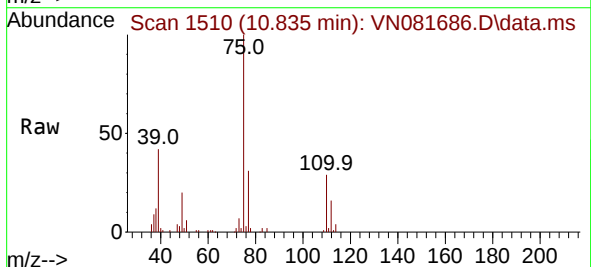
Manual Integrations
APPROVED

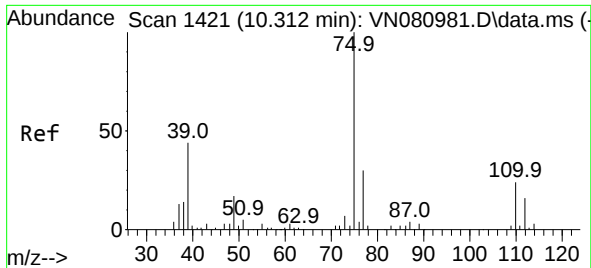
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#48
t-1,3-Dichloropropene
Concen: 15.819 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

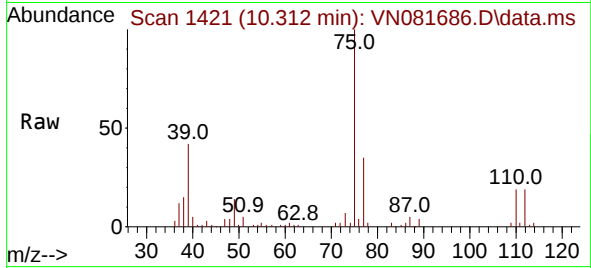
Tgt Ion: 75 Resp: 94440
Ion Ratio Lower Upper
75 100
77 30.6 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 16.388 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN081686.D
 Acq: 10 Apr 2024 17:17

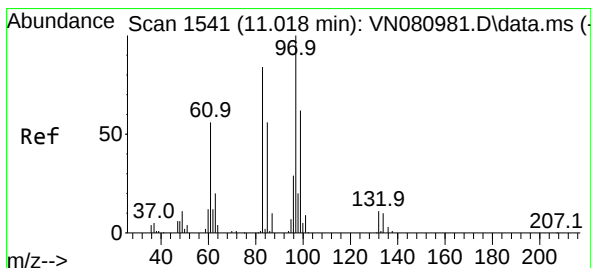
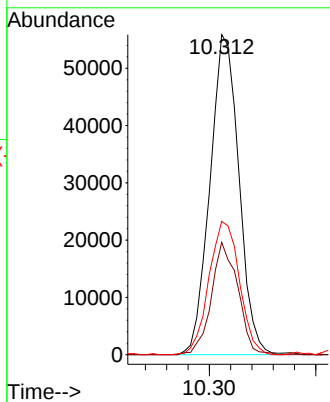
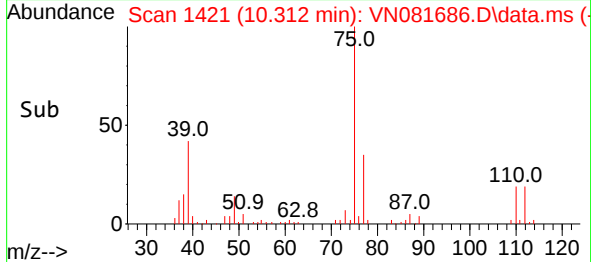
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS01



Tgt Ion: 75 Resp: 105364
 Ion Ratio Lower Upper
 75 100
 77 35.1 24.9 37.3
 39 41.7 31.0 46.6

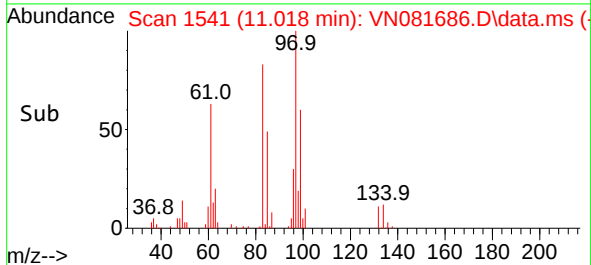
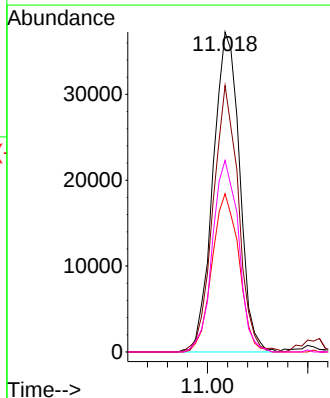
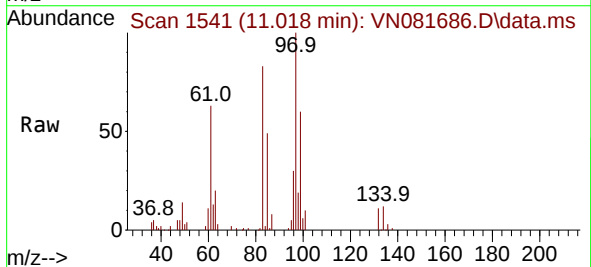
Manual Integrations
 APPROVED

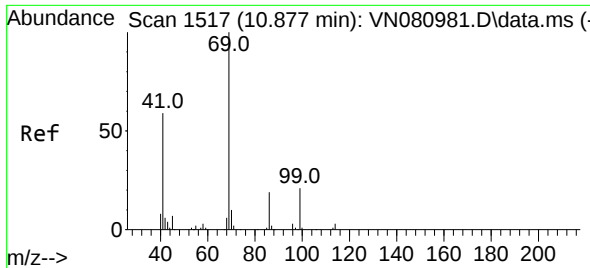
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#50
 1,1,2-Trichloroethane
 Concen: 16.625 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081686.D
 Acq: 10 Apr 2024 17:17

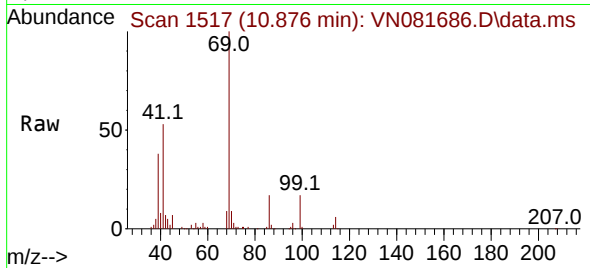
Tgt Ion: 97 Resp: 68406
 Ion Ratio Lower Upper
 97 100
 83 83.3 68.1 102.1
 85 49.4 41.8 62.6
 99 59.9 47.0 70.4





#51
Ethyl methacrylate
Concen: 15.555 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

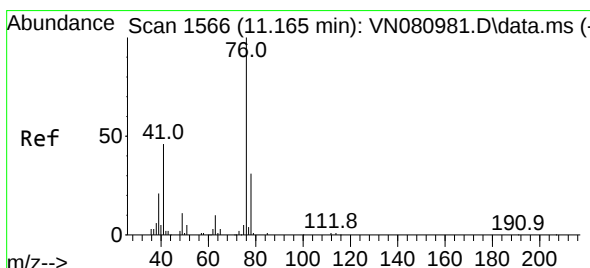
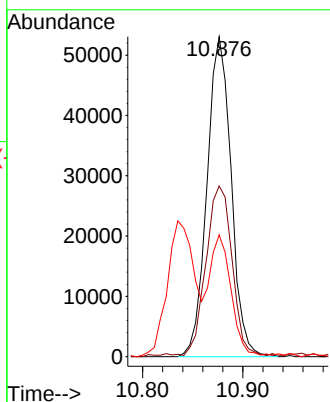
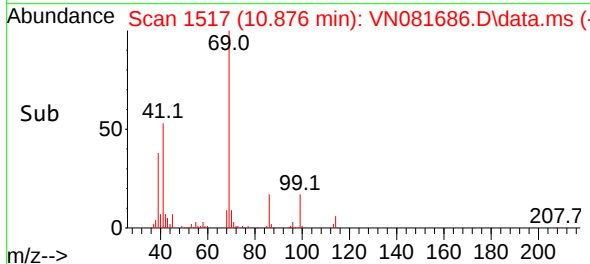
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion: 69 Resp: 89119
Ion Ratio Lower Upper
69 100
41 52.9 25.5 76.5
39 37.2 16.0 47.9

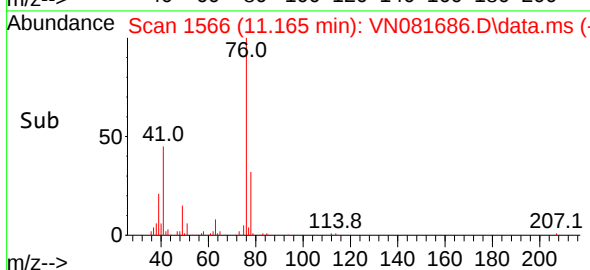
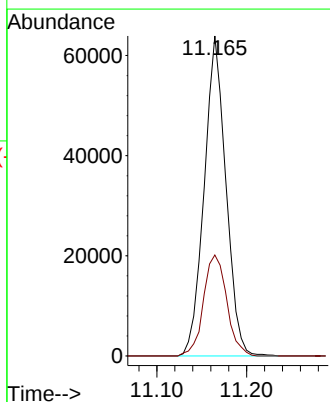
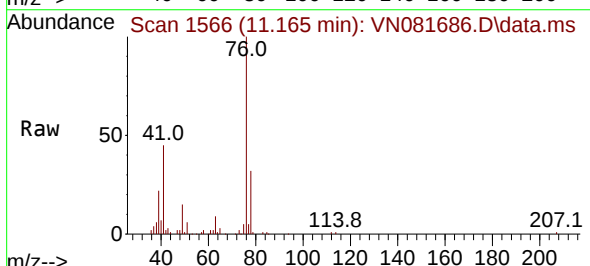
Manual Integrations
APPROVED

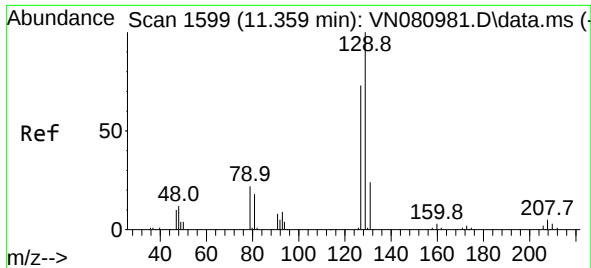
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#52
1,3-Dichloropropane
Concen: 15.927 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

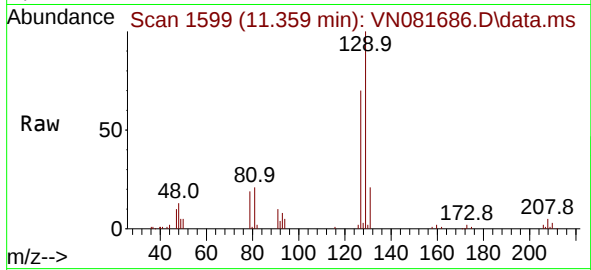
Tgt Ion: 76 Resp: 107419
Ion Ratio Lower Upper
76 100
78 33.8 0.0 65.8





#53
Dibromochloromethane
Concen: 15.807 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

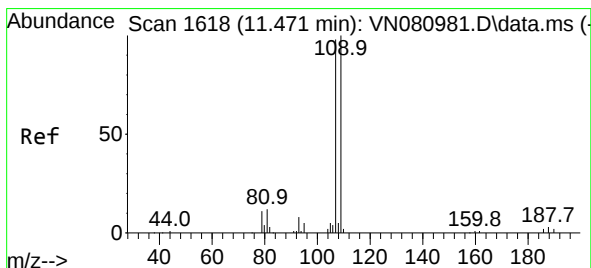
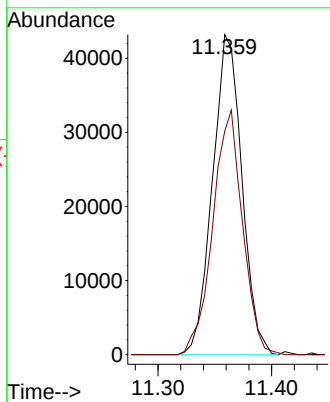
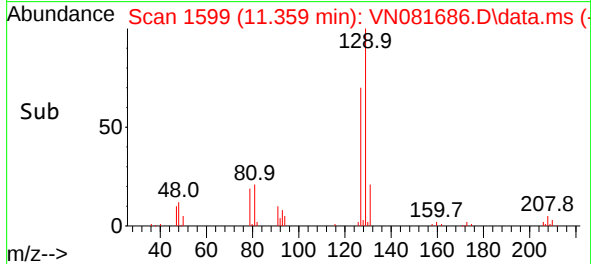
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



