

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079190.D
 Acq On : 08 Sep 2023 11:52
 Operator : JC\MD
 Sample : VN0908WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBS01

Quant Time: Sep 08 17:19:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	30694	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	165309	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	150057	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	67852	29.423	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.067%		
60) 4-Bromofluorobenzene	12.853	95	68727	31.084	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	103.600%		
63) Toluene-d8	10.571	98	213429	30.435	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.433%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	35445	20.705	ug/l	99
3) Chloromethane	2.365	50	35661	20.775	ug/l	97
4) Vinyl Chloride	2.512	62	36414	21.442	ug/l	97
5) Bromomethane	2.947	94	22400	21.490	ug/l	97
6) Chloroethane	3.112	64	25626	24.638	ug/l	93
7) Trichlorofluoromethane	3.494	101	52714	26.072	ug/l	98
8) Diethyl Ether	3.965	74	18944	25.554	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	29044	26.067	ug/l	99
10) 1,1-Dichloroethene	4.336	96	28370	26.278	ug/l	93
11) Methyl Iodide	4.589	142	33375	24.542	ug/l	99
12) Methyl Acetate	5.030	43	62753	24.942	ug/l	98
13) Acrolein	4.183	56	26292	114.740	ug/l	96
14) Acrylonitrile	5.724	53	97778	132.467	ug/l #	90
15) Acetone	4.430	58	26989	140.165	ug/l	99
16) Carbon Disulfide	4.712	76	81103	25.423	ug/l	97
17) Allyl chloride	5.024	41	43357	24.993	ug/l	94
18) Methylene Chloride	5.283	84	38510	26.595	ug/l	93
19) trans-1,2-Dichloroethene	5.794	96	37553	27.802	ug/l	97
20) Diisopropyl ether	6.683	45	112944	21.808	ug/l #	97
21) 1,1-Dichloroethane	6.571	63	69650	22.957	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	41979	19.872	ug/l	98
23) tert-Butyl Alcohol	5.530	59	32480	114.385	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	115248	27.048	ug/l	99
25) Chloroform	7.971	83	70525	19.277	ug/l	94
26) Cyclohexane	8.265	56	50317	18.289	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	51402	19.394	ug/l	98
30) 2-Butanone	7.488	43	126668	95.017	ug/l	98
31) 2,2-Dichloropropane	7.494	77	58020	21.947	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	61644	19.742	ug/l	100
33) Carbon Tetrachloride	8.365	117	53930	20.106	ug/l	96
34) Benzene	8.612	78	157455	18.698	ug/l	99
35) Methacrylonitrile	7.788	41	25465	17.741	ug/l	95
36) 1,2-Dichloroethane	8.671	62	51999	18.723	ug/l	100
37) Trichloroethene	9.359	130	39581	19.886	ug/l	98
38) Methylcyclohexane	9.606	83	49939	18.847	ug/l	98
39) 1,2-Dichloropropane	9.629	63	41369	19.045	ug/l	94
40) Dibromomethane	9.718	93	27433	19.151	ug/l	97
41) Bromodichloromethane	9.894	83	56150	19.664	ug/l	98
42) Vinyl Acetate	6.612	43	342932	108.318	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	49536	19.565	ug/l	98
44) Isopropyl Acetate	8.700	43	80357	17.644	ug/l	98
45) 1,4-Dioxane	9.700	88	16453	362.920	ug/l #	93
46) Methyl methacrylate	9.688	41	35714	17.552	ug/l	96
47) n-amyl Acetate	12.500	43	60882	19.007	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	57915	18.747	ug/l	91
49) cis-1,3-Dichloropropene	10.318	75	65148	20.217	ug/l	94
50) 1,1,2-Trichloroethane	11.023	97	39706	19.758	ug/l	97
51) Ethyl methacrylate	10.882	69	57640	18.572	ug/l	96
52) 1,3-Dichloropropane	11.170	76	68573	19.987	ug/l	100
53) Dibromochloromethane	11.365	129	42290	20.065	ug/l	98
54) 1,2-Dibromoethane	11.476	107	38611	18.921	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	126013	114.270	ug/l	98
56) Bromoform	12.582	173	29587	20.145	ug/l	96
58) 4-Methyl-2-Pentanone	10.453	43	246456	89.502	ug/l	99
59) 2-Hexanone	11.200	43	179642	92.893	ug/l	99
61) Tetrachloroethene	11.112	164	31798	19.475	ug/l	94
62) Toluene	10.635	91	169319	19.379	ug/l	99
64) Chlorobenzene	11.900	112	99778	19.576	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	39306	20.143	ug/l	99
66) Ethyl Benzene	11.970	91	176600	20.075	ug/l	97
67) m/p-Xylenes	12.076	106	134101	40.513	ug/l	99
68) o-Xylene	12.406	106	64969	20.352	ug/l	99
69) Styrene	12.417	104	105645	20.749	ug/l	98
70) Isopropylbenzene	12.700	105	161180	19.864	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	56519	18.620	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	47213m	18.486	ug/l	
73) Bromobenzene	12.982	156	40593	20.027	ug/l	95
74) n-propylbenzene	13.041	91	199622	21.592	ug/l	99
75) 2-Chlorotoluene	13.129	91	119654	20.184	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	133437	19.889	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	17224	19.155	ug/l	99
78) 4-Chlorotoluene	13.229	91	113860	20.341	ug/l	98
79) tert-butylbenzene	13.441	119	111700	20.283	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	132724	20.714	ug/l	100
81) sec-Butylbenzene	13.623	105	152037	20.178	ug/l	99
82) p-Isopropyltoluene	13.735	119	124899	20.985	ug/l	98
83) 1,3-Dichlorobenzene	13.741	146	65529	20.357	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	61185	20.267	ug/l	99
85) n-Butylbenzene	14.064	91	94329	20.809	ug/l	99
86) Hexachloroethane	14.335	117	24136	20.482	ug/l	96
87) 1,2-Dichlorobenzene	14.111	146	66037	20.788	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10526	20.516	ug/l	96
89) 1,2,4-Trichlorobenzene	15.847	180	25374	18.666	ug/l	99
90) Hexachlorobutadiene	15.511	225	17457	21.142	ug/l	97
91) Naphthalene	15.647	128	59226	16.673	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	25374	18.666	ug/l	99

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

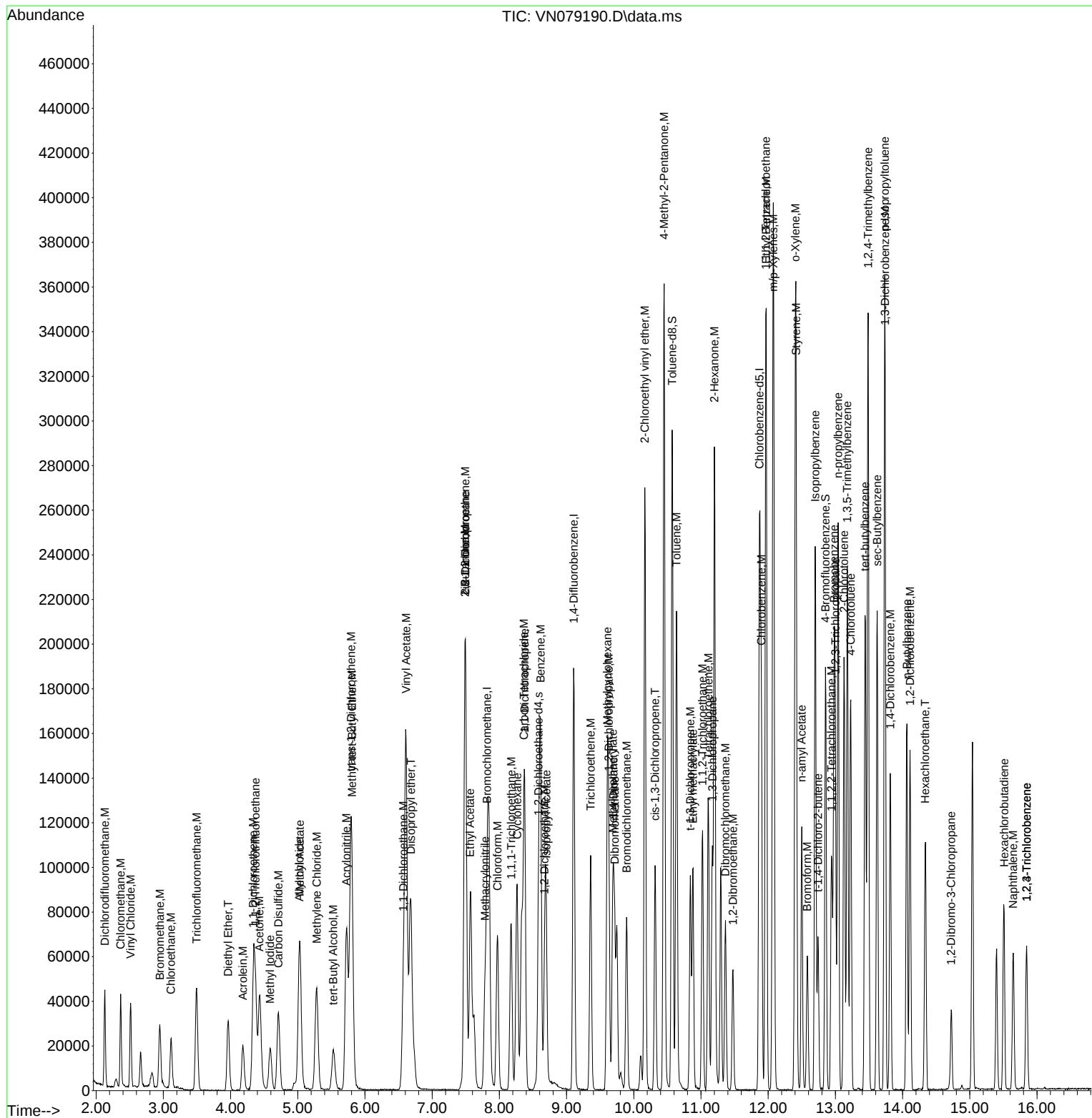
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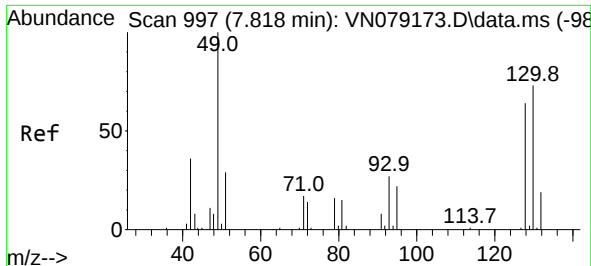
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 09/11/2023

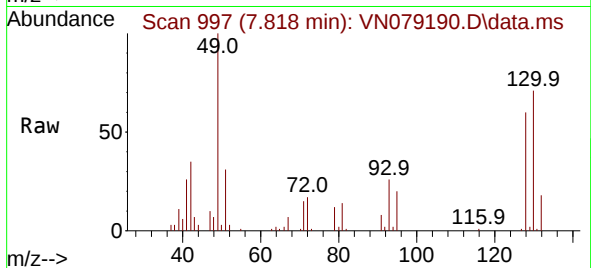
Quant Time: Sep 08 17:19:48 2023
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 08 05:09:17 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

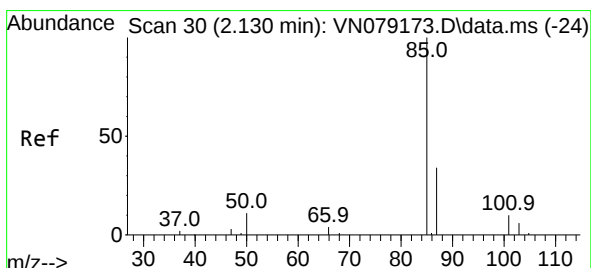
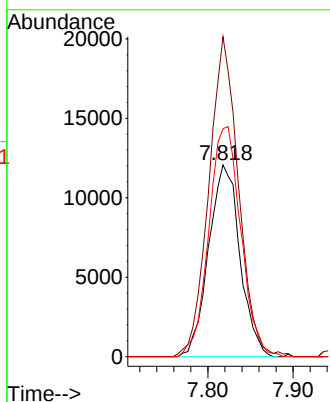
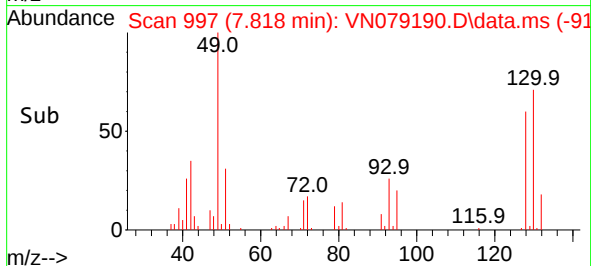
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



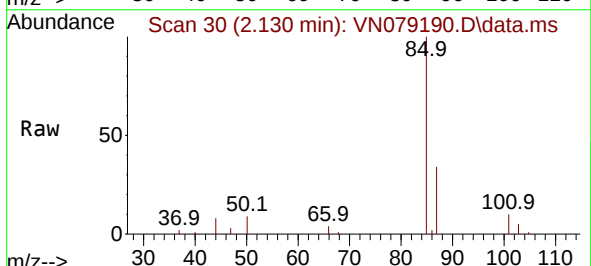
Tgt Ion:128 Resp: 30694
Ion Ratio Lower Upper
128 100
49 158.2 0.0 414.3
130 123.2 0.0 311.0

Manual Integrations
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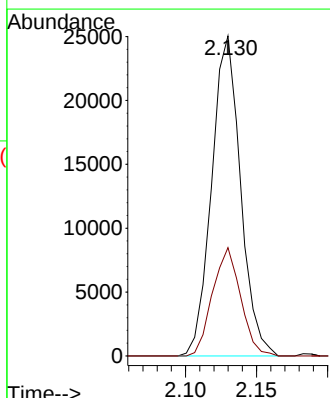
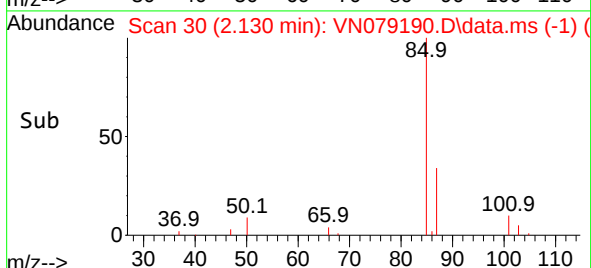
Reviewed By :John Carlone 09/09/2023
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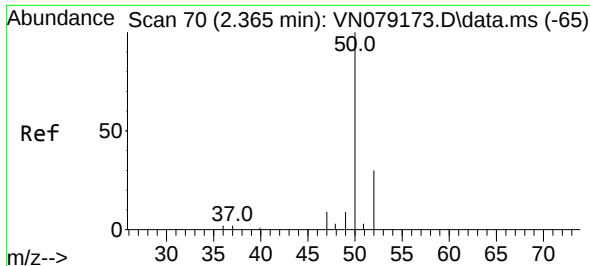


#2
Dichlorodifluoromethane
Concen: 20.705 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52