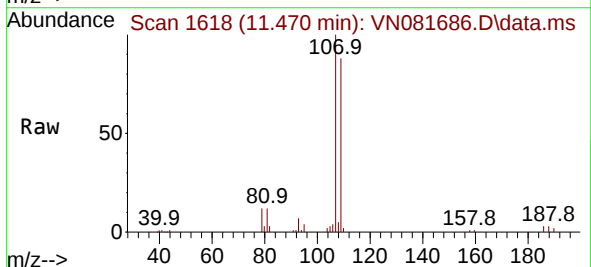
Tgt Ion:129 Resp: 7769
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.1

Manual Integrations
APPROVED

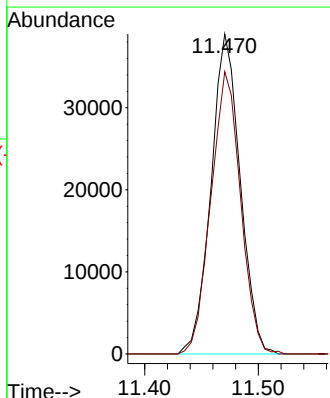
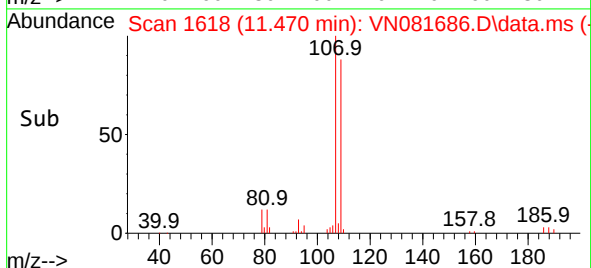
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

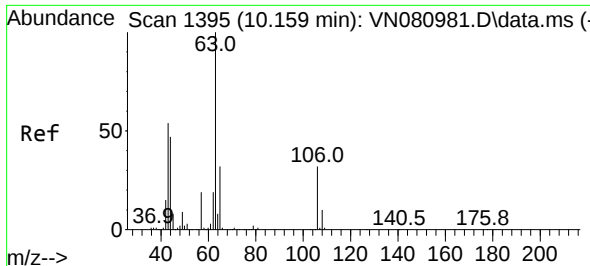


#54
1,2-Dibromoethane
Concen: 16.352 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17



Tgt Ion:107 Resp: 69550
Ion Ratio Lower Upper
107 100
109 89.7 74.7 112.1





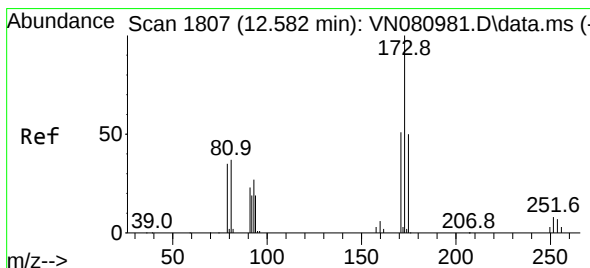
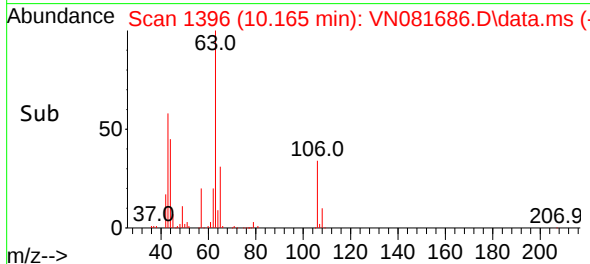
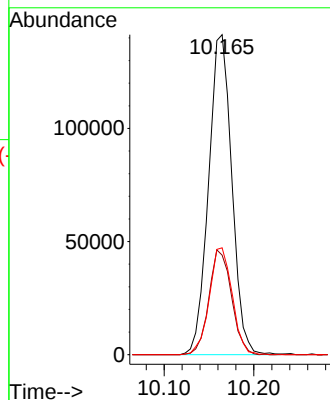
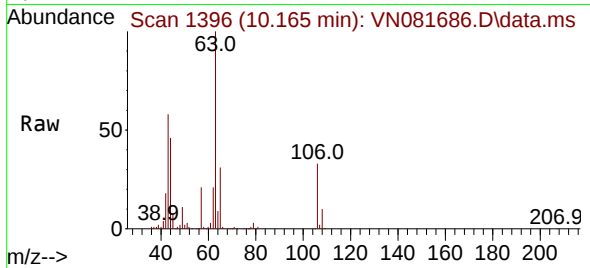
#55
2-Chloroethyl vinyl ether
Concen: 90.436 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

Tgt Ion: 63 Resp: 254444
Ion Ratio Lower Upper
63 100
65 31.9 26.2 39.2
106 32.9 23.8 35.8

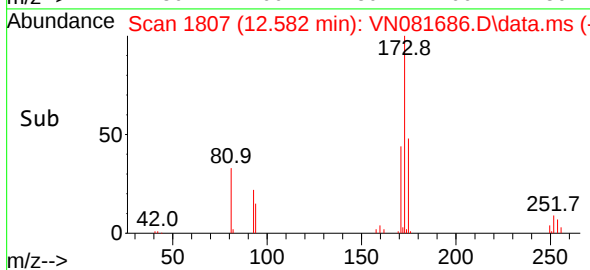
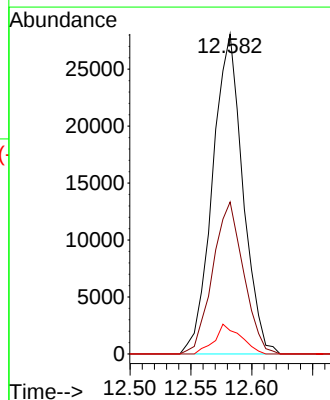
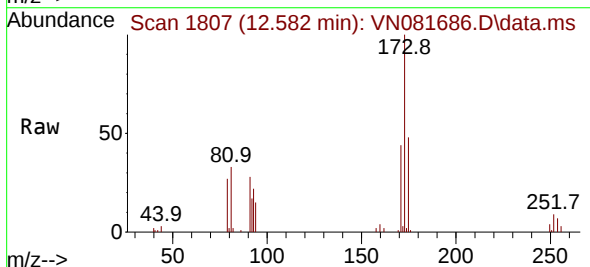
Manual Integrations
APPROVED

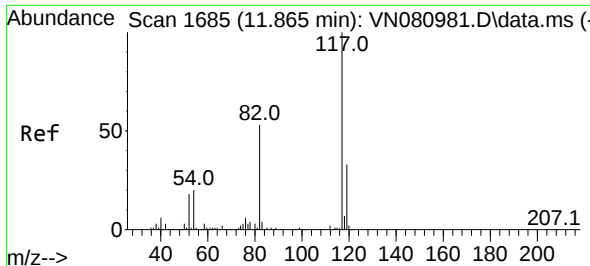
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#56
Bromoform
Concen: 15.473 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

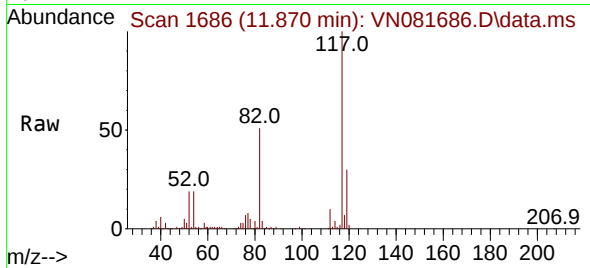
Tgt Ion:173 Resp: 48630
Ion Ratio Lower Upper
173 100
175 48.4 40.0 60.0
254 8.0 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

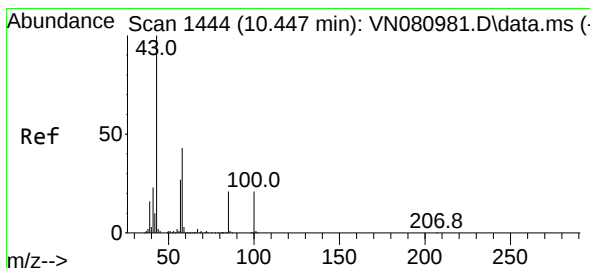
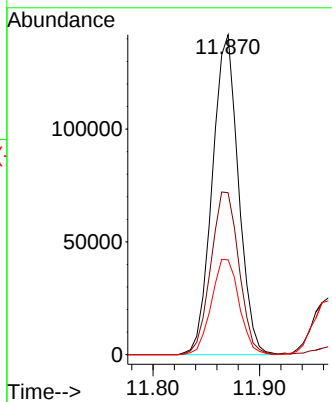
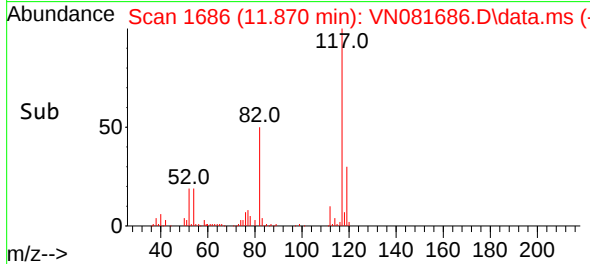
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion: 117 Resp: 242030
Ion Ratio Lower Upper
117 100
82 54.6 46.6 69.8
119 31.6 25.4 38.2

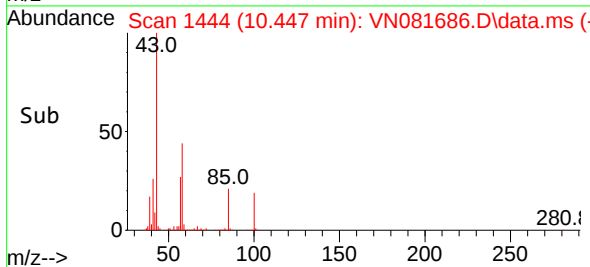
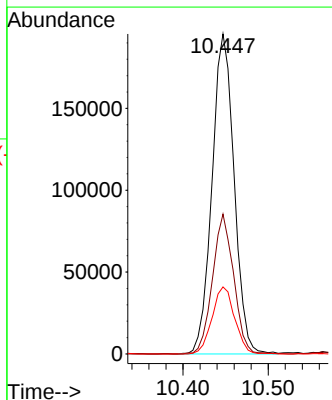
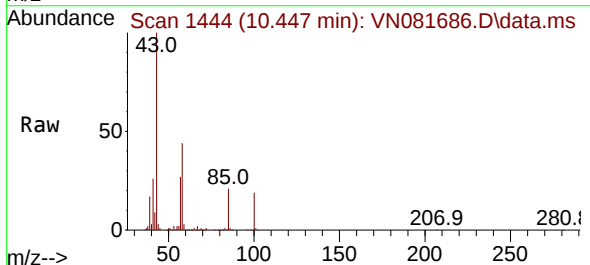
Manual Integrations
APPROVED

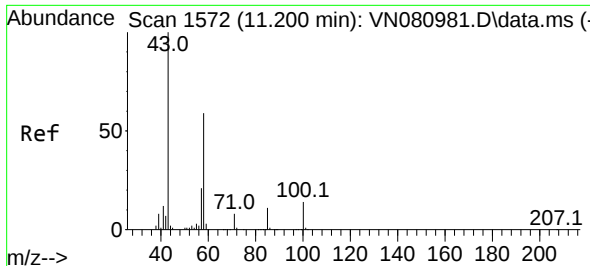
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#58
4-Methyl-2-Pentanone
Concen: 84.787 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

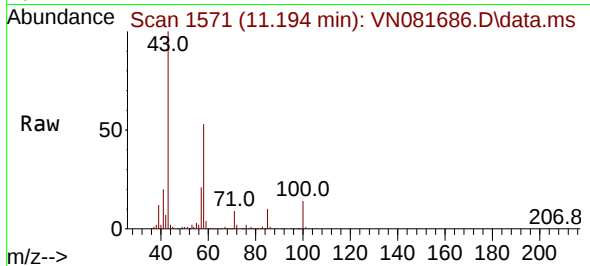
Tgt Ion: 43 Resp: 352902
Ion Ratio Lower Upper
43 100
58 41.8 36.5 54.7
85 21.3 19.5 29.3