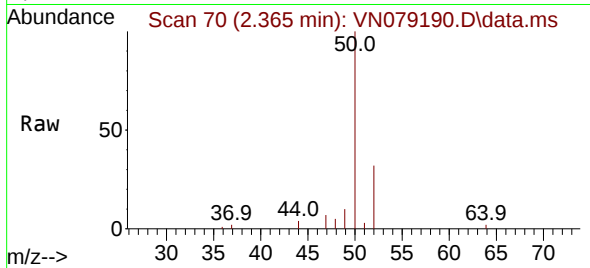
Tgt Ion: 85 Resp: 35445
Ion Ratio Lower Upper
85 100
87 33.9 17.3 51.7





#3
Chloromethane
Concen: 20.775 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

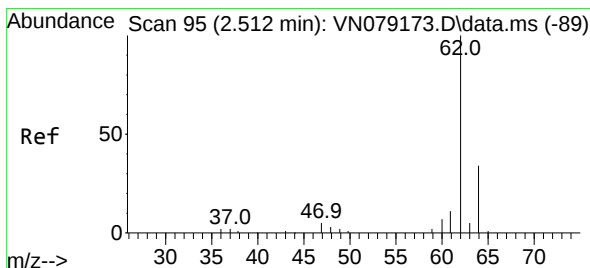
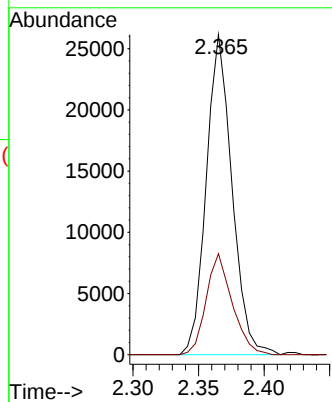
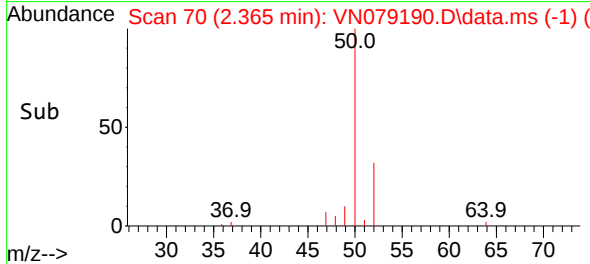
Instrument :
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Tgt Ion: 50 Resp: 3566
Ion Ratio Lower Upper
50 100
52 31.6 24.0 36.0

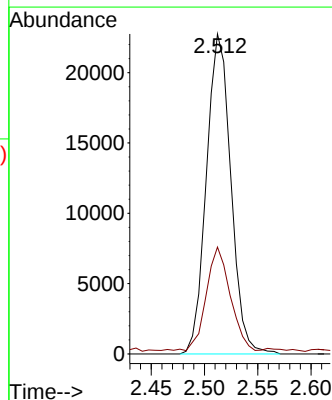
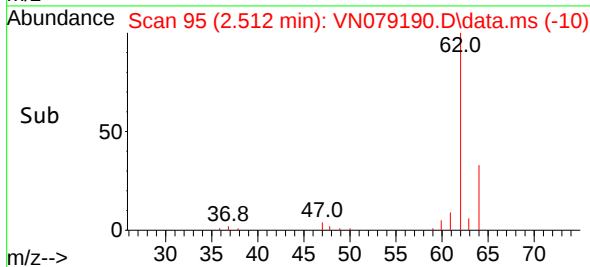
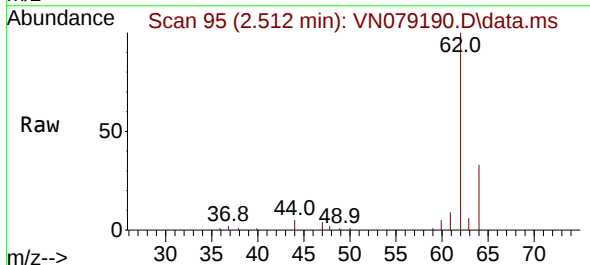
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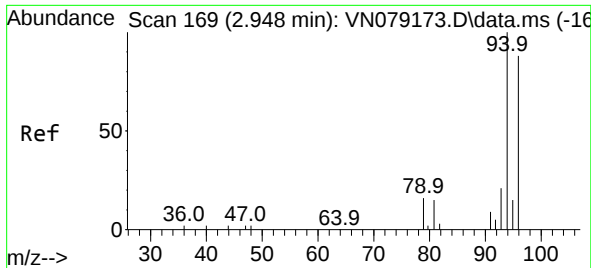
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#4
Vinyl Chloride
Concen: 21.442 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

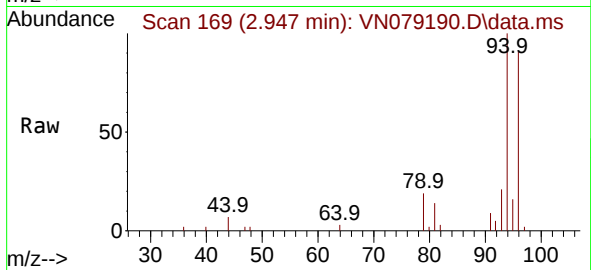
Tgt Ion: 62 Resp: 36414
Ion Ratio Lower Upper
62 100
64 32.0 27.1 40.7





#5
Bromomethane
Concen: 21.490 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.001 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

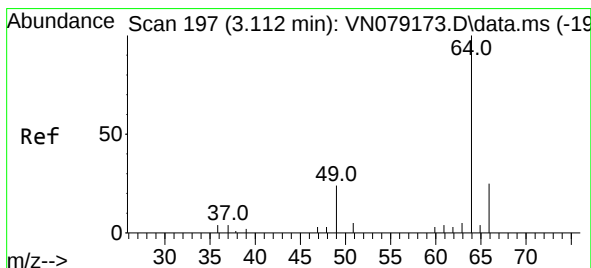
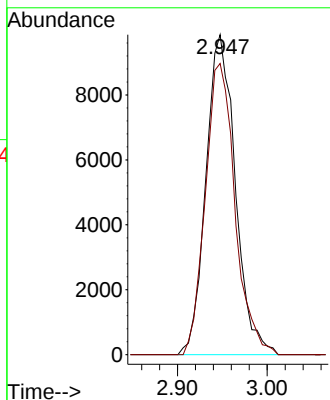
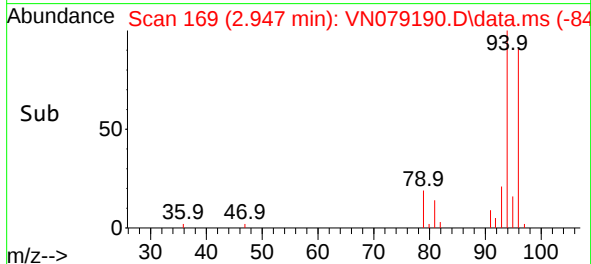
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 22400
Ion Ratio Lower Upper
94 100
96 91.0 70.6 105.8

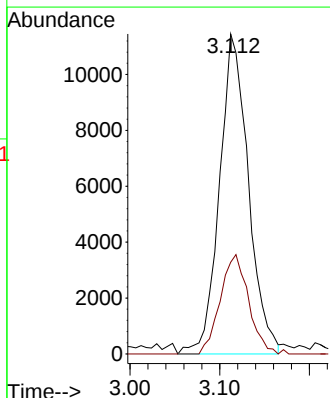
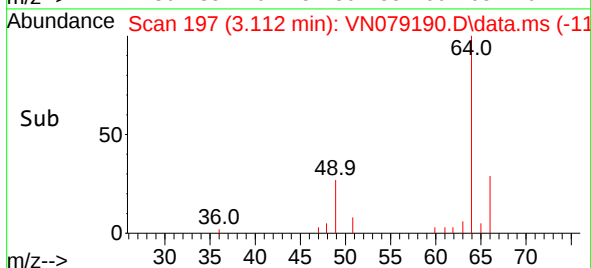
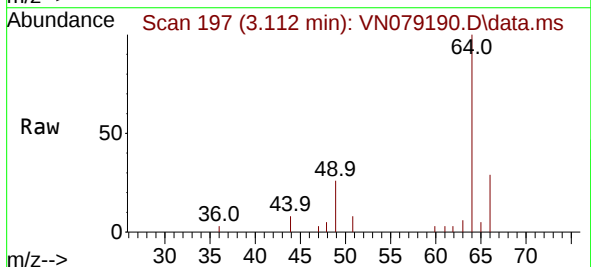
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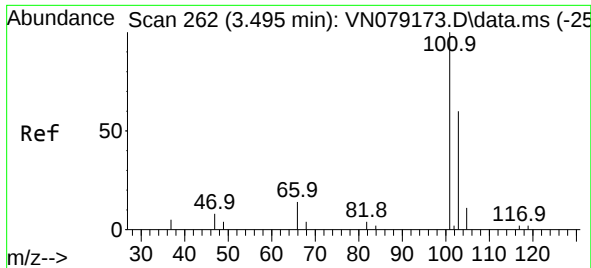
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#6
Chloroethane
Concen: 24.638 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

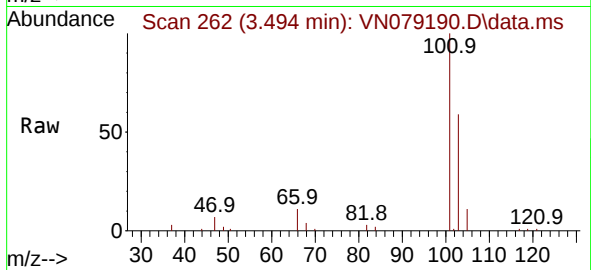
Tgt Ion: 64 Resp: 25626
Ion Ratio Lower Upper
64 100
66 28.7 20.1 30.1





#7
 Trichlorofluoromethane
 Concen: 26.072 ug/l
 RT: 3.494 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VN079190.D
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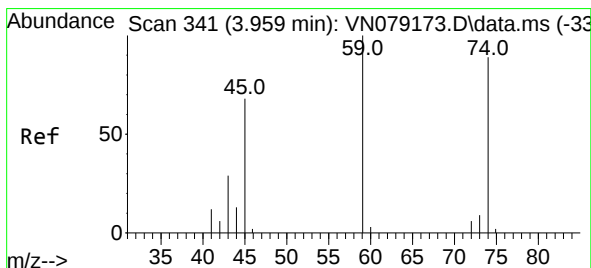
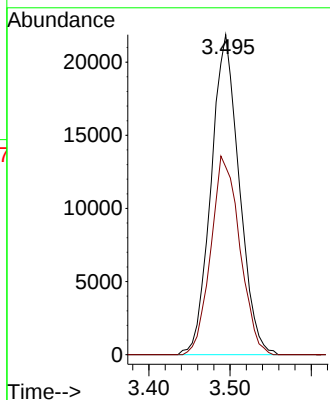
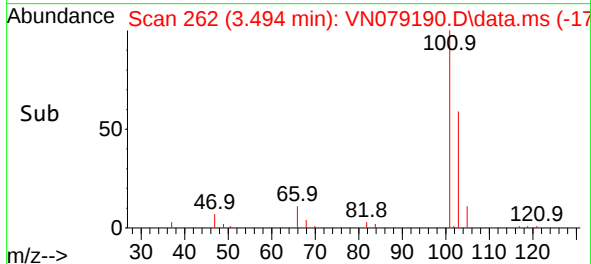
Instrument :
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 ClientSampleId :
 VN0908WBS01



Tgt Ion:101 Resp: 52714
 Ion Ratio Lower Upper
 101 100
 103 58.6 48.2 72.4

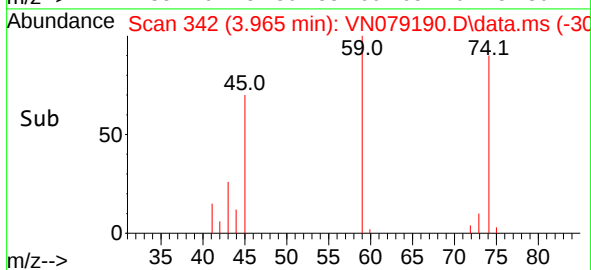
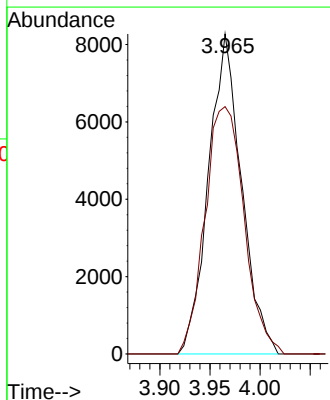
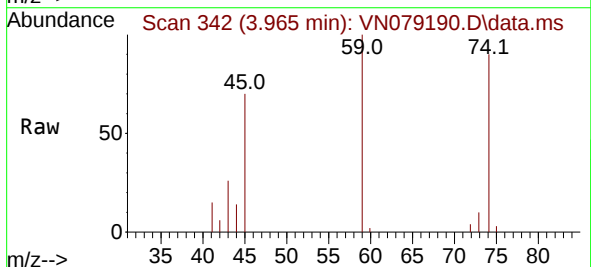
Manual Integrations
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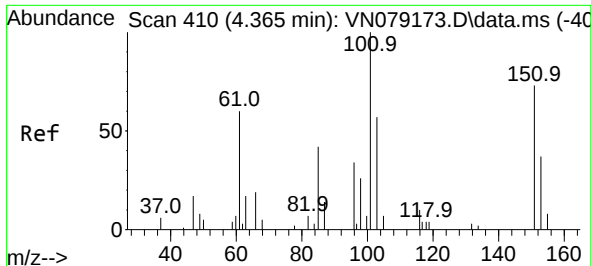
Reviewed By :John Carlone 09/09/2023
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#8
 Diethyl Ether
 Concen: 25.554 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN079190.D
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Tgt Ion: 74 Resp: 18944
 Ion Ratio Lower Upper
 74 100
 45 91.5 17.6 158.0





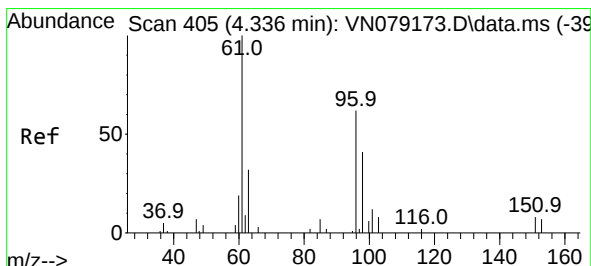
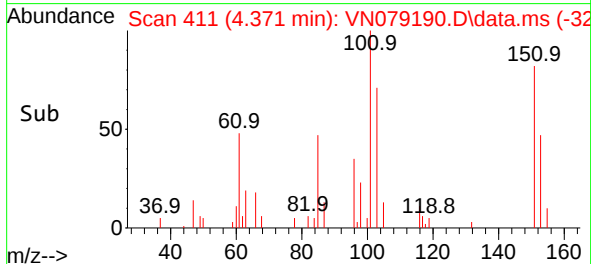
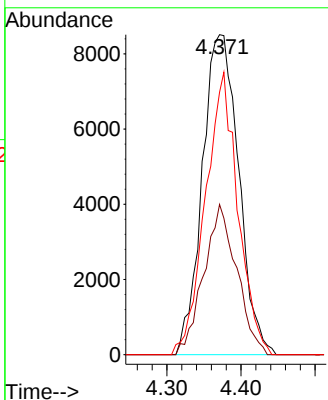
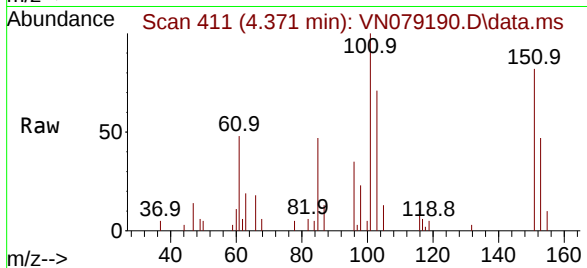
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1,1,2-Trichlorotrifluoroethane
Concen: 26.067 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion:101 Resp: 2904
Ion Ratio Lower Upper
101 100
85 42.5 0.0 85.6
151 78.8 0.0 155.8

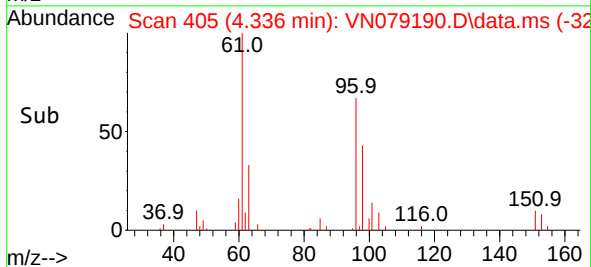
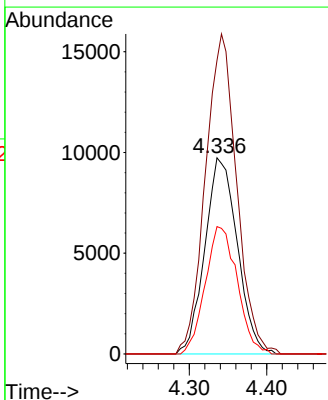
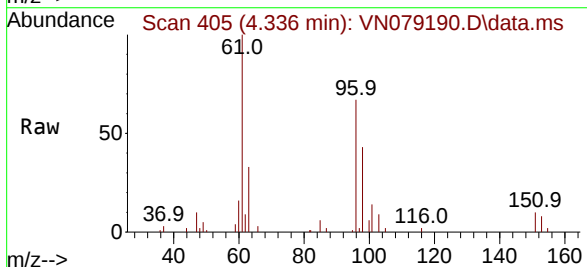
Manual Integrations
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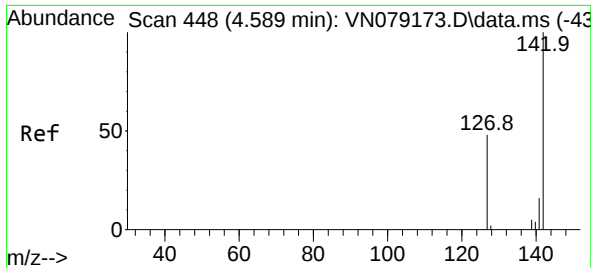
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#10
1,1-Dichloroethene
Concen: 26.278 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

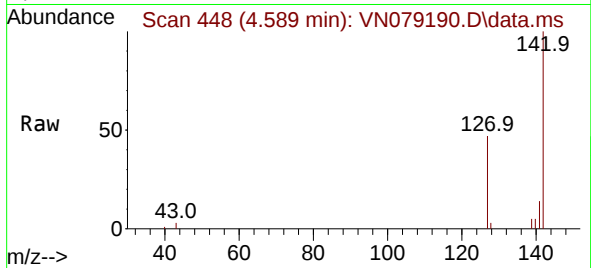
Tgt Ion: 96 Resp: 28370
Ion Ratio Lower Upper
96 100
61 149.7 130.2 195.2
98 64.9 52.3 78.5





#11
Methyl Iodide
Concen: 24.542 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

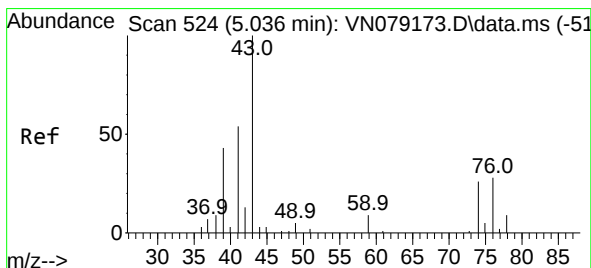
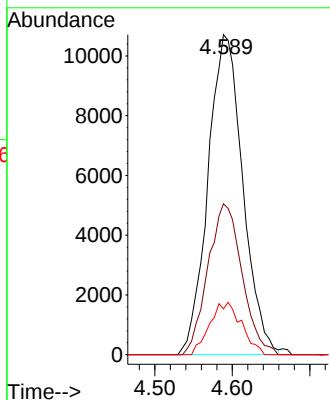
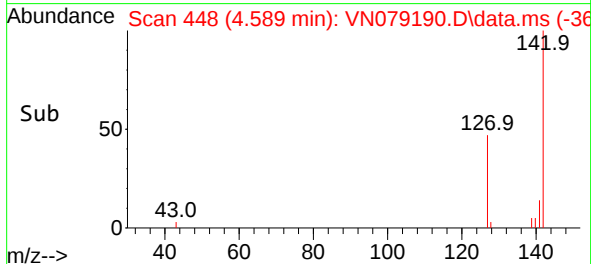
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion:142 Resp: 33375
Ion Ratio Lower Upper
142 100
127 47.5 23.8 71.4
141 14.4 8.2 24.6

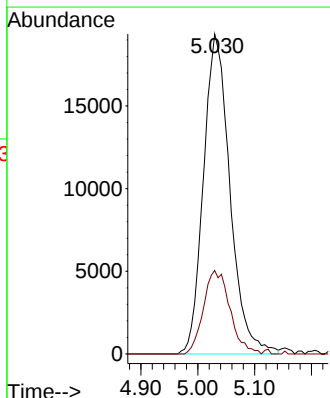
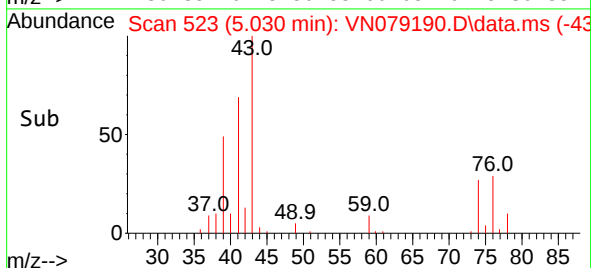
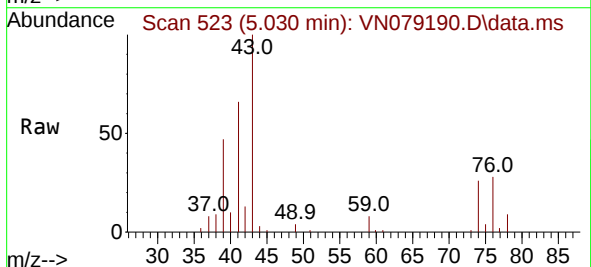
Manual Integrations
APPROVED

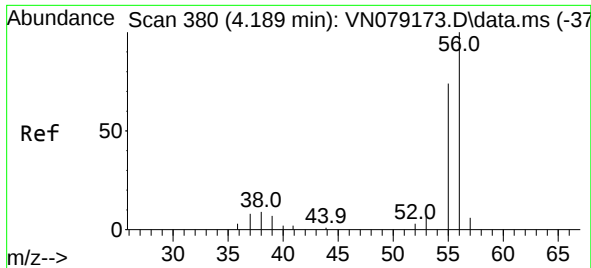
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#12
Methyl Acetate
Concen: 24.942 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Tgt Ion: 43 Resp: 62753
Ion Ratio Lower Upper
43 100
74 26.3 20.4 30.6





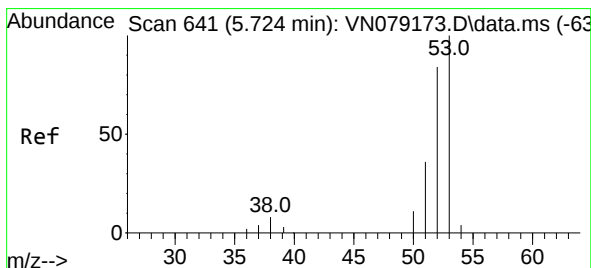
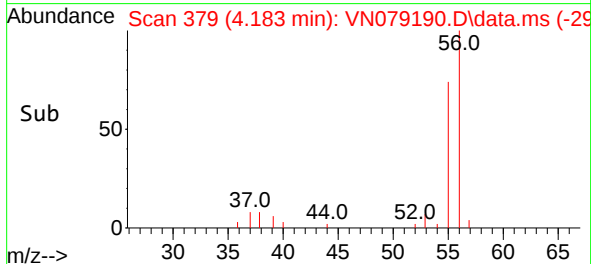
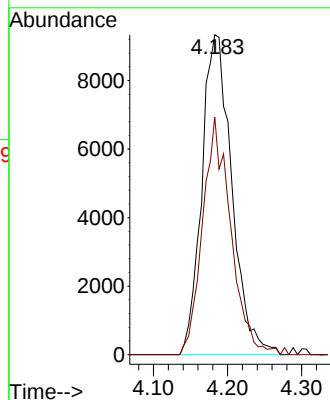
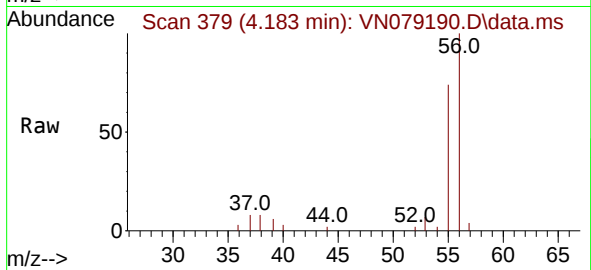
#13
Acrolein
Concen: 114.740 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion: 56 Resp: 26292
Ion Ratio Lower Upper
56 100
55 68.9 57.7 86.5

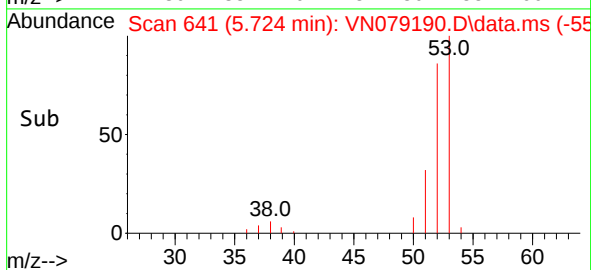
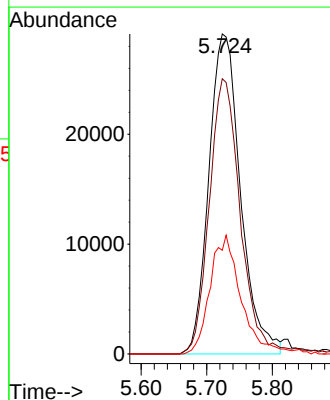
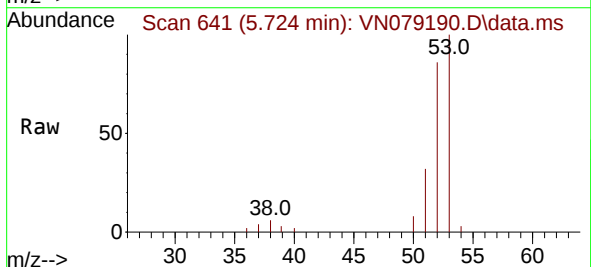
Manual Integrations
APPROVED

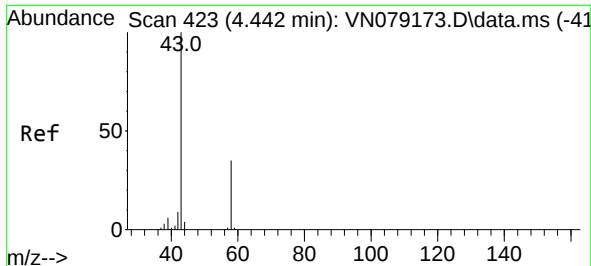
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#14
Acrylonitrile
Concen: 132.467 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Tgt Ion: 53 Resp: 97778
Ion Ratio Lower Upper
53 100
52 82.4 41.4 124.4
51 16.2 17.3 51.9#





#15

Acetone

Concen: 140.165 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBS01

Tgt Ion: 58 Resp: 2698

Ion Ratio Lower Upper

58 100

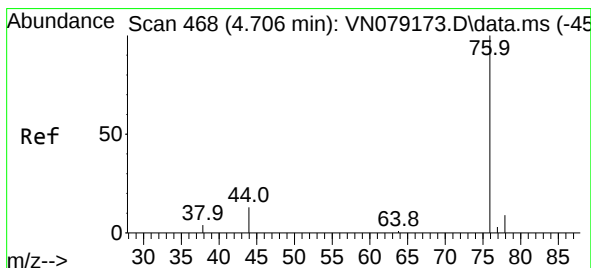
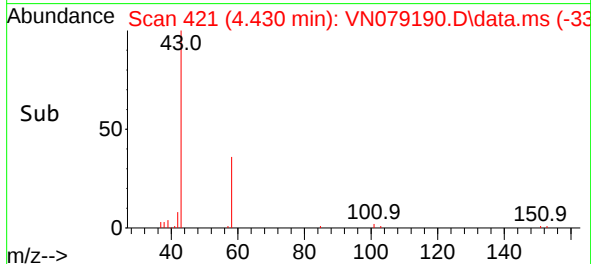
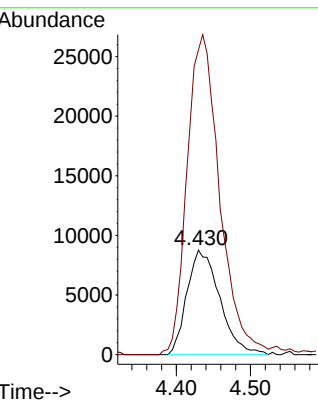
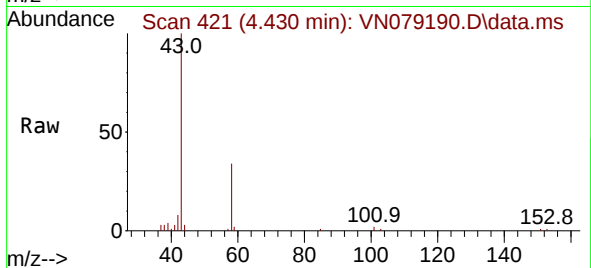
43 286.9 228.3 342.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#16