#59
2-Hexanone
Concen: 83.844 ug/l
RT: 11.194 min Scan# 1572
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

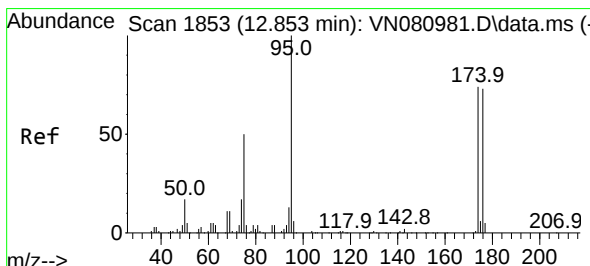
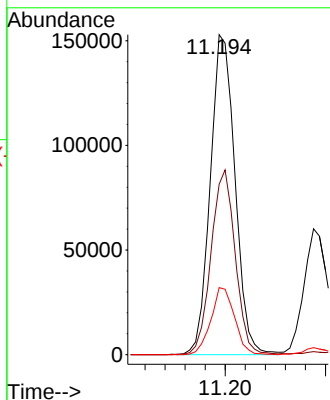
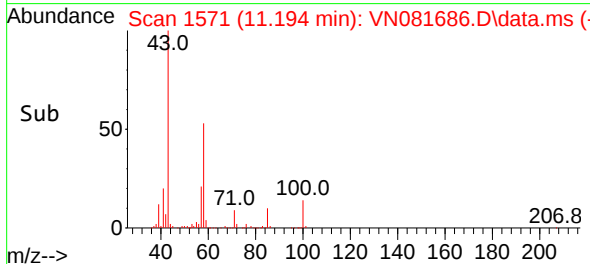
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion: 43 Resp: 262083
Ion Ratio Lower Upper
43 100
58 56.5 50.4 75.6
57 20.1 18.6 27.8

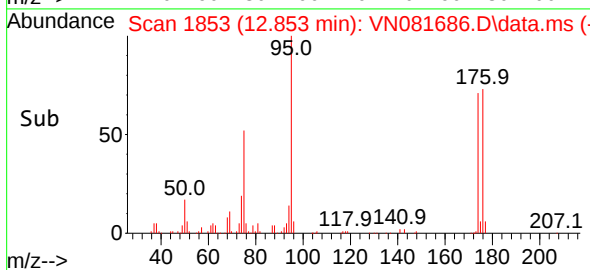
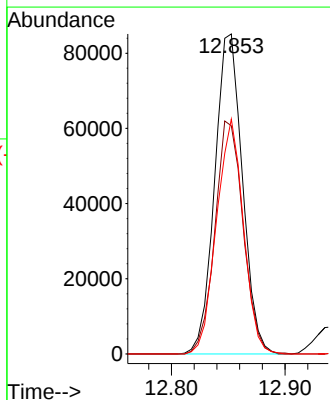
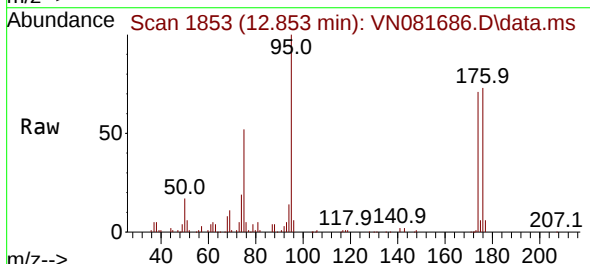
Manual Integrations
APPROVED

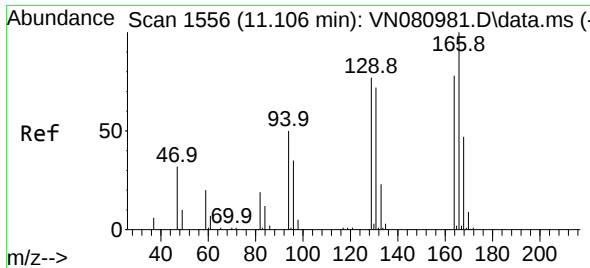
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#60
4-Bromofluorobenzene
Concen: 30.317 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

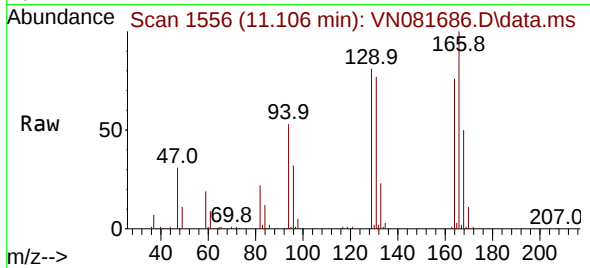
Tgt Ion: 95 Resp: 144260
Ion Ratio Lower Upper
95 100
174 74.1 60.5 90.7
176 71.1 57.8 86.6





#61
Tetrachloroethene
Concen: 17.351 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

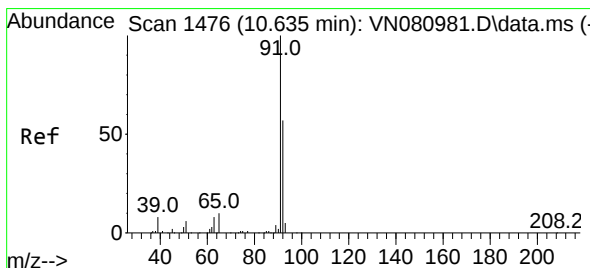
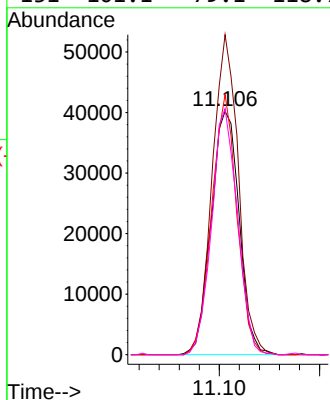
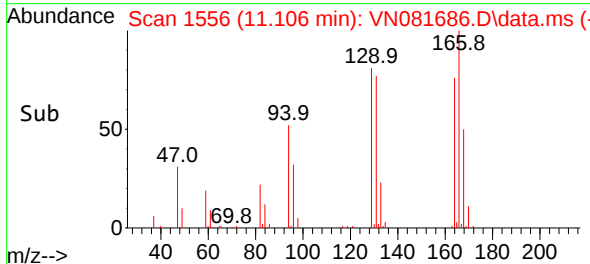
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion:164 Resp: 77815
Ion Ratio Lower Upper
164 100
166 131.4 106.7 160.1
129 106.8 85.8 128.6
131 101.1 79.1 118.7

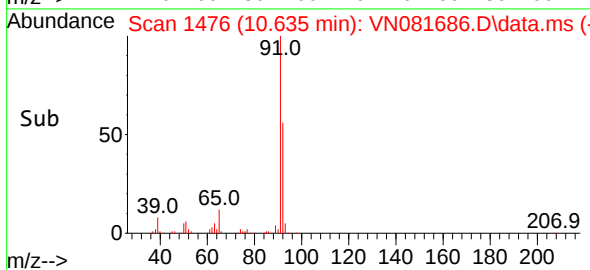
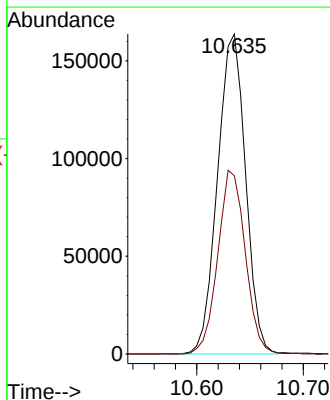
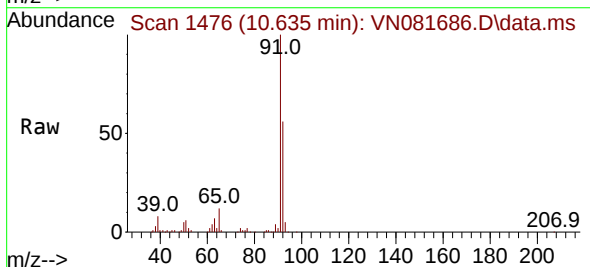
Manual Integrations
APPROVED

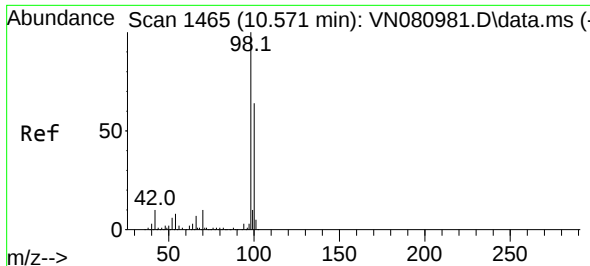
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#62
Toluene
Concen: 17.002 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

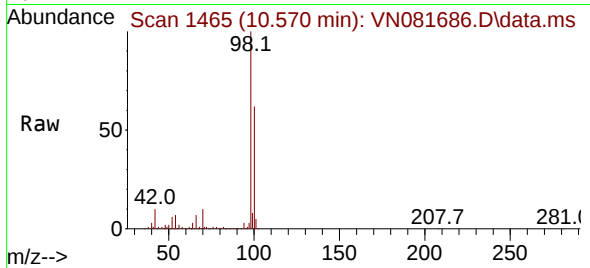
Tgt Ion: 91 Resp: 299374
Ion Ratio Lower Upper
91 100
92 56.2 46.5 69.7





#63
Toluene-d8
Concen: 30.546 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

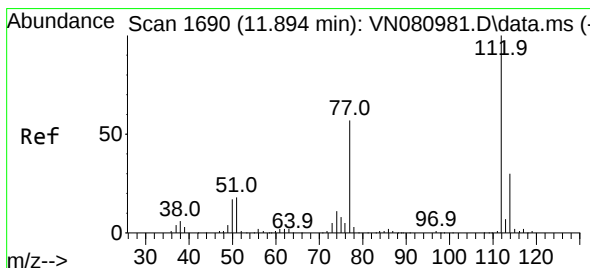
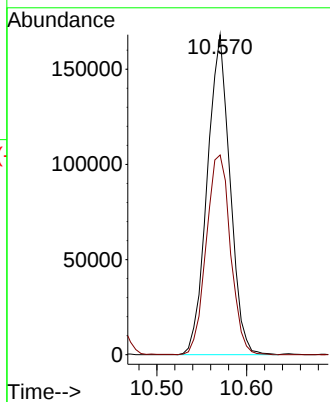
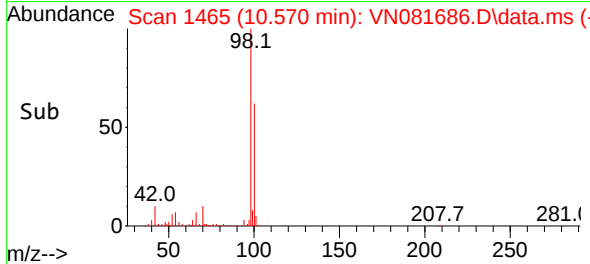
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion: 98 Resp: 29655
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1

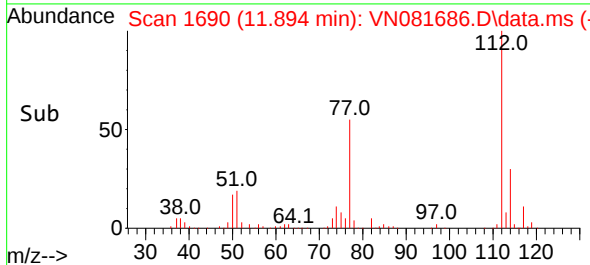
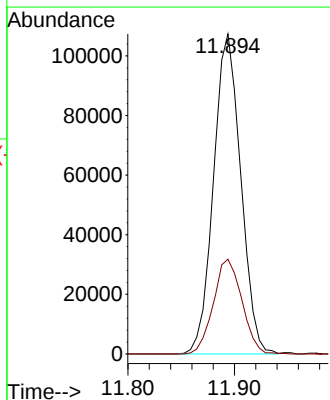
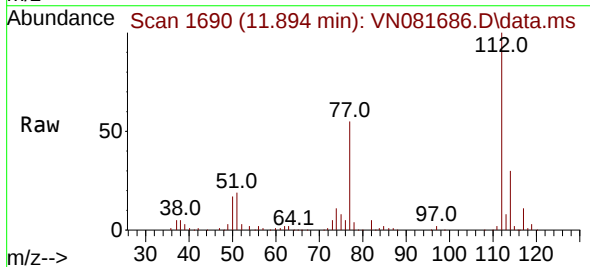
Manual Integrations
APPROVED