Carbon Disulfide

Concen: 25.423 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN079190.D

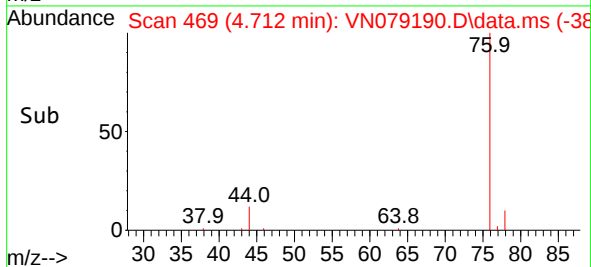
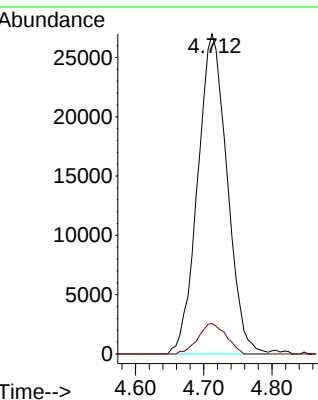
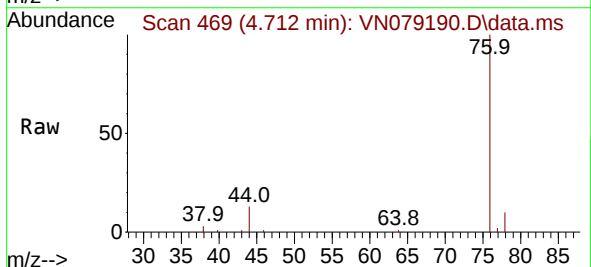
Acq: 08 Sep 2023 11:52

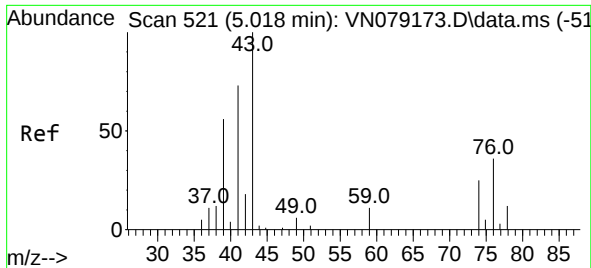
Tgt Ion: 76 Resp: 81103

Ion Ratio Lower Upper

76 100

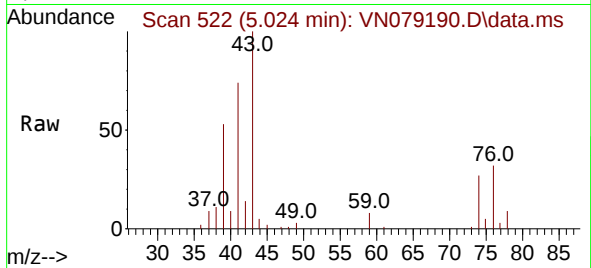
78 9.5 6.9 10.3





#17
 Allyl chloride
 Concen: 24.993 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079190.D
 Acq: 08 Sep 2023 11:52

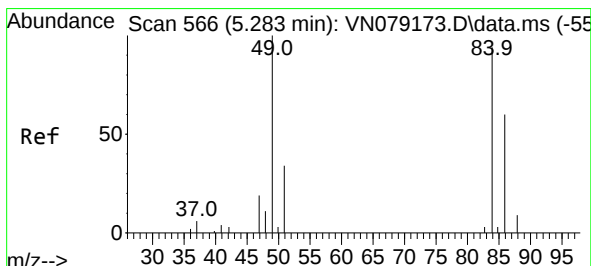
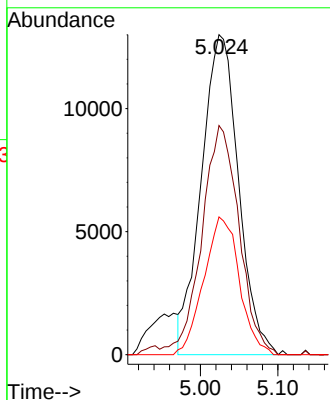
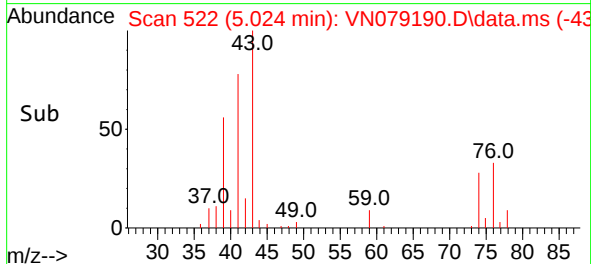
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBS01



Tgt Ion: 41 Resp: 4335
 Ion Ratio Lower Upper
 41 100
 39 71.6 38.3 114.8
 76 43.0 23.7 71.1

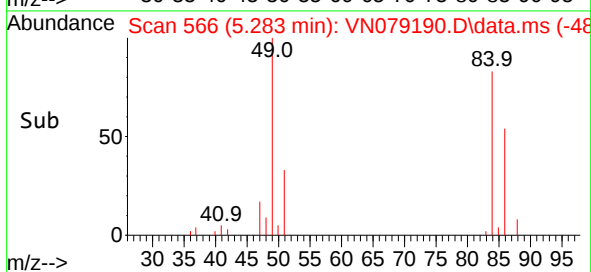
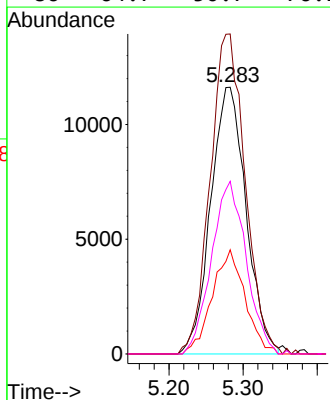
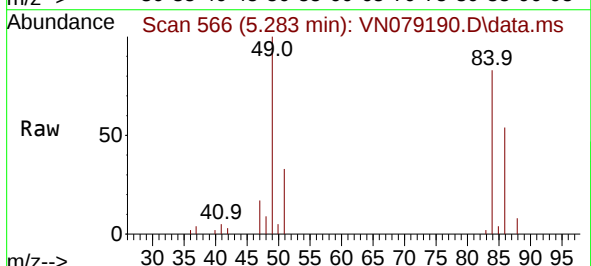
Manual Integrations
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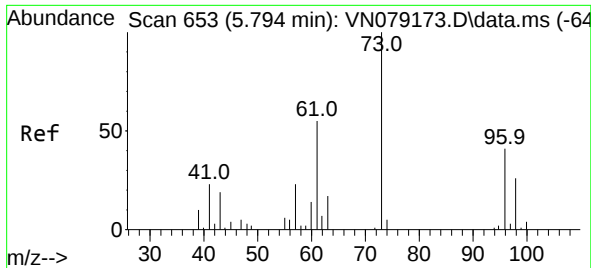
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023



#18
 Methylene Chloride
 Concen: 26.595 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN079190.D
 Acq: 08 Sep 2023 11:52

Tgt Ion: 84 Resp: 38510
 Ion Ratio Lower Upper
 84 100
 49 120.0 86.9 130.3
 51 39.0 28.6 43.0
 86 64.7 50.7 76.1





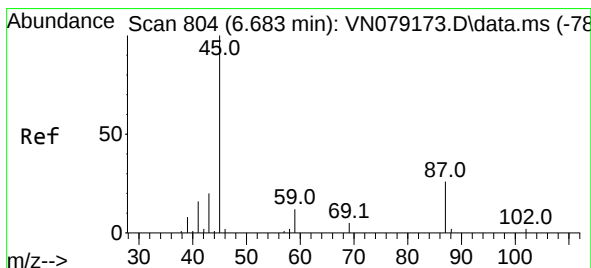
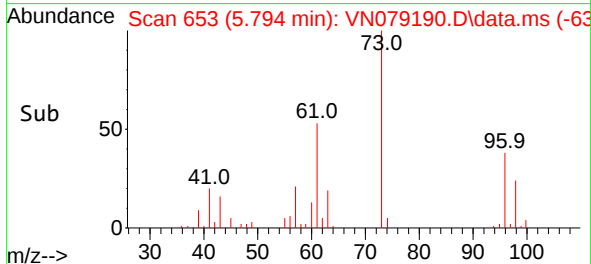
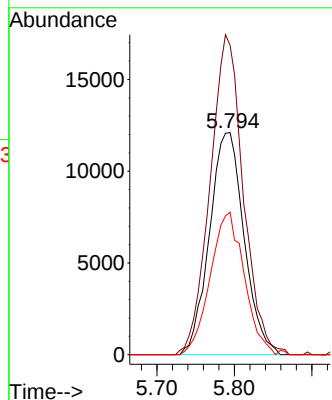
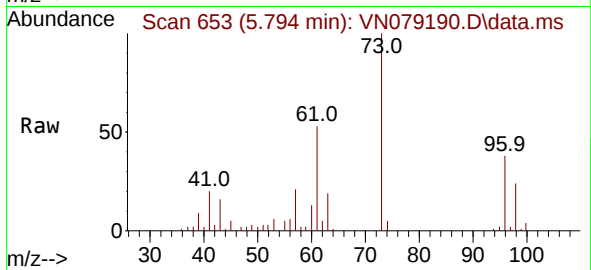
#19
trans-1,2-Dichloroethene
Concen: 27.802 ug/l
RT: 5.794 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion: 96 Resp: 3755
Ion Ratio Lower Upper
96 100
61 137.3 106.6 159.8
98 64.1 51.0 76.4

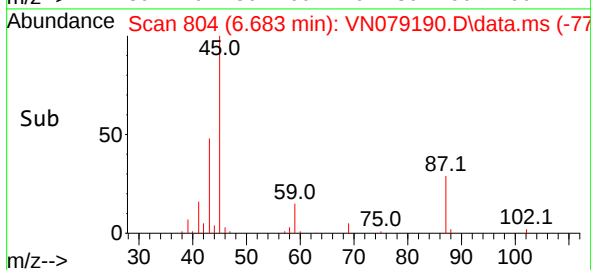
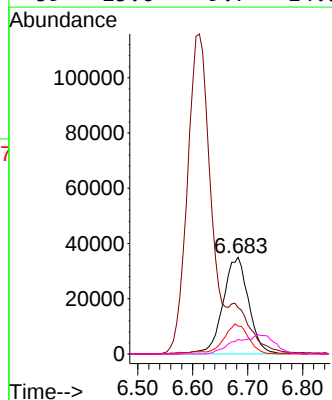
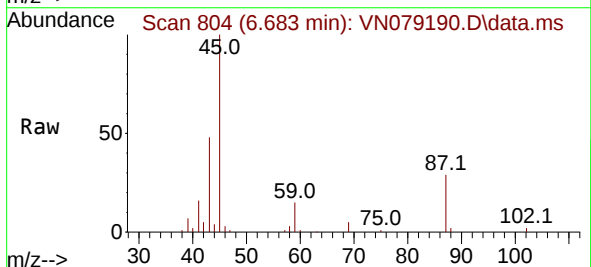
Manual Integrations
APPROVED

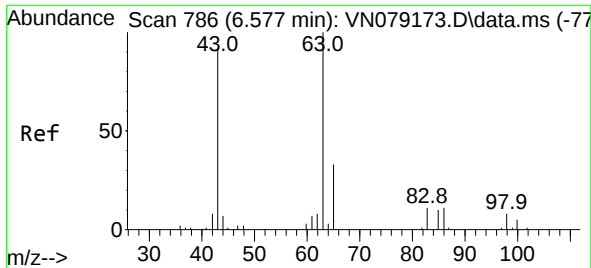
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#20
Diisopropyl ether
Concen: 21.808 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Tgt Ion: 45 Resp: 112944
Ion Ratio Lower Upper
45 100
43 44.8 34.9 52.3
87 28.8 21.5 32.3
59 15.0 9.7 14.5#





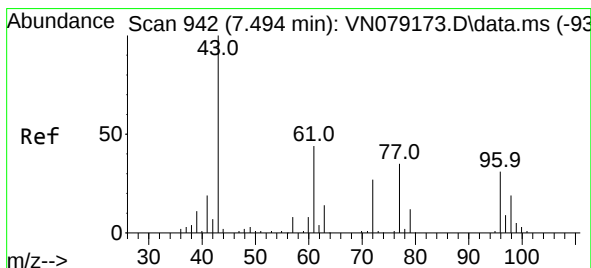
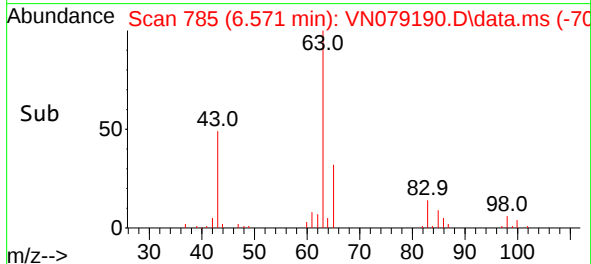
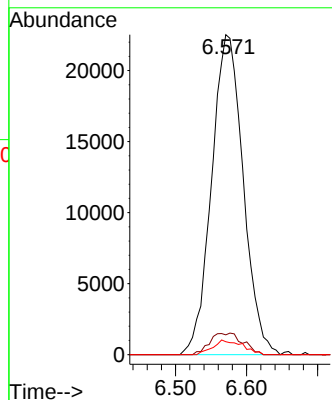
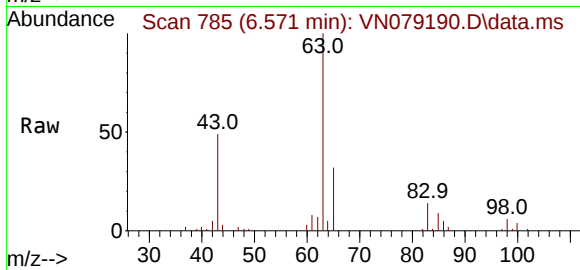
#21
1,1-Dichloroethane
Concen: 22.957 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion: 63 Resp: 69650
Ion Ratio Lower Upper
63 100
98 6.2 3.9 11.5
100 4.1 2.5 7.5

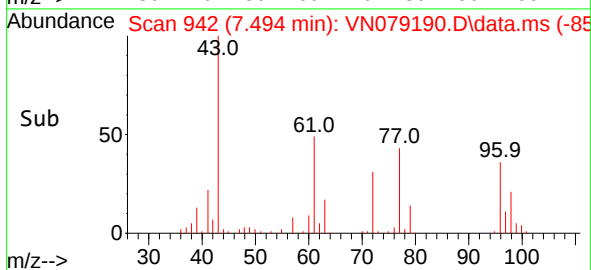
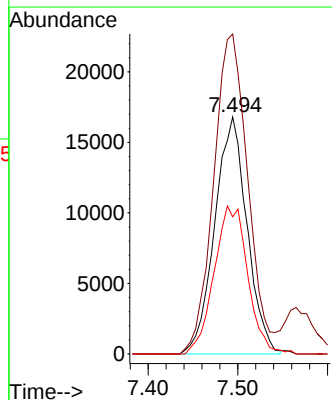
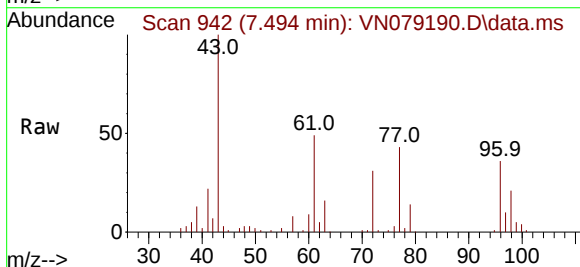
Manual Integrations
APPROVED

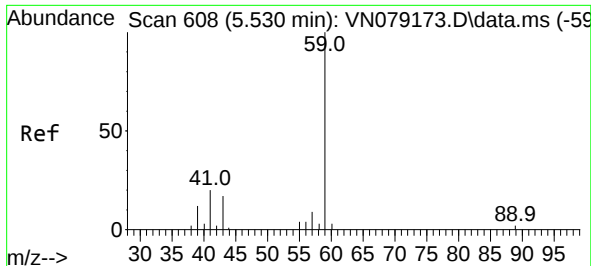
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#22
cis-1,2-Dichloroethene
Concen: 19.872 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