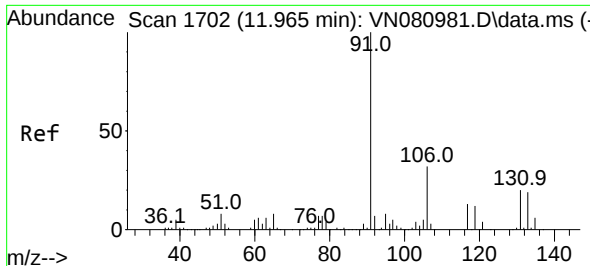
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#64
Chlorobenzene
Concen: 17.039 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

Tgt Ion:112 Resp: 190242
Ion Ratio Lower Upper
112 100
114 29.6 26.6 39.8





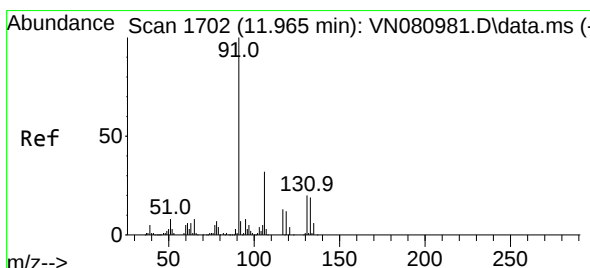
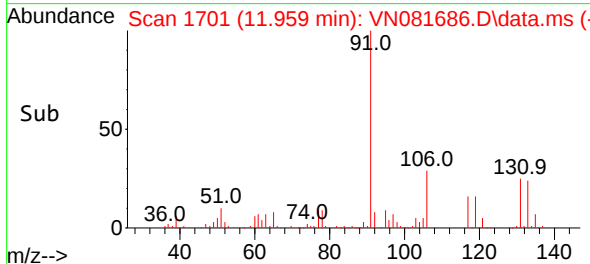
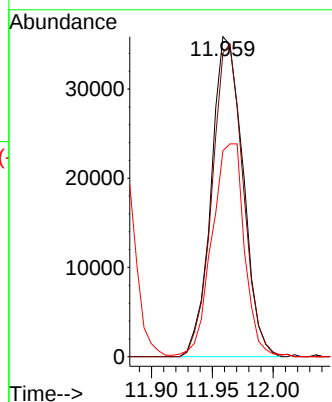
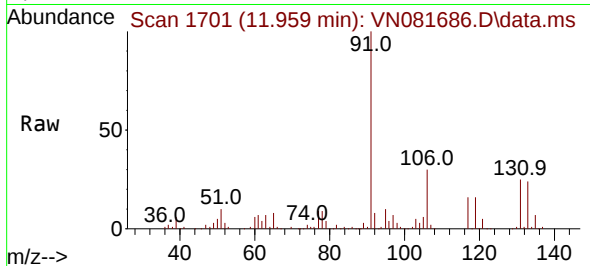
#65
1,1,1,2-Tetrachloroethane
Concen: 16.047 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

Tgt Ion:131 Resp: 65082
Ion Ratio Lower Upper
131 100
133 95.6 0.0 188.0
119 66.7 0.0 122.8

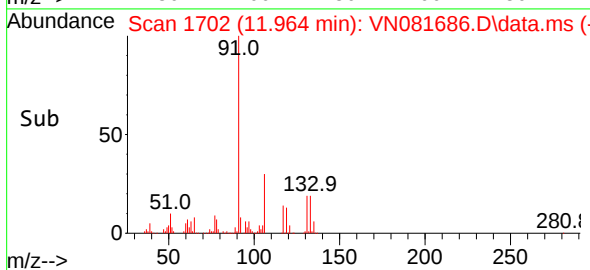
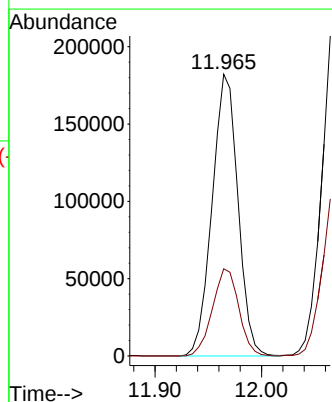
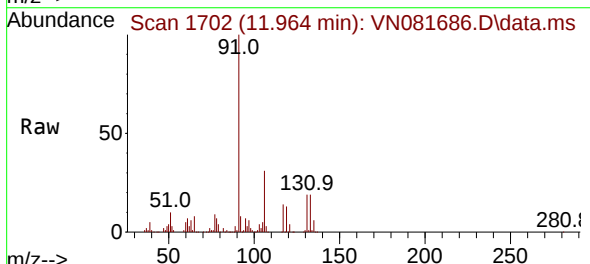
Manual Integrations
APPROVED

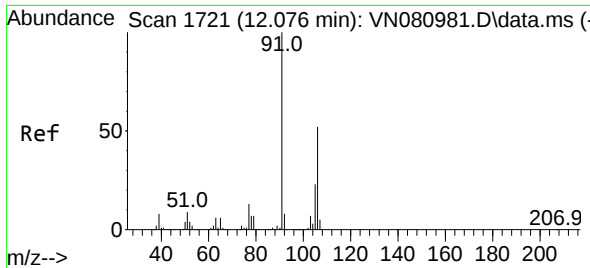
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#66
Ethyl Benzene
Concen: 16.380 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

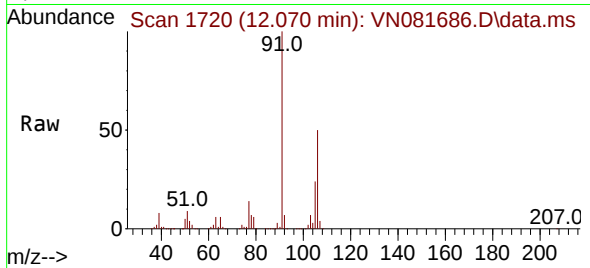
Tgt Ion: 91 Resp: 306656
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6





#67
m/p-Xylenes
Concen: 33.589 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

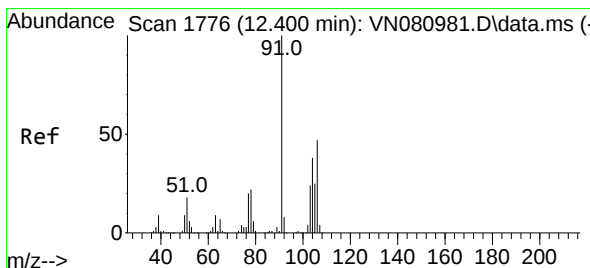
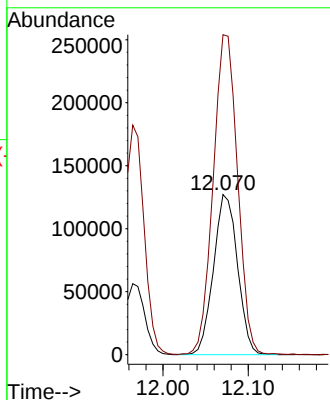
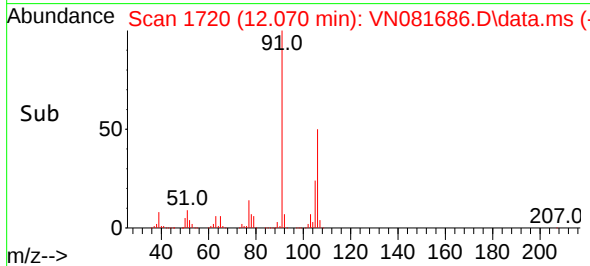
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion:106 Resp: 249080
Ion Ratio Lower Upper
106 100
91 202.7 166.6 249.8

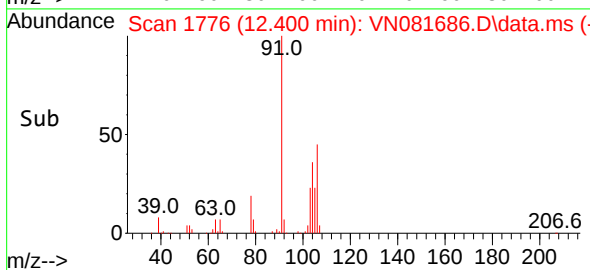
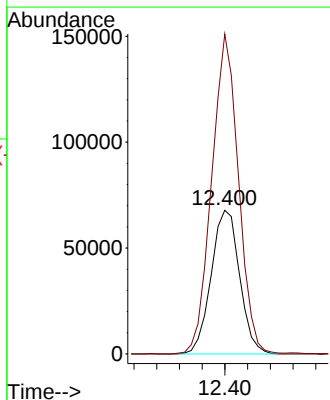
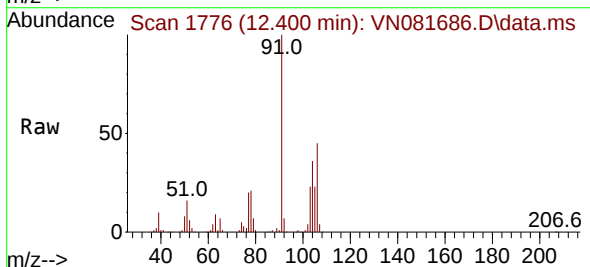
Manual Integrations
APPROVED

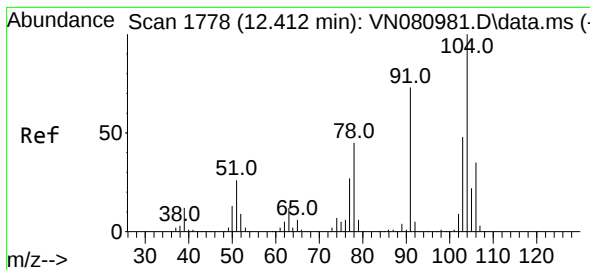
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#68
o-Xylene
Concen: 16.773 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

Tgt Ion:106 Resp: 118079
Ion Ratio Lower Upper
106 100
91 209.4 110.0 330.0





#69

Styrene

Concen: 16.556 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

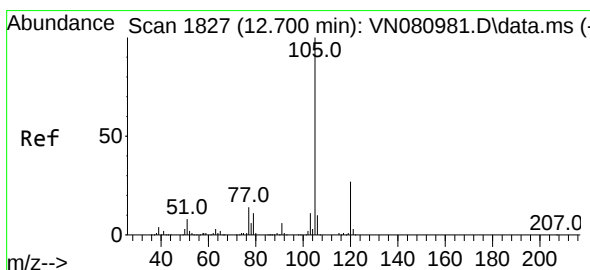
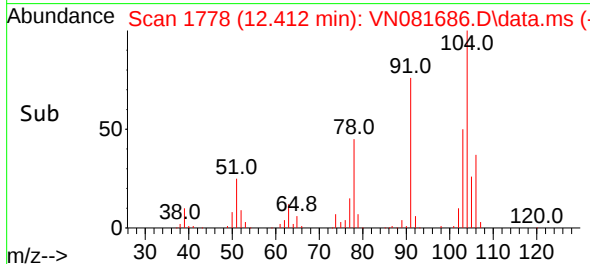
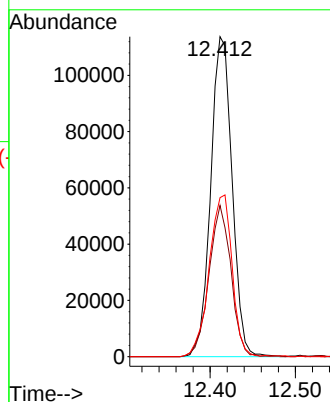
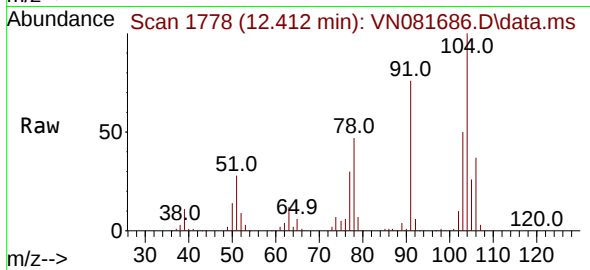
Tgt Ion:104	Resp: 19849
Ion Ratio	Lower Upper
104 100	
78 48.4	42.6 64.0
103 54.1	43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#70

Isopropylbenzene

Concen: 16.923 ug/l

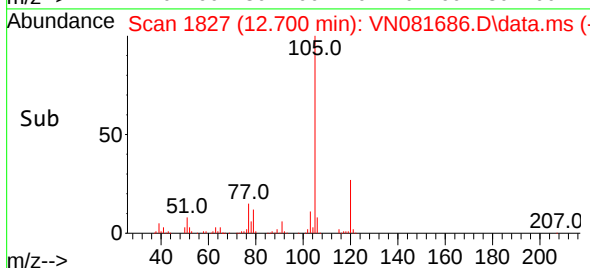
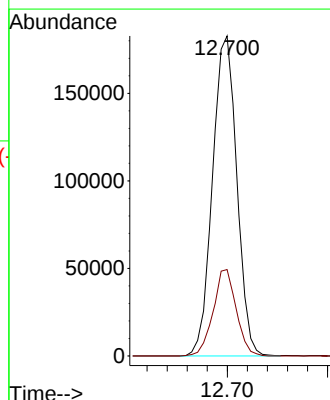
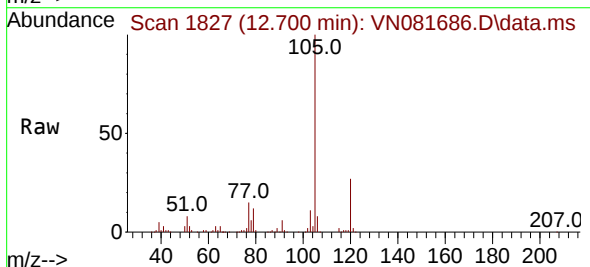
RT: 12.700 min Scan# 1827

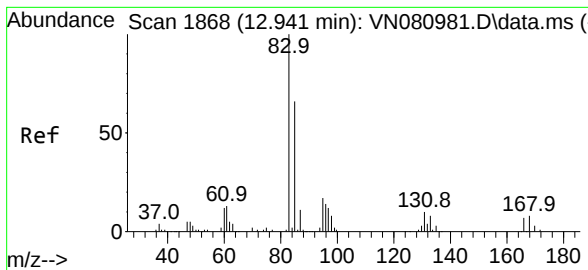
Delta R.T. 0.006 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

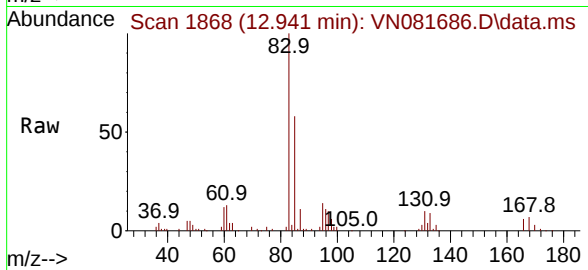
Tgt Ion:105	Resp: 307352
Ion Ratio	Lower Upper
105 100	
120 25.7	17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 17.725 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

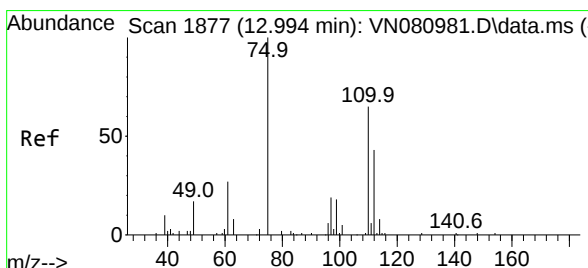
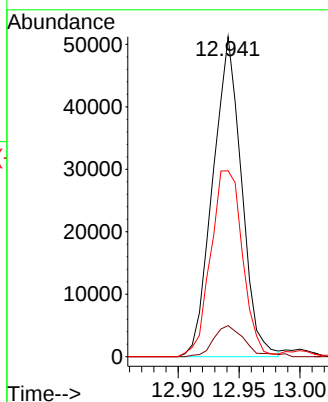
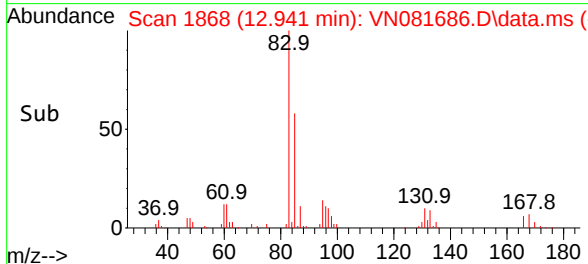
Instrument : MSVOA_N
ClientSampleId : VN0410WBS01



Tgt Ion: 83 Resp: 84092
Ion Ratio Lower Upper
83 100
131 10.1 5.2 15.6
85 64.3 32.3 96.8

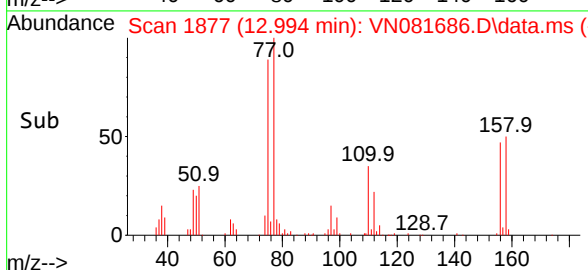
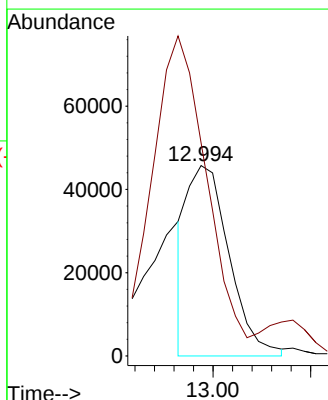
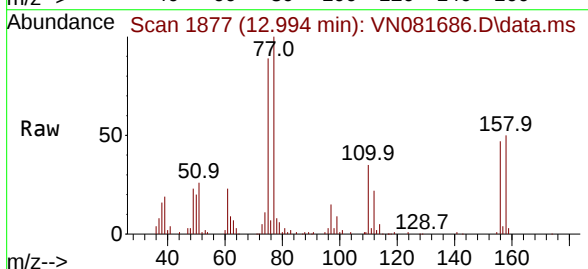
Manual Integrations
APPROVED

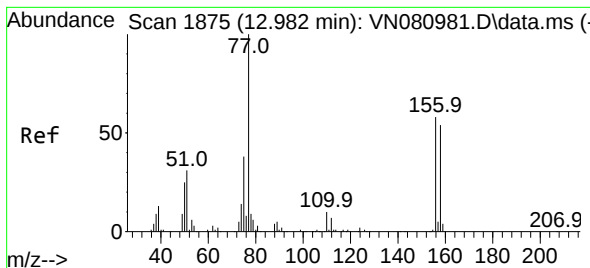
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#72
1,2,3-Trichloropropane
Concen: 15.528 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

Tgt Ion: 75 Resp: 68202
Ion Ratio Lower Upper
75 100
77 223.0 0.0 367.6





#73

Bromobenzene

Concen: 16.508 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

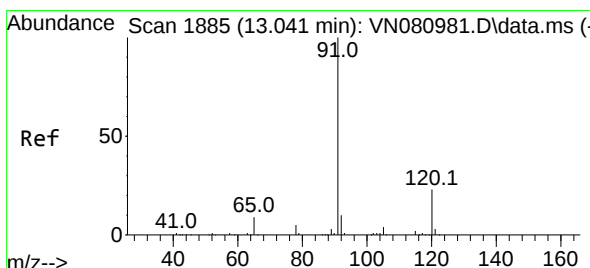
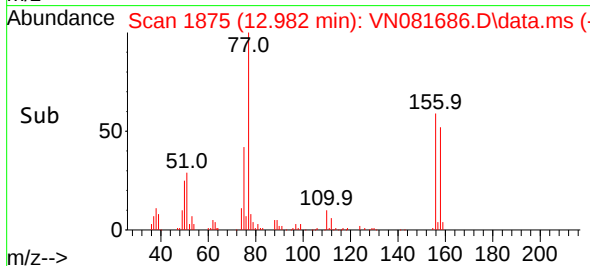
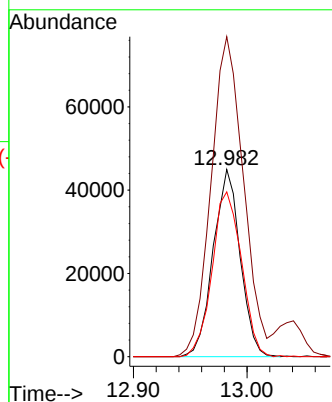
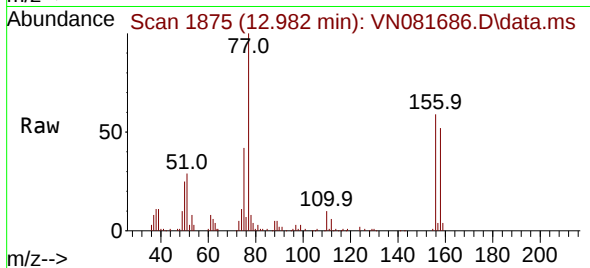
Tgt Ion:	156	Resp:	74289
Ion Ratio	Lower	Upper	
156	100		
77	204.7	0.0	437.6
158	95.8	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#74

n-propylbenzene

Concen: 16.503 ug/l

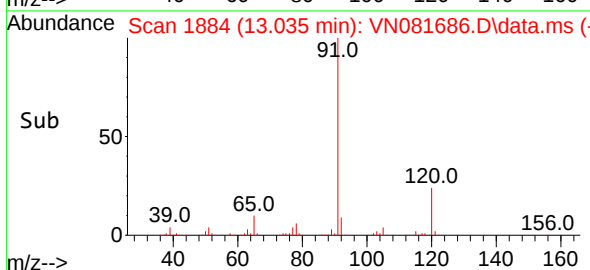
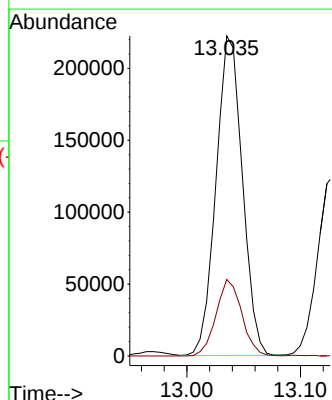
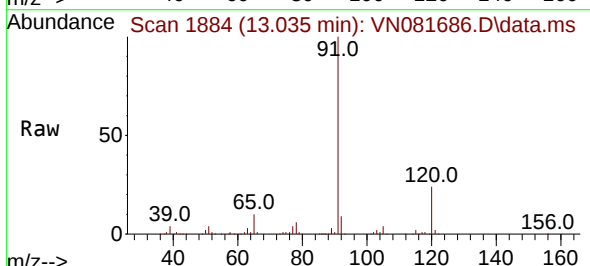
RT: 13.035 min Scan# 1884

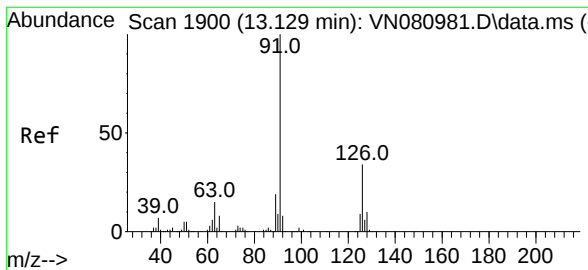
Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Tgt Ion:	91	Resp:	358776
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	43.8





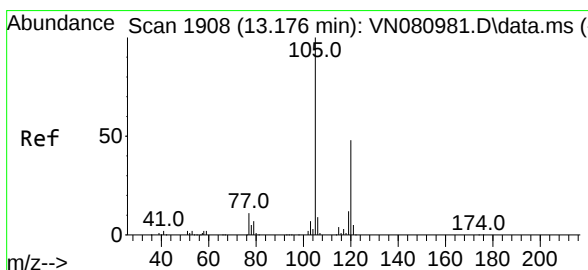
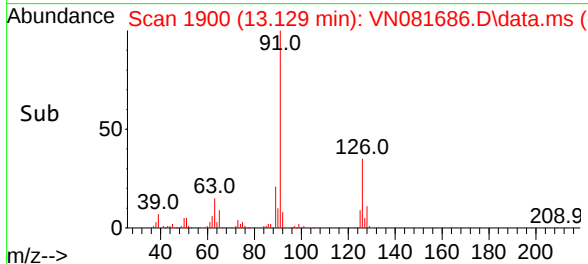
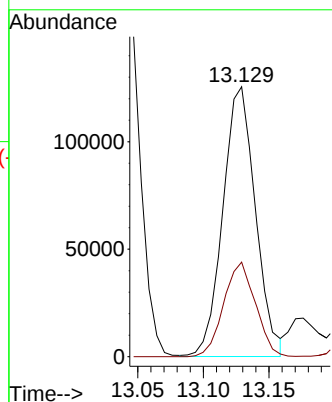
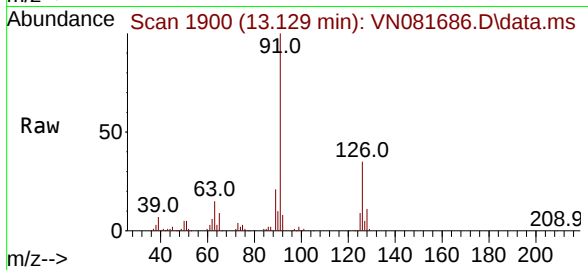
#75
2-Chlorotoluene
Concen: 16.751 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