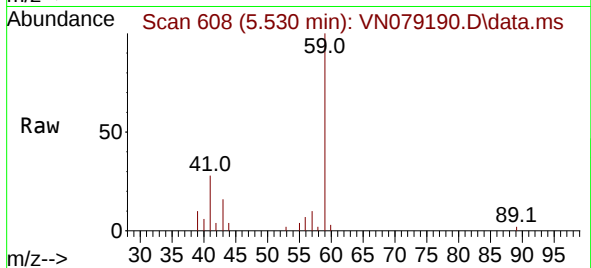
Tgt Ion: 96 Resp: 41979
Ion Ratio Lower Upper
96 100
61 142.8 113.0 169.6
98 64.9 50.2 75.4





#23
tert-Butyl Alcohol
Concen: 114.385 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

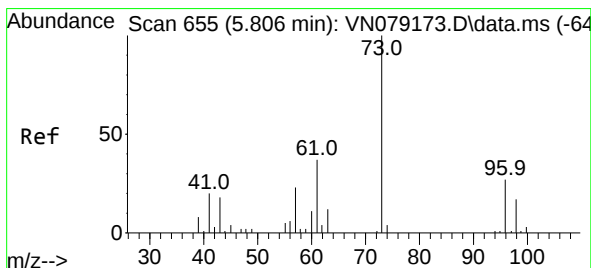
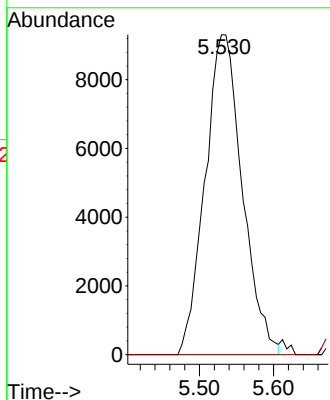
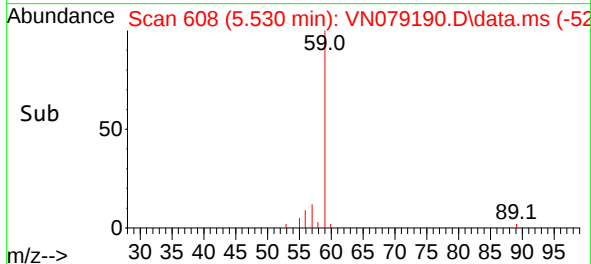
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



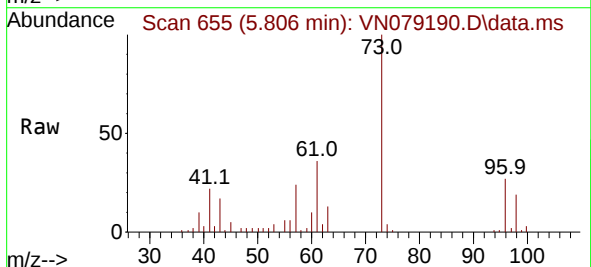
Tgt Ion: 59 Resp: 32480
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

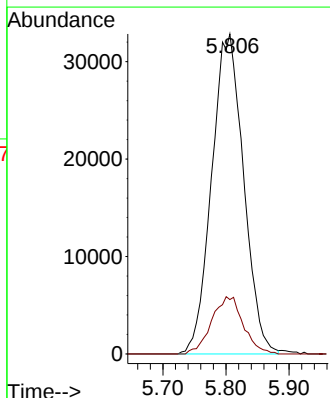
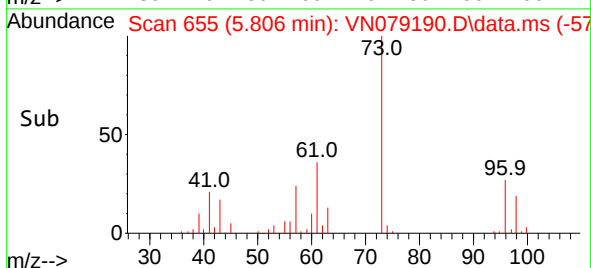
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

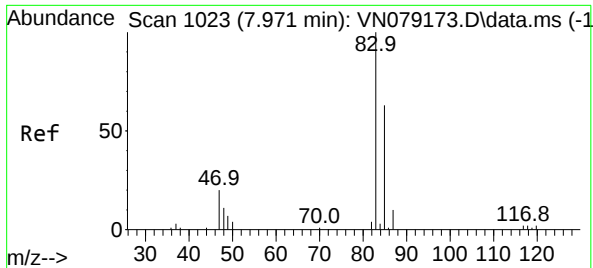


#24
Methyl tert-Butyl Ether
Concen: 27.048 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52



Tgt Ion: 73 Resp: 115248
Ion Ratio Lower Upper
73 100
43 17.8 14.7 22.1





#25

Chloroform

Concen: 19.277 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBS01

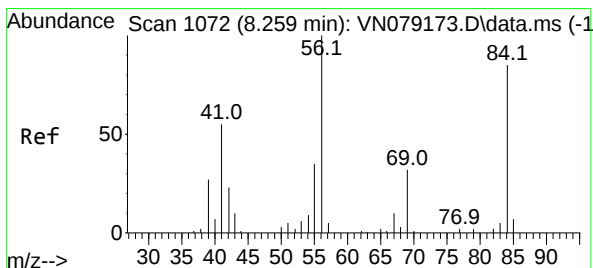
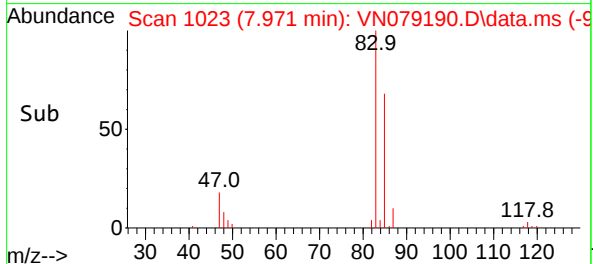
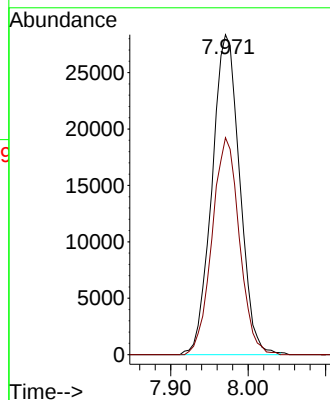
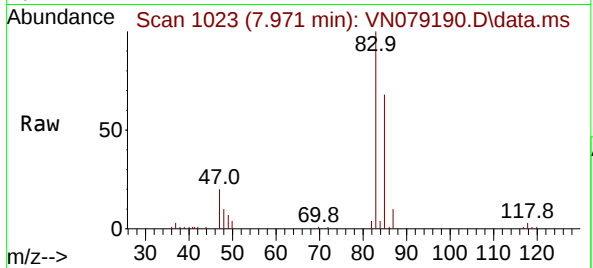
Tgt Ion: 83 Resp: 70529
 Ion Ratio Lower Upper
 83 100
 85 67.8 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#26

Cyclohexane

Concen: 18.289 ug/l

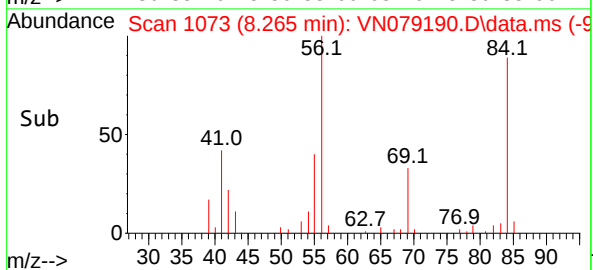
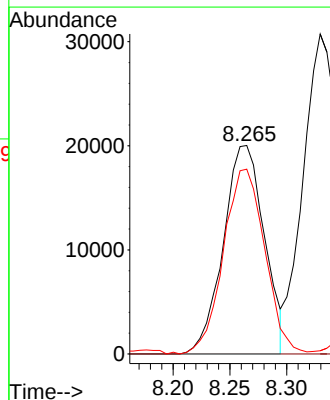
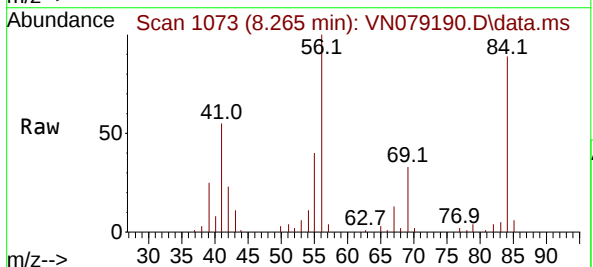
RT: 8.265 min Scan# 1073

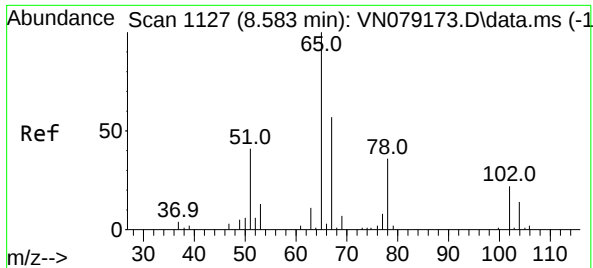
Delta R.T. 0.006 min

Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

Tgt Ion: 56 Resp: 50317
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 89.5 71.1 106.7





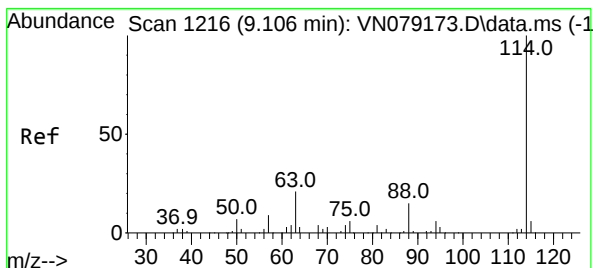
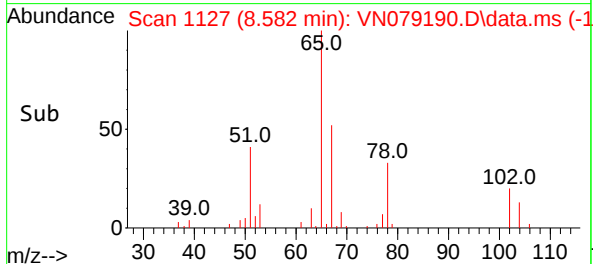
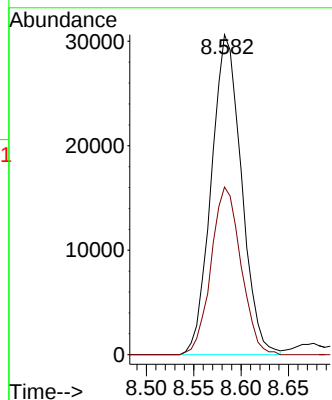
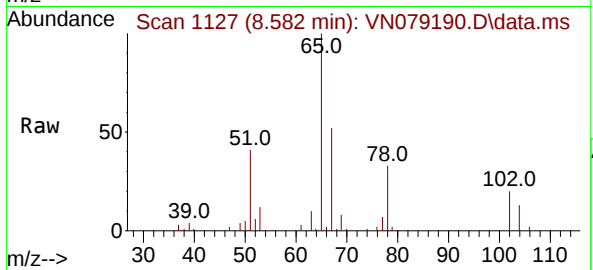
#27
1,2-Dichloroethane-d4
Concen: 29.423 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion: 65 Resp: 67852
Ion Ratio Lower Upper
65 100
67 51.9 44.4 66.6

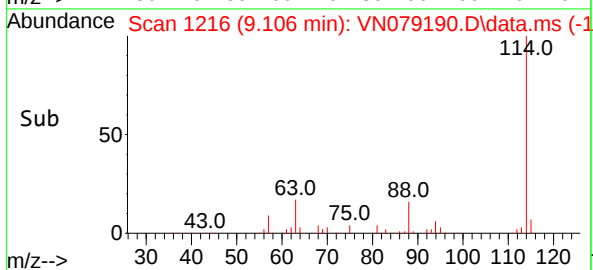
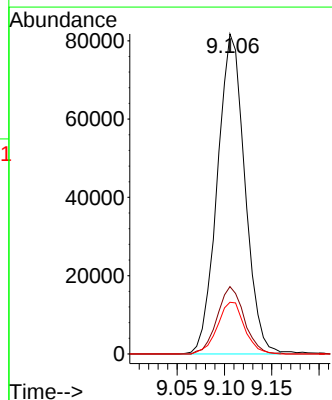
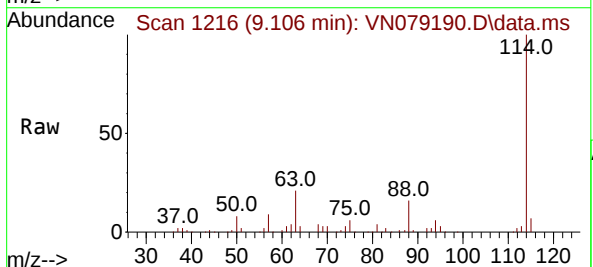
Manual Integrations
APPROVED

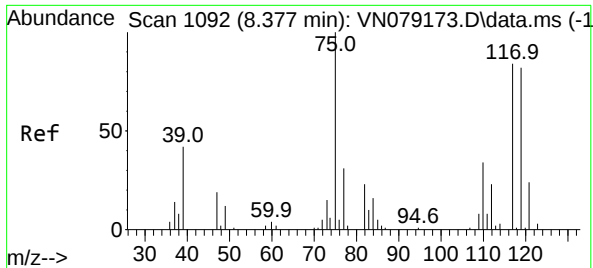
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Tgt Ion:114 Resp: 165309
Ion Ratio Lower Upper
114 100
63 20.5 17.0 25.4
88 15.9 12.8 19.2





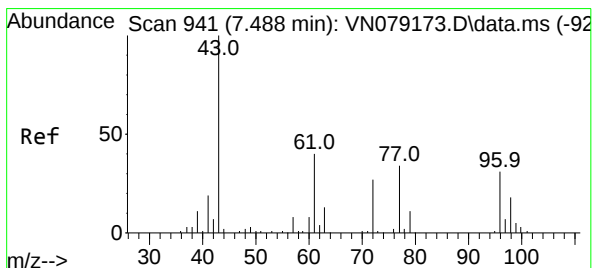
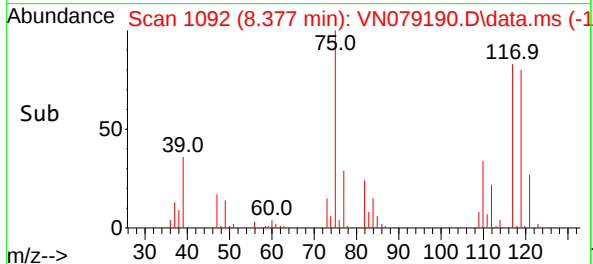
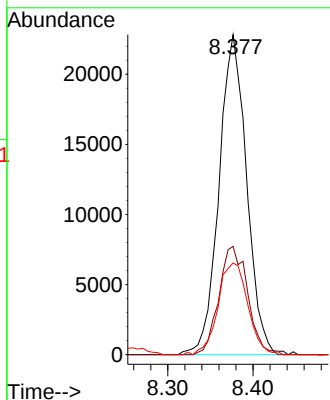
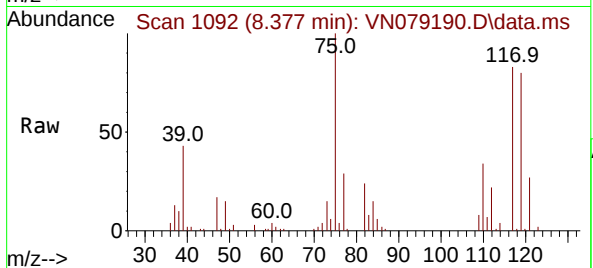
#29
1,1-Dichloropropene
Concen: 19.394 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion: 75 Resp: 51402
Ion Ratio Lower Upper
75 100
110 35.0 0.0 68.4
77 30.7 0.0 63.2