Tgt Ion: 91 Resp: 216962
Ion Ratio Lower Upper
91 100
126 34.2 0.0 61.2

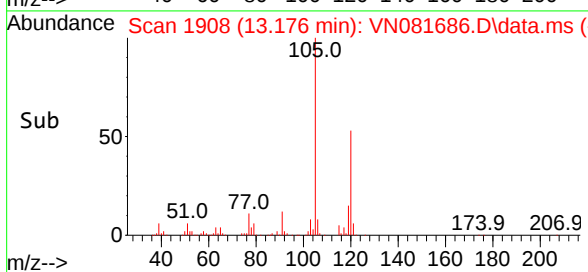
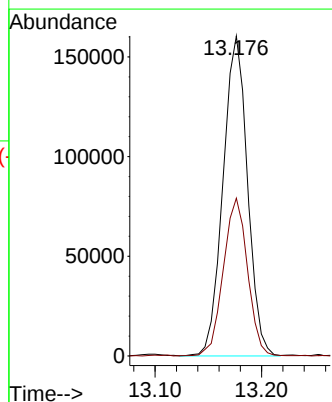
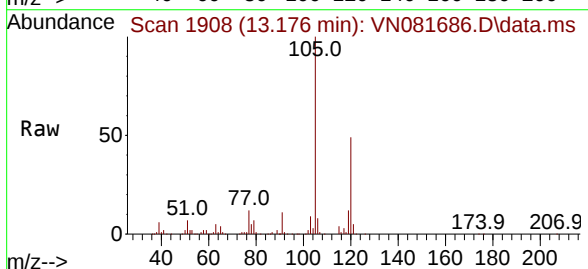
Manual Integrations
APPROVED

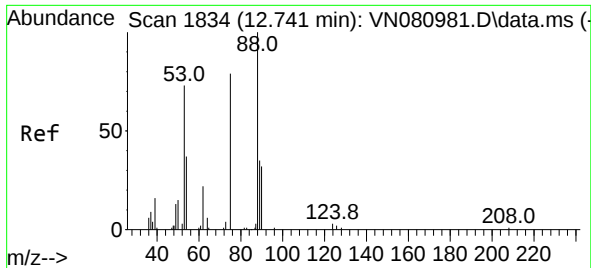
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#76
1,3,5-Trimethylbenzene
Concen: 16.601 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

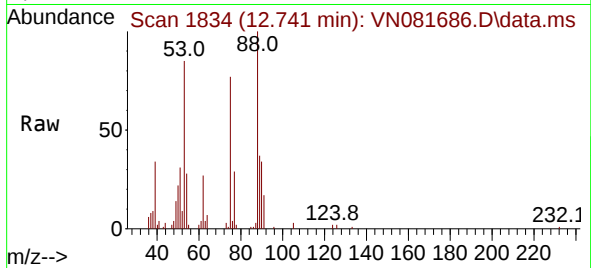
Tgt Ion:105 Resp: 255904
Ion Ratio Lower Upper
105 100
120 48.8 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 16.002 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

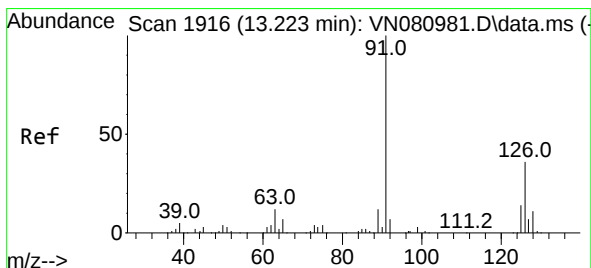
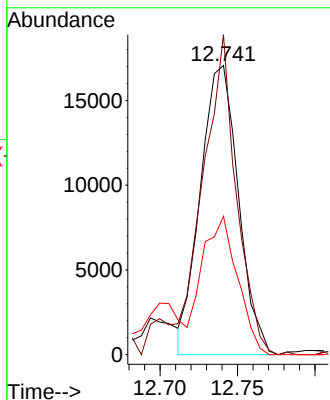
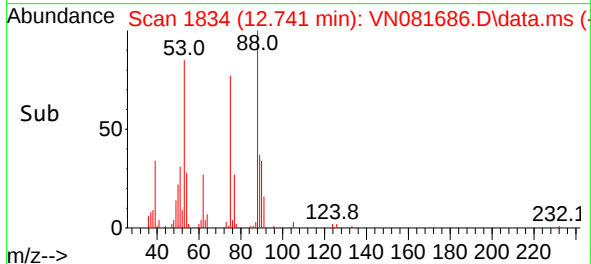
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	110.6	45.9	137.7
89	47.8	25.9	77.7

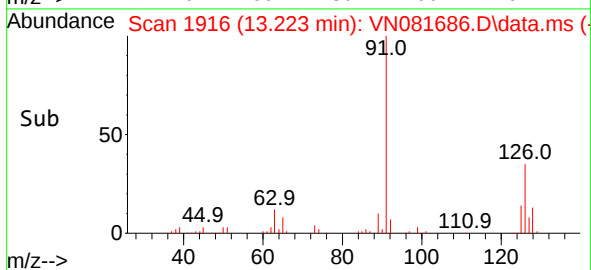
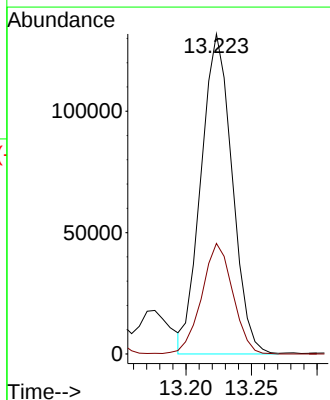
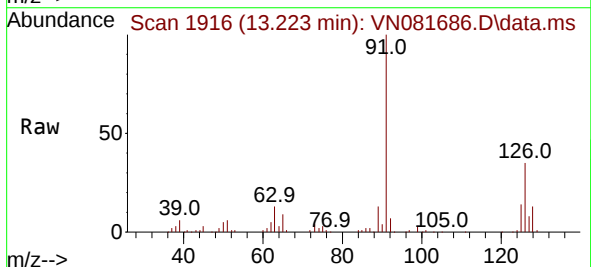
Manual Integrations
APPROVED

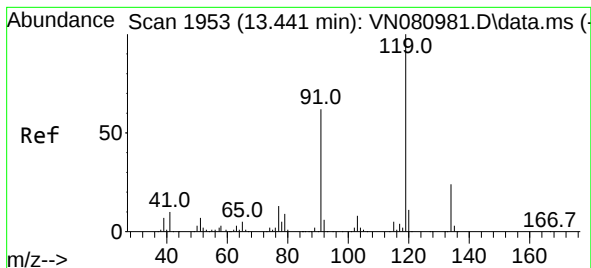
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#78
4-Chlorotoluene
Concen: 16.946 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

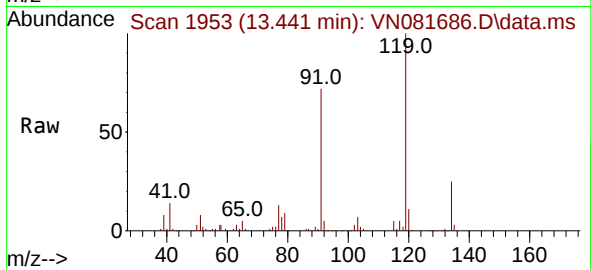
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	0.0	62.8





#79
tert-butylbenzene
Concen: 16.580 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

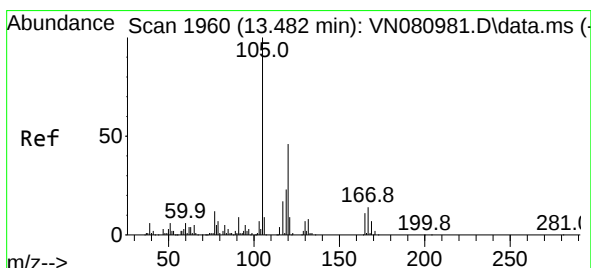
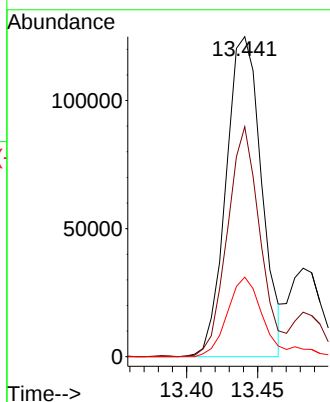
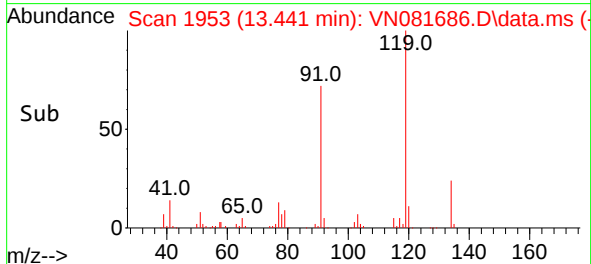
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion:119 Resp: 217438
Ion Ratio Lower Upper
119 100
91 66.8 0.0 138.8
134 24.1 0.0 48.6

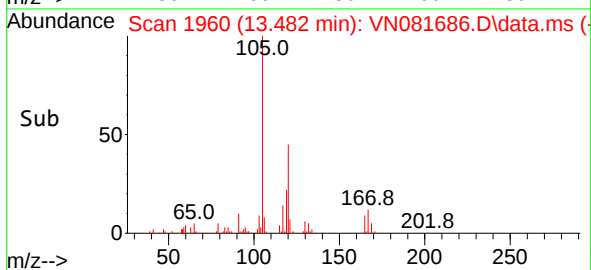
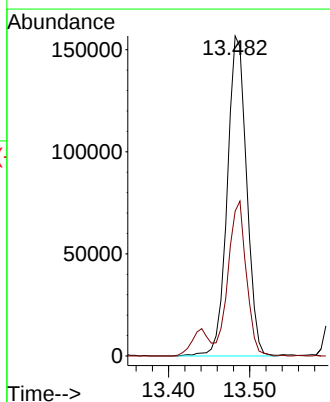
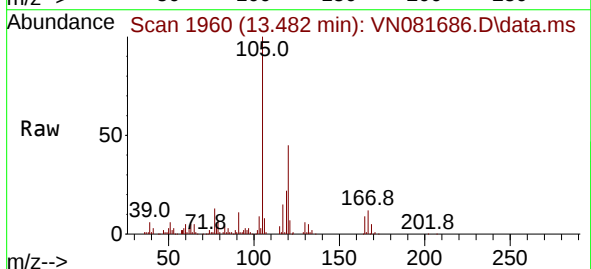
Manual Integrations
APPROVED

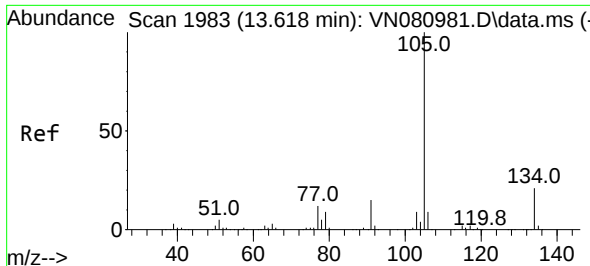
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#80
1,2,4-Trimethylbenzene
Concen: 16.856 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

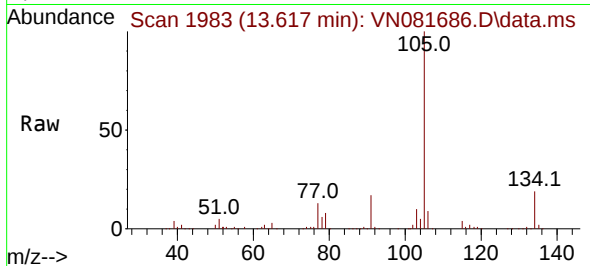
Tgt Ion:105 Resp: 259136
Ion Ratio Lower Upper
105 100
120 45.7 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 16.349 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081686.D
 Acq: 10 Apr 2024 17:17