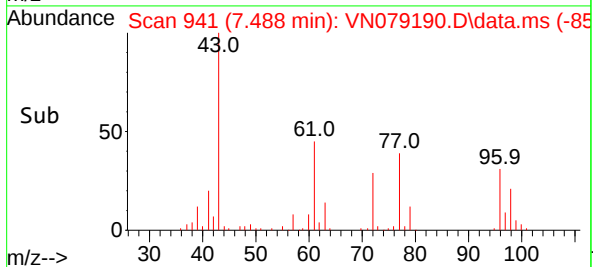
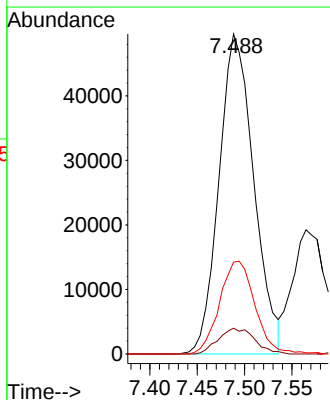
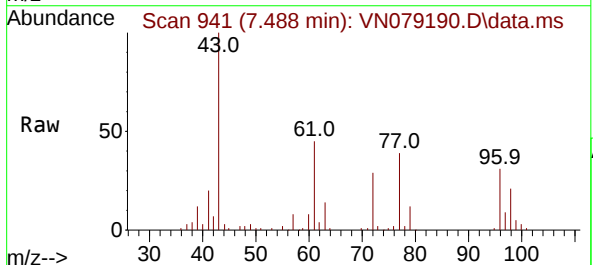
Manual Integrations
APPROVED

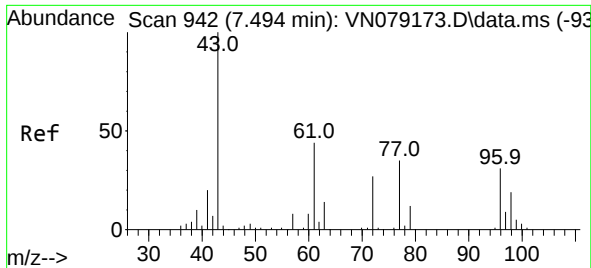
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#30
2-Butanone
Concen: 95.017 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

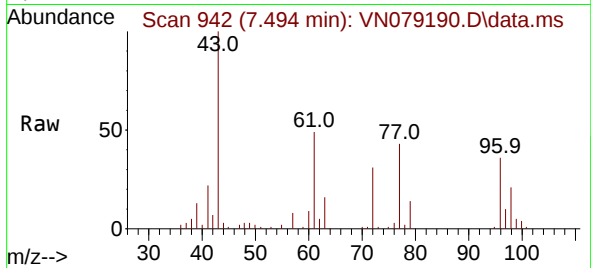
Tgt Ion: 43 Resp: 126668
Ion Ratio Lower Upper
43 100
57 8.4 6.8 10.2
72 29.4 22.4 33.6





#31
2,2-Dichloropropane
Concen: 21.947 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

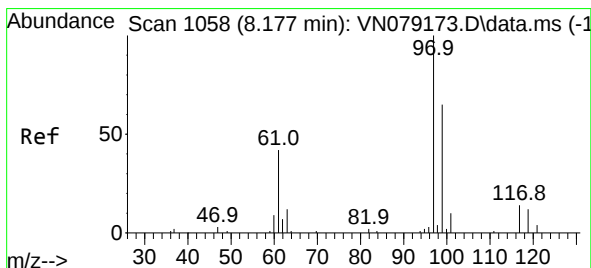
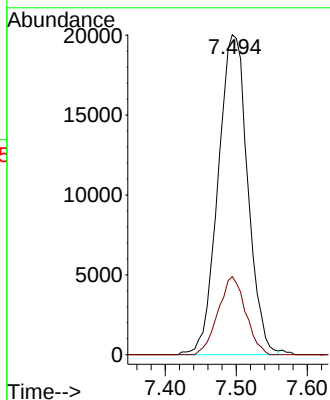
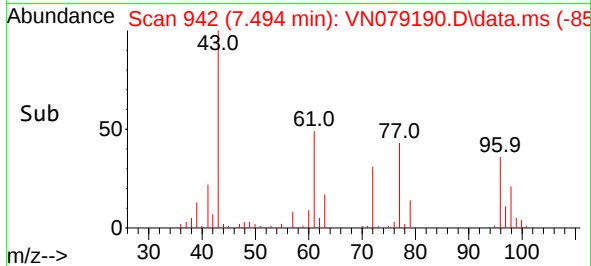
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



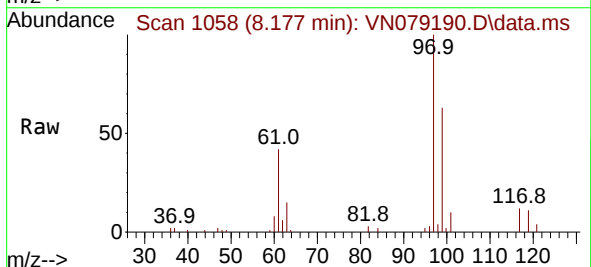
Tgt Ion: 77 Resp: 58020
Ion Ratio Lower Upper
77 100
97 22.6 17.8 26.8

Manual Integrations
APPROVED

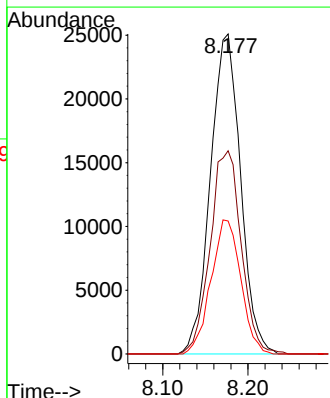
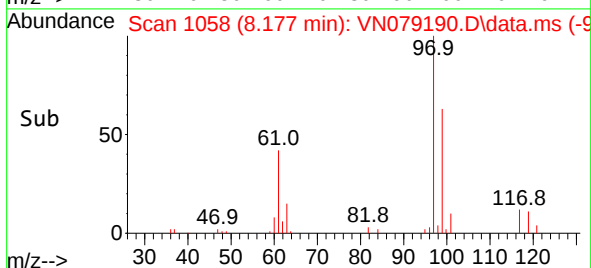
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

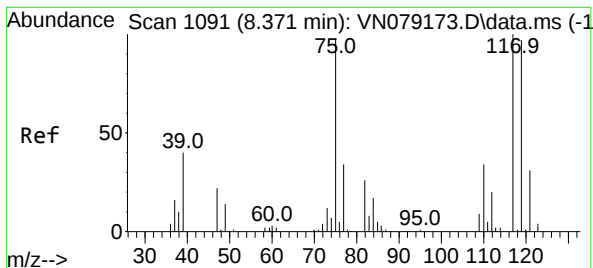


#32
1,1,1-Trichloroethane
Concen: 19.742 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52



Tgt Ion: 97 Resp: 61644
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 41.5 33.4 50.0





#33

Carbon Tetrachloride

Concen: 20.106 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBS01

Tgt Ion: 117 Resp: 53930

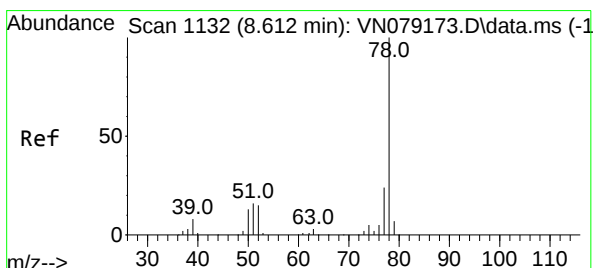
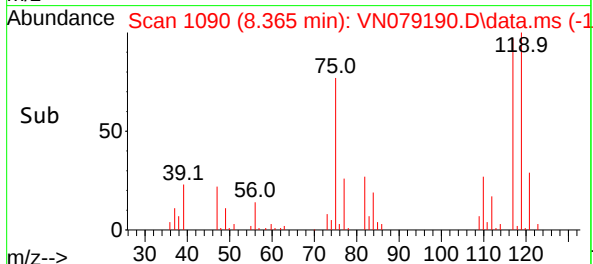
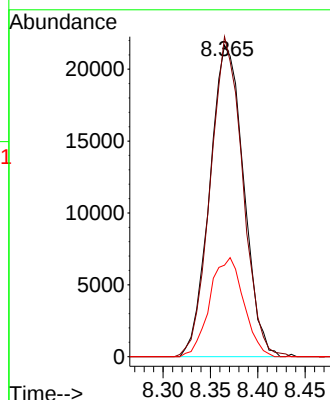
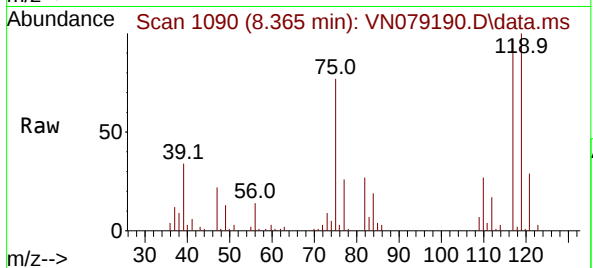
Ion	Ratio	Lower	Upper
117	100		
119	102.0	77.9	116.9
121	29.4	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#34

Benzene

Concen: 18.698 ug/l

RT: 8.612 min Scan# 1132

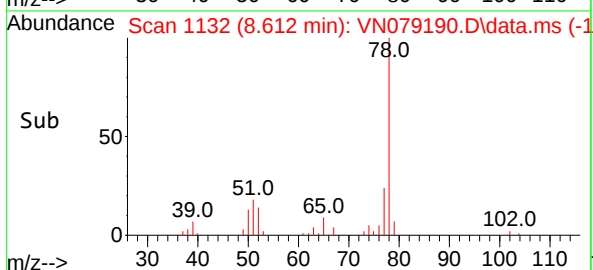
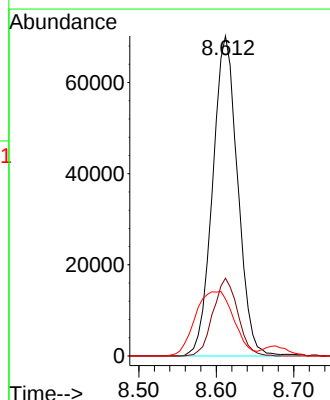
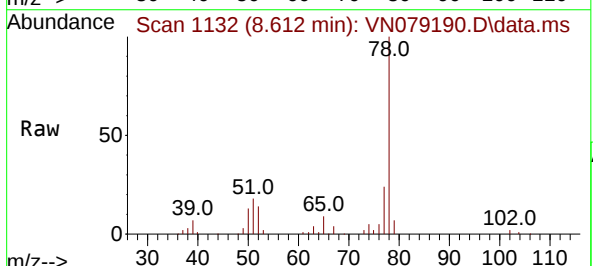
Delta R.T. -0.000 min

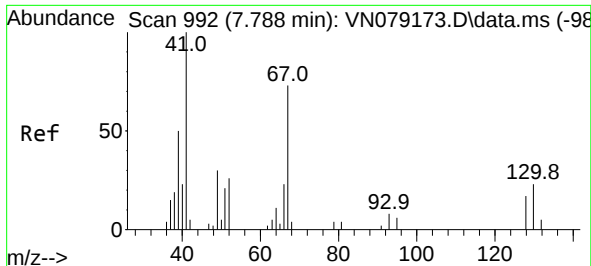
Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

Tgt Ion: 78 Resp: 157455

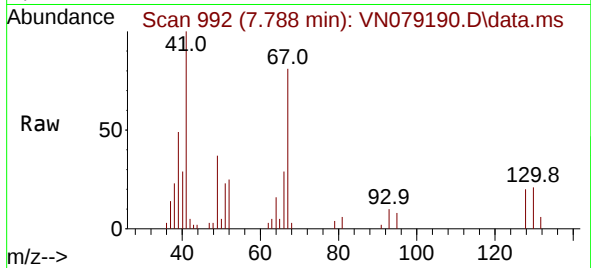
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.9	28.3
51	16.2	13.1	19.7





#35
Methacrylonitrile
Concen: 17.741 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

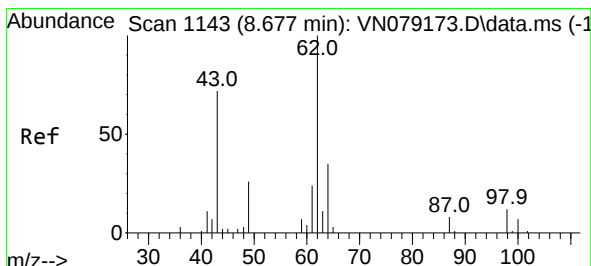
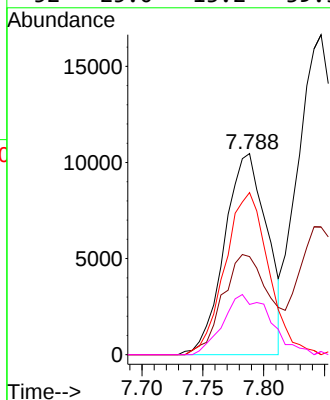
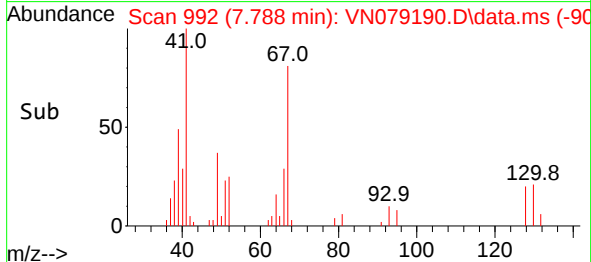
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion:	41	39	67	52
Ratio	100	48.8	80.6	25.0
Lower		24.9	36.7	13.2
Upper		74.6	110.1	39.5

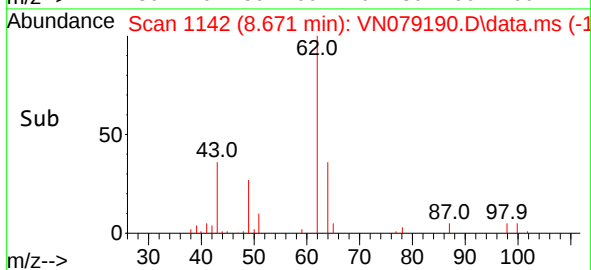
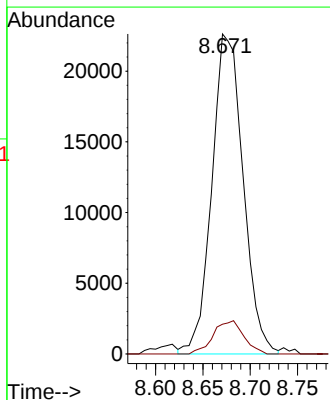
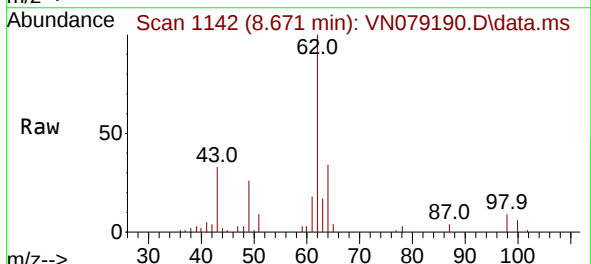
Manual Integrations
APPROVED

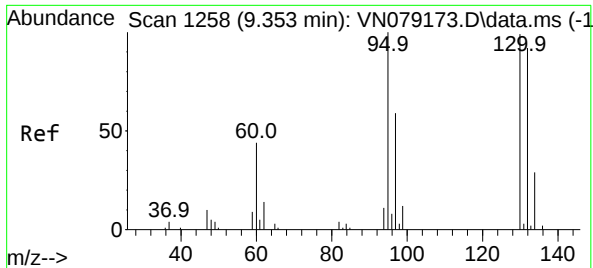
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#36
1,2-Dichloroethane
Concen: 18.723 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Tgt Ion:	62	98
Ratio	100	10.1
Lower		8.2
Upper		12.2





#37

Trichloroethene

Concen: 19.886 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBS01

Tgt Ion:130 Resp: 3958

Ion Ratio Lower Upper

130 100

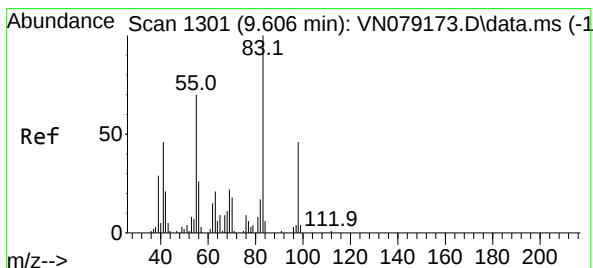
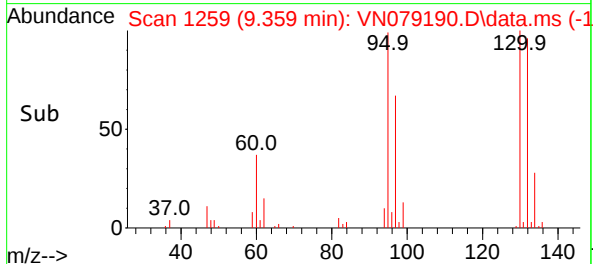
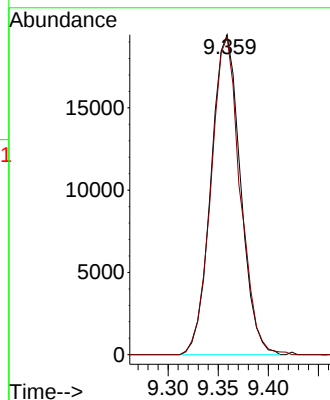
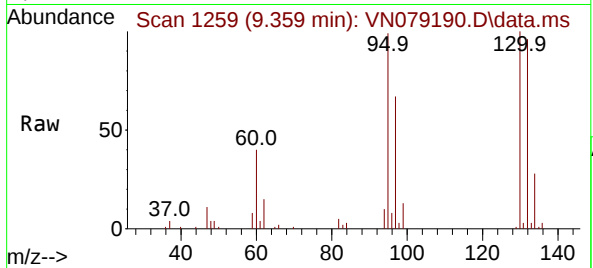
95 99.2 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#38

Methylcyclohexane

Concen: 18.847 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

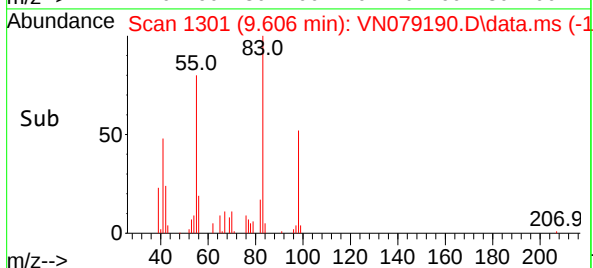
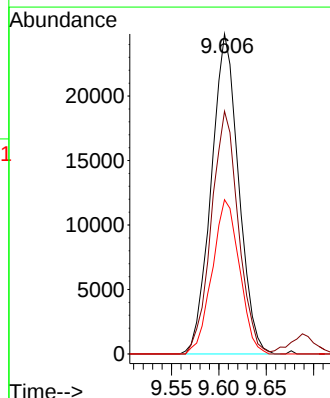
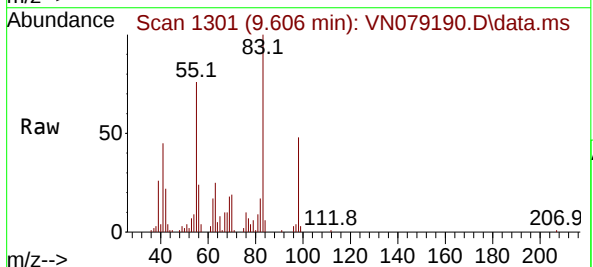
Tgt Ion: 83 Resp: 49939

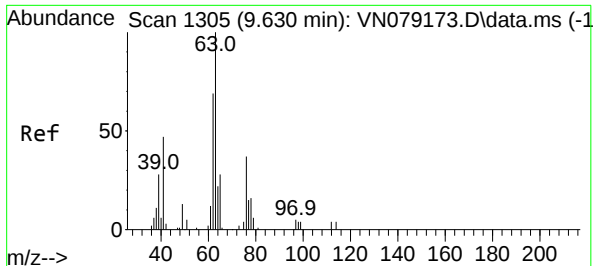
Ion Ratio Lower Upper

83 100

55 74.9 39.1 117.2

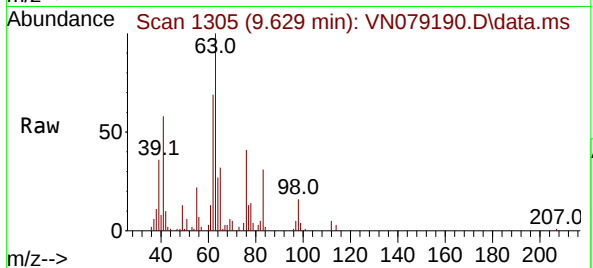
98 48.2 24.1 72.4





#39
1,2-Dichloropropane
Concen: 19.045 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

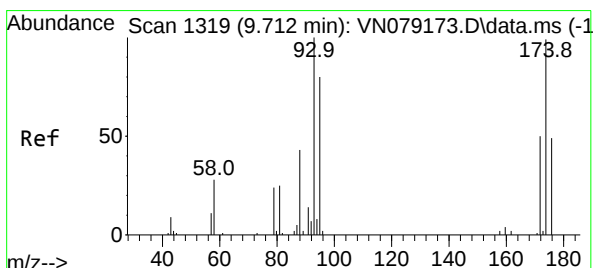
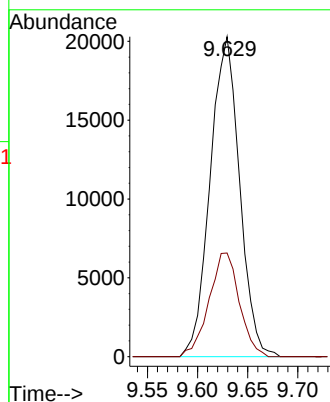
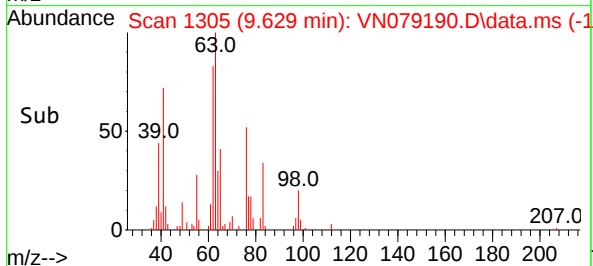
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



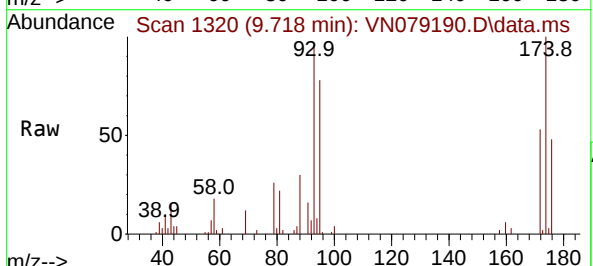
Tgt Ion: 63 Resp: 41369
Ion Ratio Lower Upper
63 100
65 32.4 23.4 35.0

Manual Integrations
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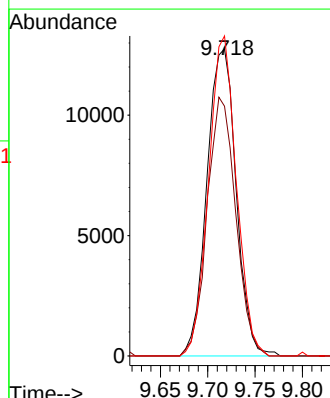
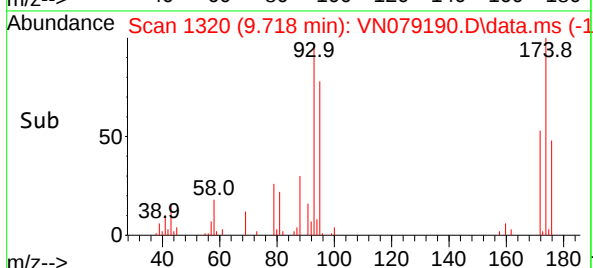
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

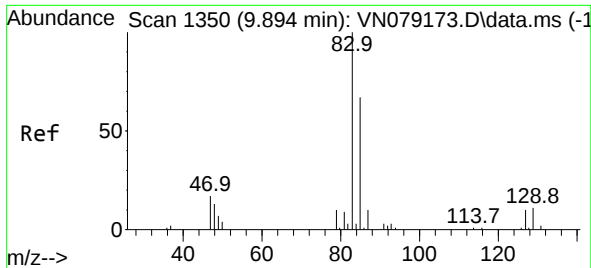


#40
Dibromomethane
Concen: 19.151 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52



Tgt Ion: 93 Resp: 27433
Ion Ratio Lower Upper
93 100
95 82.4 0.0 172.4
174 99.0 0.0 192.4





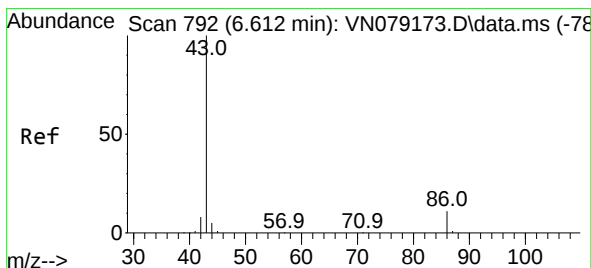
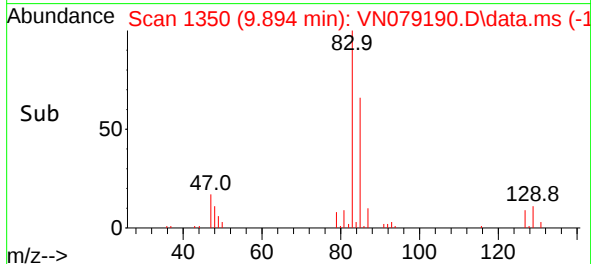
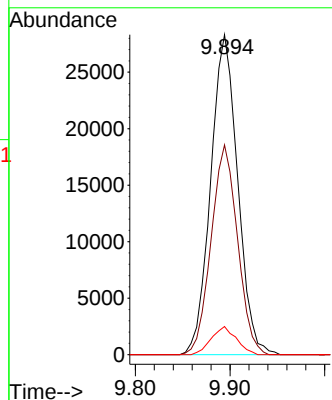
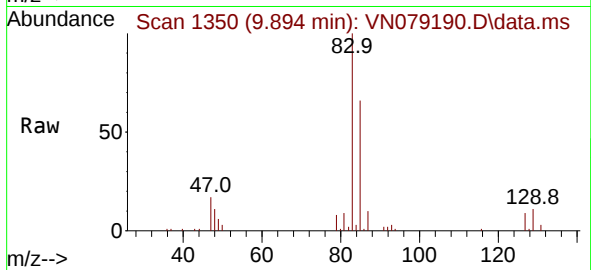
#41
Bromodichloromethane
Concen: 19.664 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion: 83 Resp: 56150
Ion Ratio Lower Upper
83 100
85 65.6 53.4 80.2
127 8.8 8.3 12.5

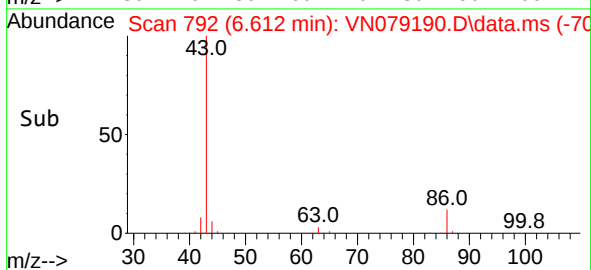
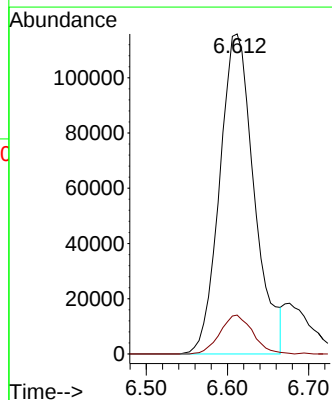
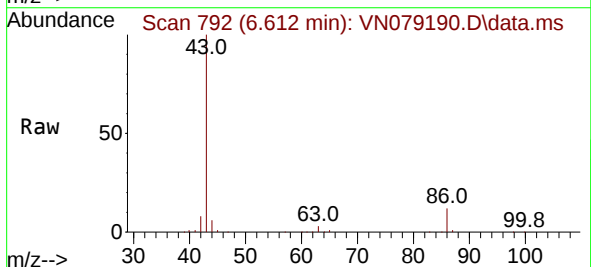
Manual Integrations
APPROVED

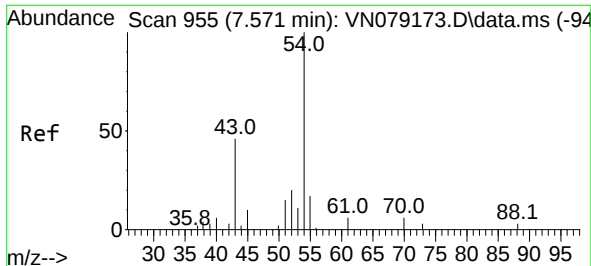
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#42
Vinyl Acetate
Concen: 108.318 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