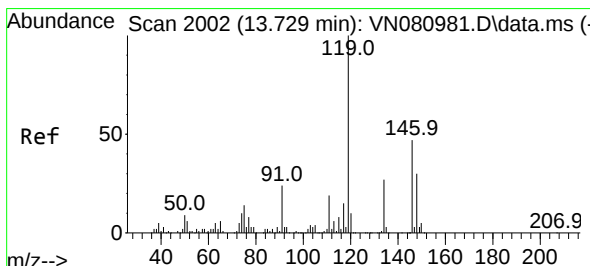
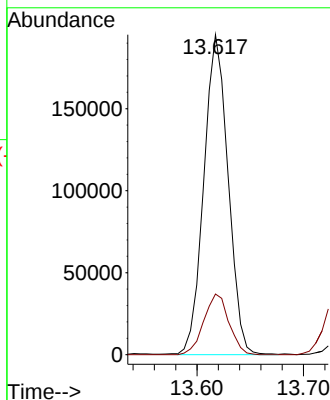
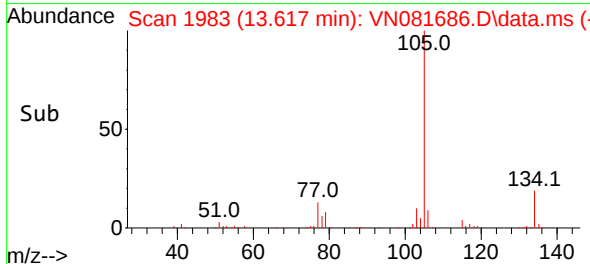
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS01



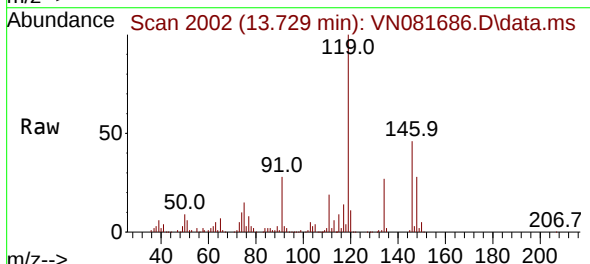
Tgt Ion:105 Resp: 30922
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.0

Manual Integrations
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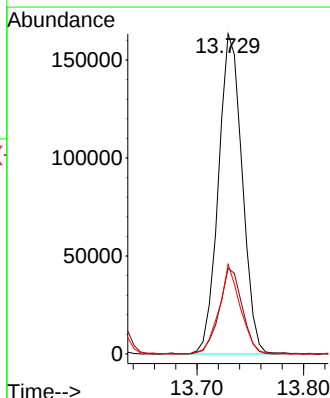
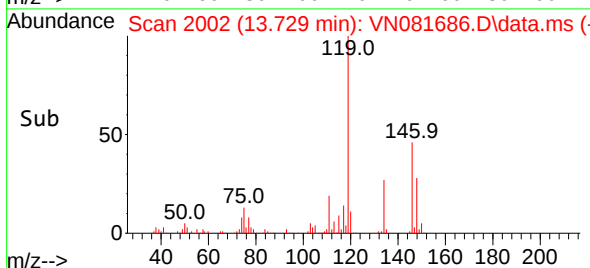
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024

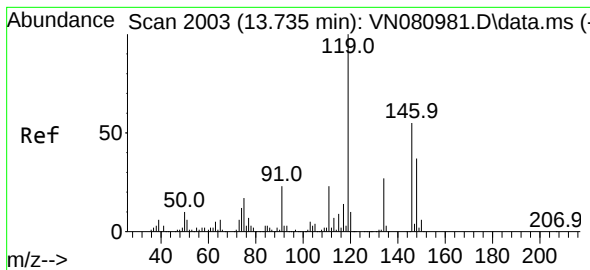


#82
 p-Isopropyltoluene
 Concen: 15.949 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081686.D
 Acq: 10 Apr 2024 17:17



Tgt Ion:119 Resp: 252982
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 49.2
 91 25.2 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 17.066 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

Tgt Ion:146 Resp: 143530

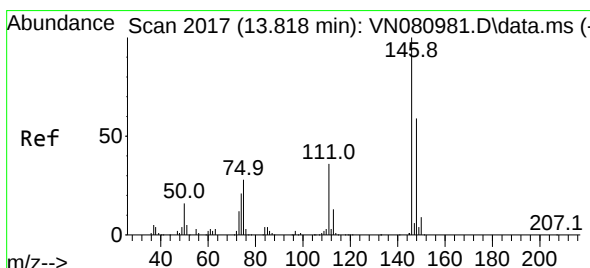
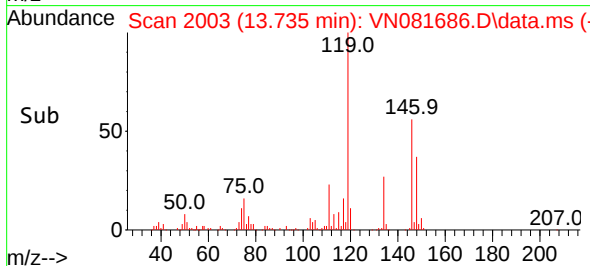
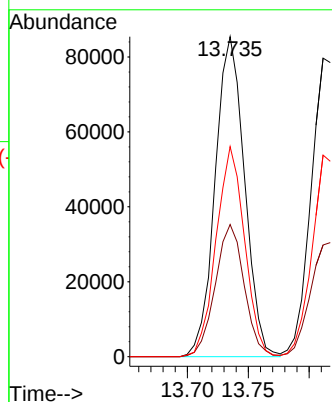
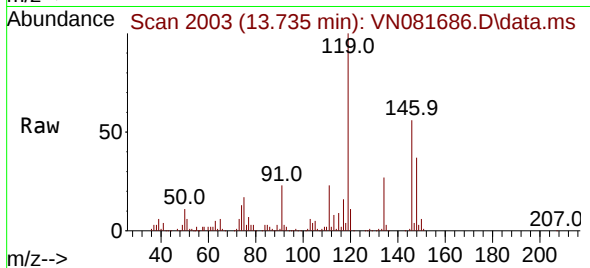
Ion	Ratio	Lower	Upper
146	100		
111	40.8	22.4	67.0
148	63.6	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#84

1,4-Dichlorobenzene

Concen: 17.072 ug/l

RT: 13.811 min Scan# 2016

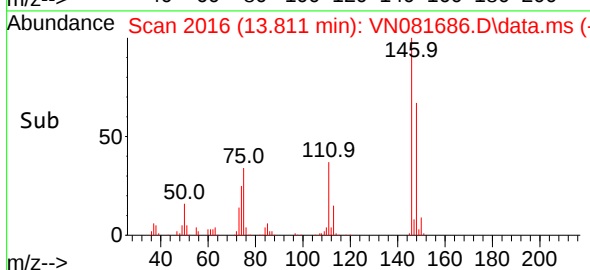
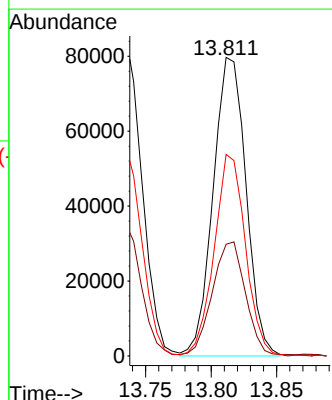
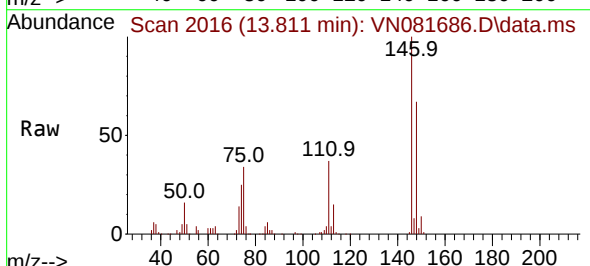
Delta R.T. -0.000 min

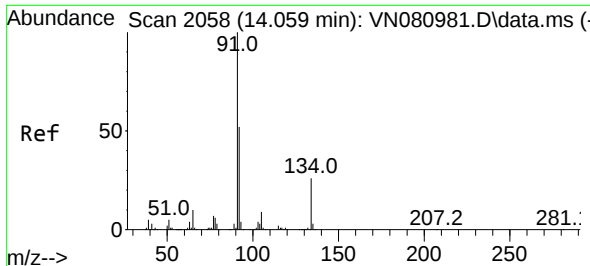
Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Tgt Ion:146 Resp: 138990

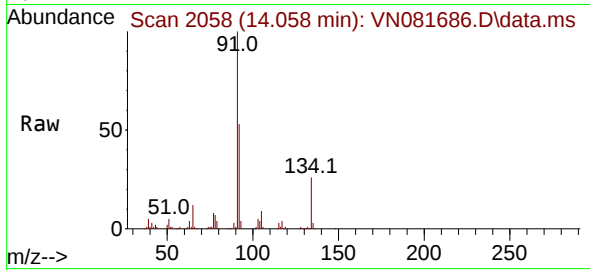
Ion	Ratio	Lower	Upper
146	100		
111	38.6	21.3	63.9
148	63.7	31.9	95.5





#85
n-Butylbenzene
Concen: 15.759 ug/l
RT: 14.058 min Scan# 21056
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

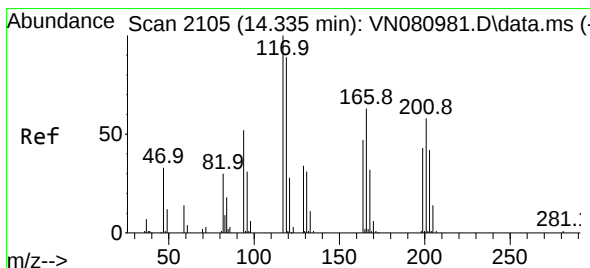
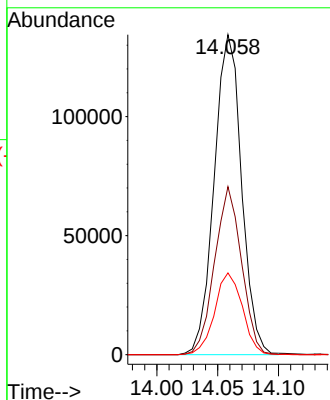
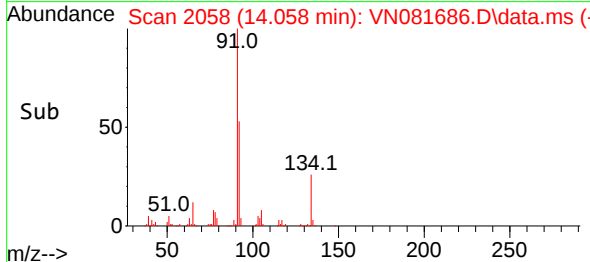
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion: 91 Resp: 21056
Ion Ratio Lower Upper
91 100
92 51.5 0.0 105.0
134 25.9 0.0 51.8

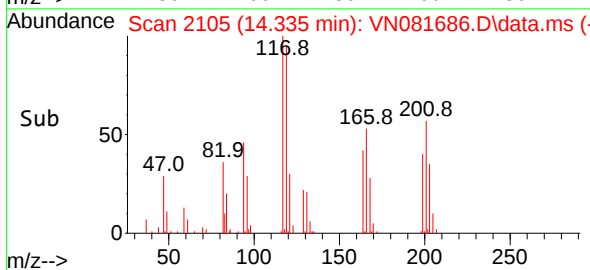
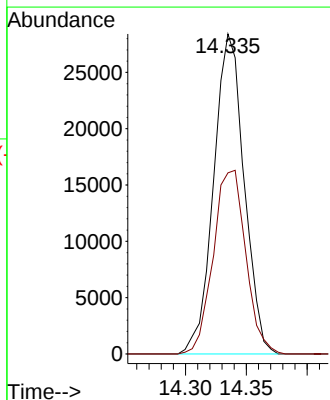
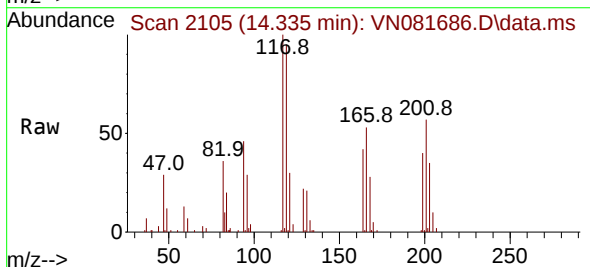
Manual Integrations
APPROVED

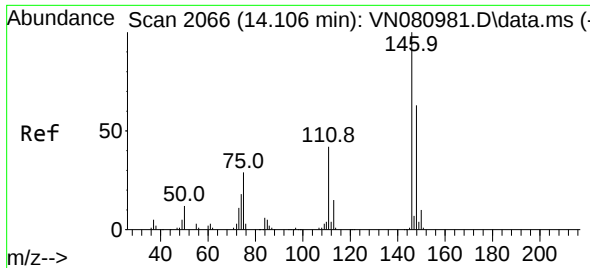
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#86
Hexachloroethane
Concen: 16.321 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

Tgt Ion:117 Resp: 49460
Ion Ratio Lower Upper
117 100
201 61.3 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 16.920 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

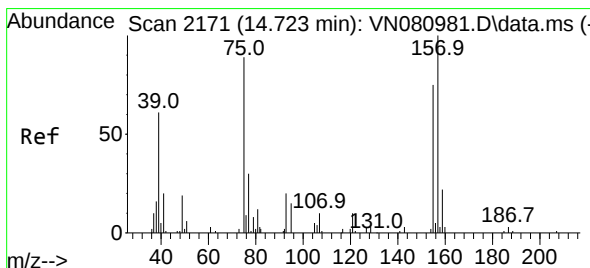
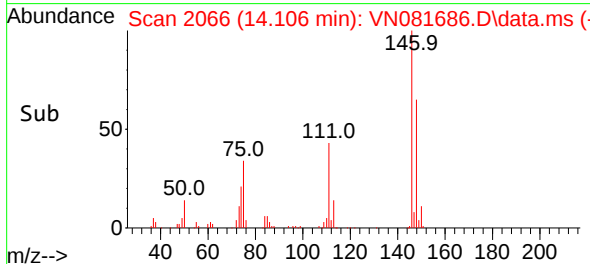
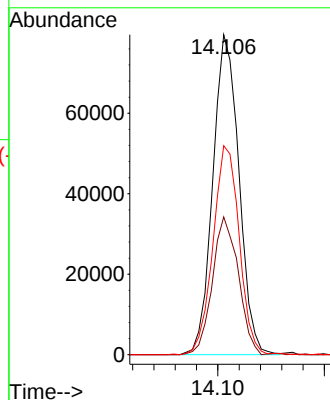
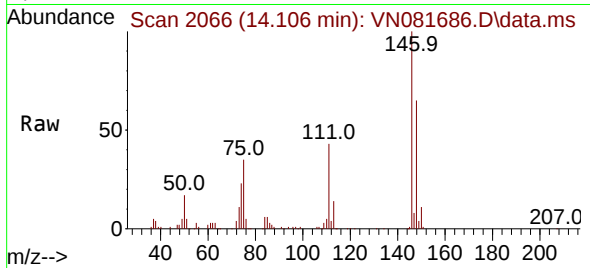
Tgt Ion:	146	Resp:	13545
Ion Ratio	Lower	Upper	
146	100		
111	42.7	22.6	67.8
148	65.4	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 15.905 ug/l

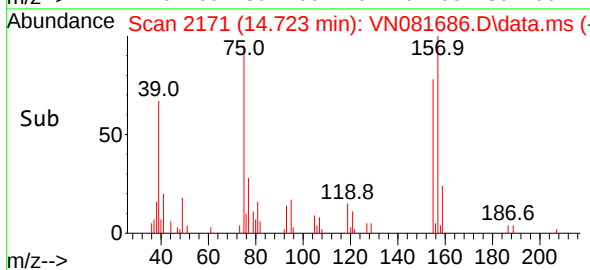
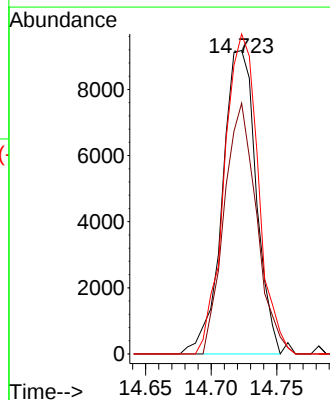
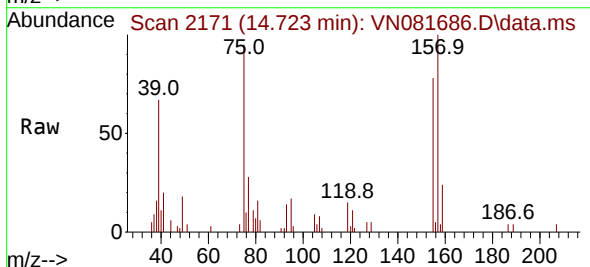
RT: 14.723 min Scan# 2171

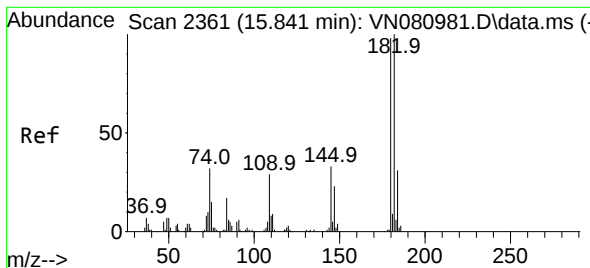
Delta R.T. -0.000 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Tgt Ion:	75	Resp:	16450
Ion Ratio	Lower	Upper	
75	100		
155	79.4	61.7	92.5
157	106.2	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 17.080 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

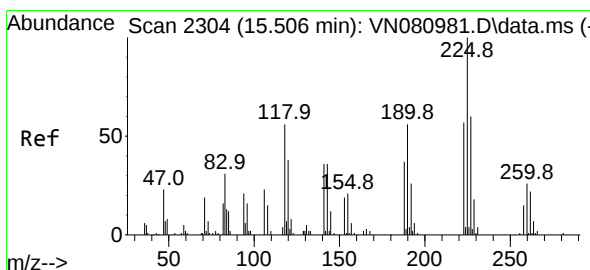
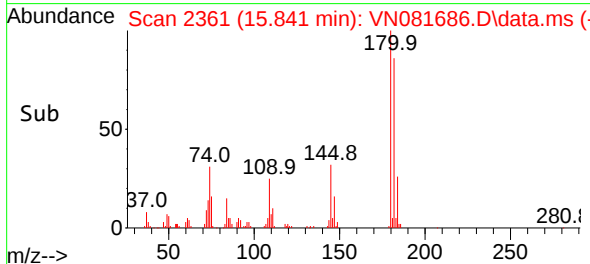
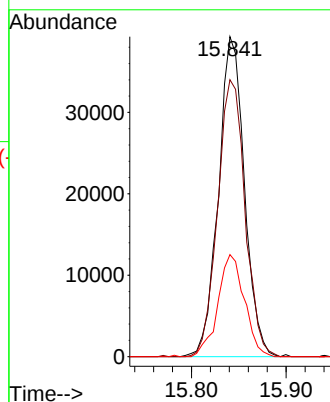
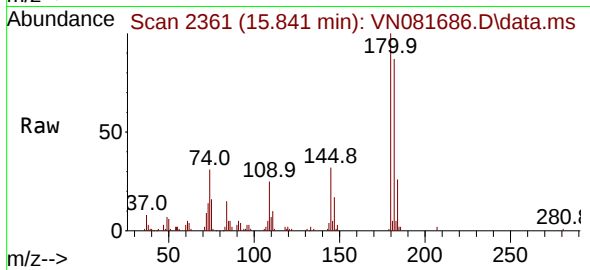
Tgt Ion:	180	Resp:	7494
Ion Ratio	Lower	Upper	
180	100		
182	91.4	76.4	114.6
145	32.6	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#90

Hexachlorobutadiene

Concen: 17.741 ug/l

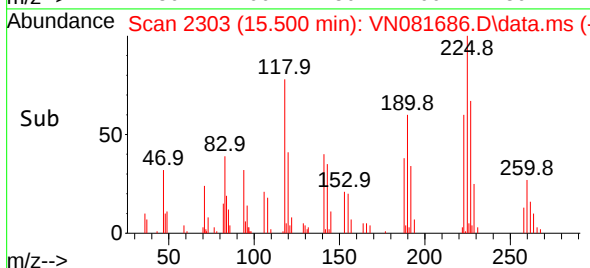
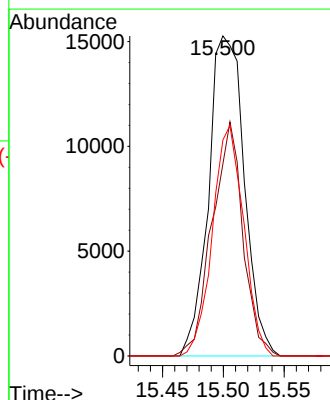
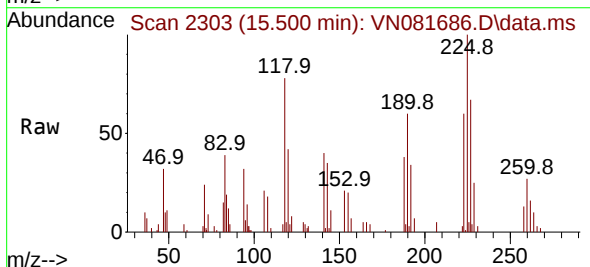
RT: 15.500 min Scan# 2303

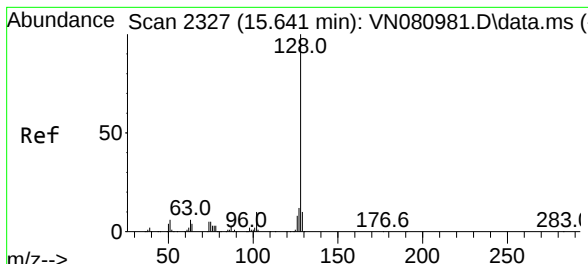
Delta R.T. -0.006 min

Lab File: VN081686.D

Acq: 10 Apr 2024 17:17

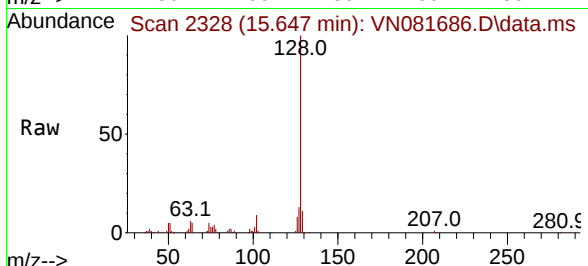
Tgt Ion:	225	Resp:	31197
Ion Ratio	Lower	Upper	
225	100		
223	62.9	0.0	126.6
227	62.8	0.0	126.6





#91
Naphthalene
Concen: 15.235 ug/l
RT: 15.647 min Scan# 214920
Delta R.T. 0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

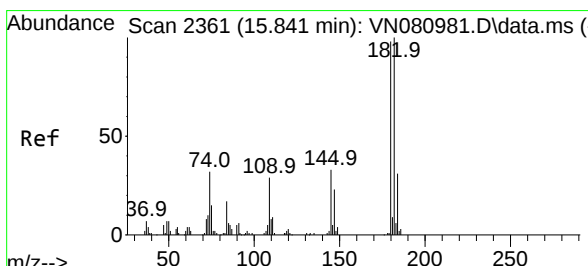
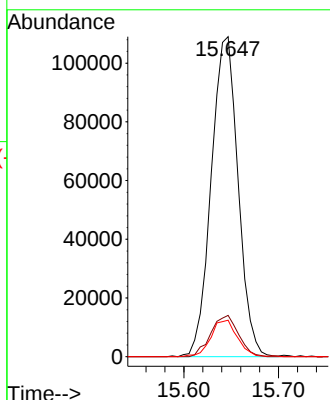
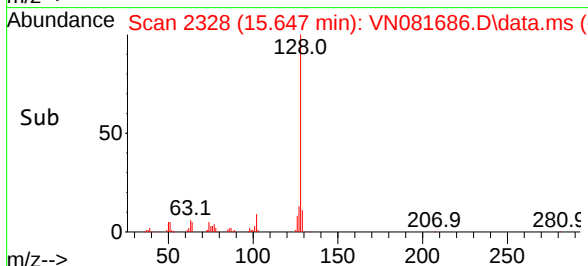
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01



Tgt Ion:128 Resp: 214920
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#92
1,2,3-Trichlorobenzene
Concen: 17.080 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081686.D
Acq: 10 Apr 2024 17:17

Tgt Ion:180 Resp: 74947
Ion Ratio Lower Upper
180 100
182 91.4 0.0 191.0
145 32.6 0.0 71.0