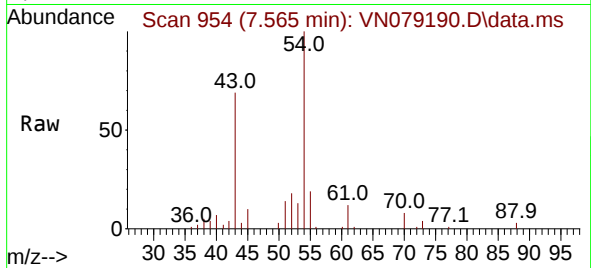
Tgt Ion: 43 Resp: 342932
Ion Ratio Lower Upper
43 100
86 11.5 9.2 13.8





#43
Ethyl Acetate
Concen: 19.565 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

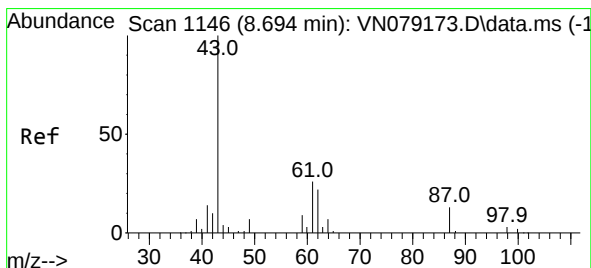
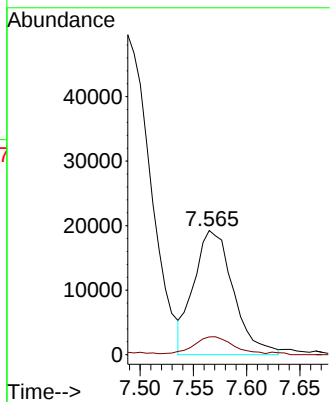
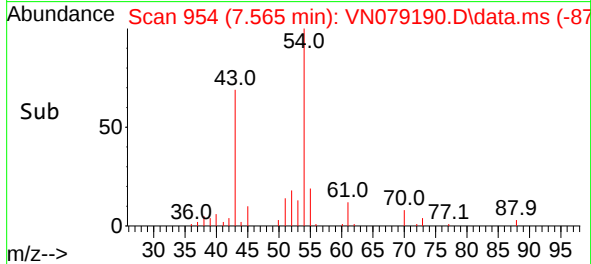
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 43 Resp: 49530
Ion Ratio Lower Upper
43 100
45 14.7 11.1 16.7

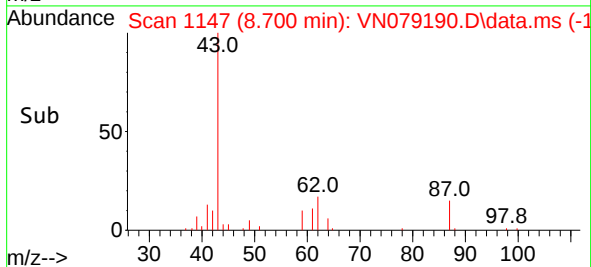
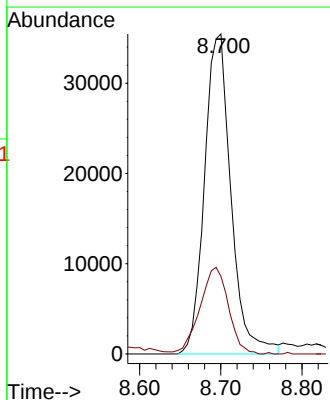
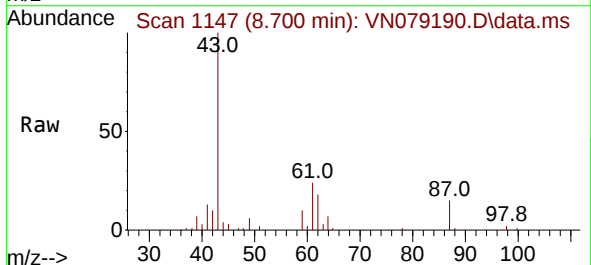
Manual Integrations
APPROVED

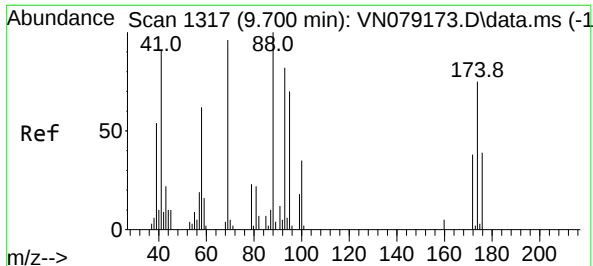
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#44
Isopropyl Acetate
Concen: 17.644 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Tgt Ion: 43 Resp: 80357
Ion Ratio Lower Upper
43 100
61 29.1 22.6 33.8





#45

1,4-Dioxane

Concen: 362.920 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBS01

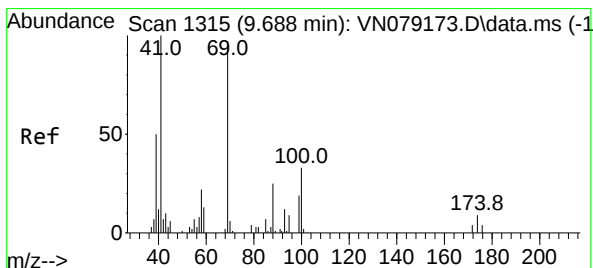
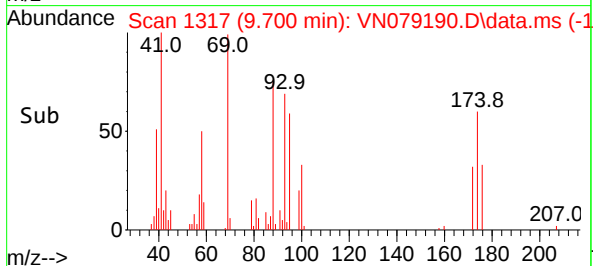
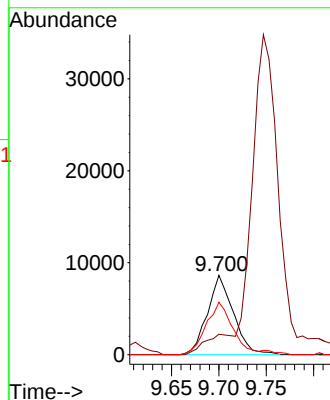
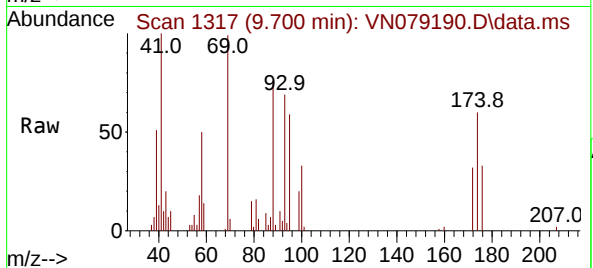
Tgt Ion: 88	Resp: 1645
Ion Ratio	Lower Upper
88	100
43	30.1 19.9 29.9
58	67.3 58.0 87.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#46

Methyl methacrylate

Concen: 17.552 ug/l

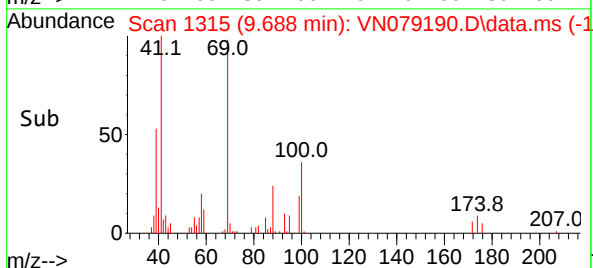
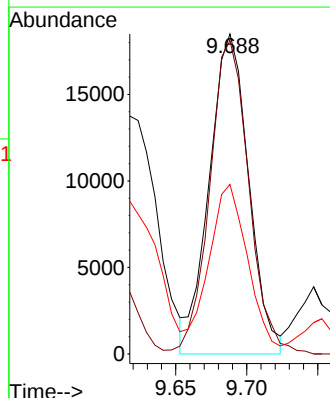
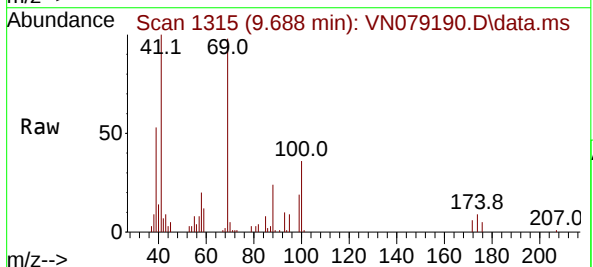
RT: 9.688 min Scan# 1315

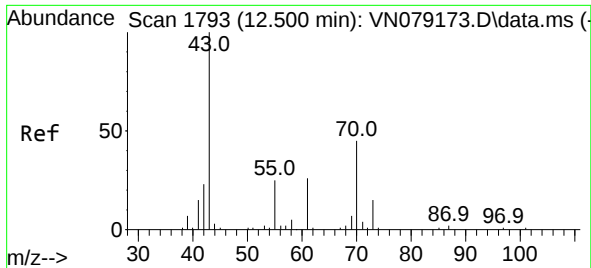
Delta R.T. 0.000 min

Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

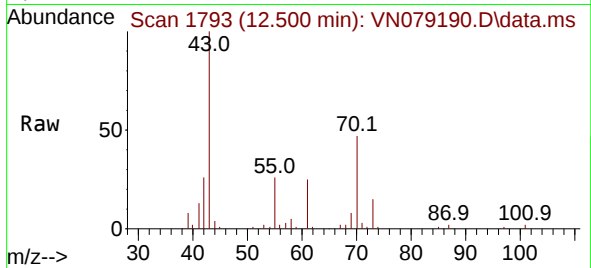
Tgt Ion: 41	Resp: 35714
Ion Ratio	Lower Upper
41	100
69	101.2 48.1 144.3
39	53.5 25.8 77.3





#47
n-amy1 Acetate
Concen: 19.007 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

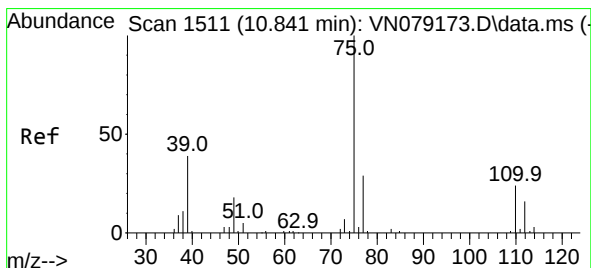
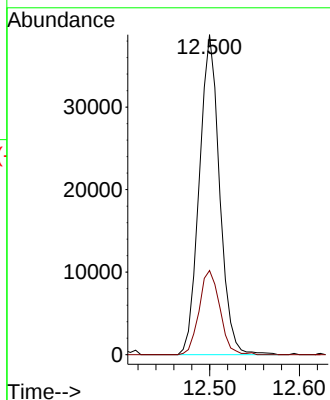
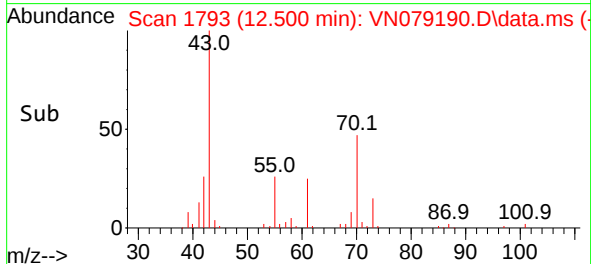
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 43 Resp: 6088
Ion Ratio Lower Upper
43 100
55 26.8 20.5 30.7

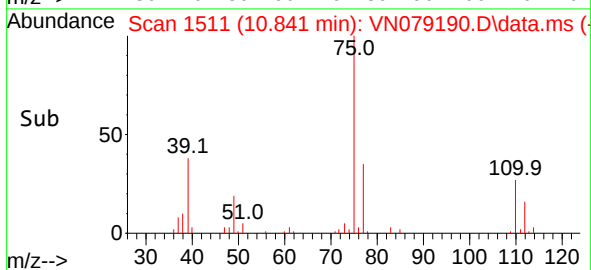
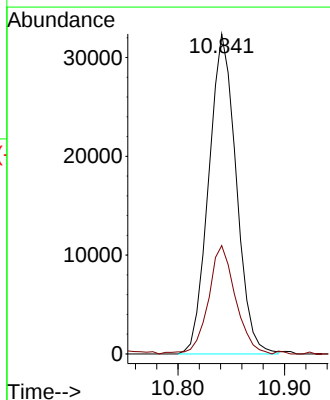
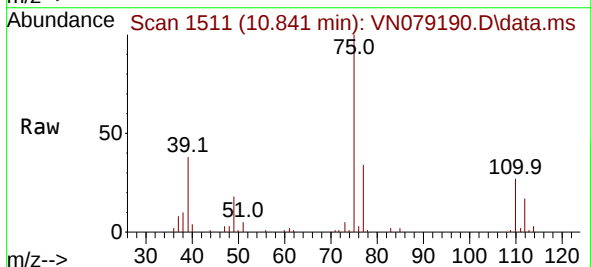
Manual Integrations
APPROVED

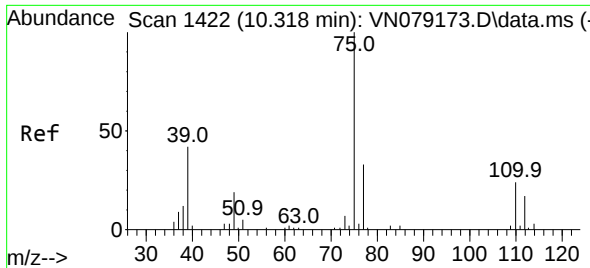
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#48
t-1,3-Dichloropropene
Concen: 18.747 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

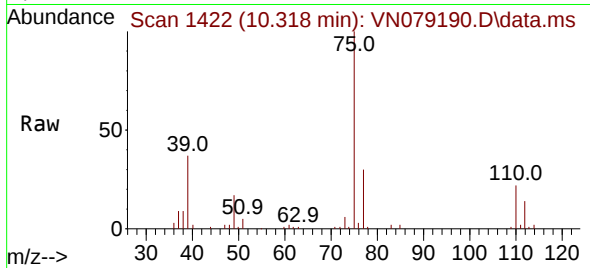
Tgt Ion: 75 Resp: 57915
Ion Ratio Lower Upper
75 100
77 33.2 22.9 34.3





#49
 cis-1,3-Dichloropropene
 Concen: 20.217 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079190.D
 Acq: 08 Sep 2023 11:52

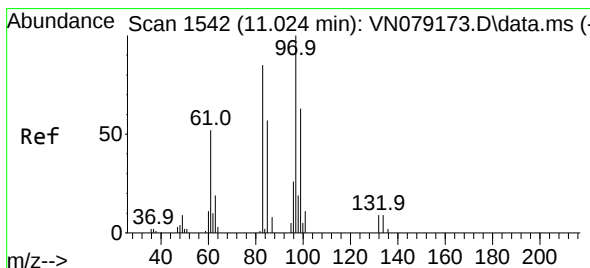
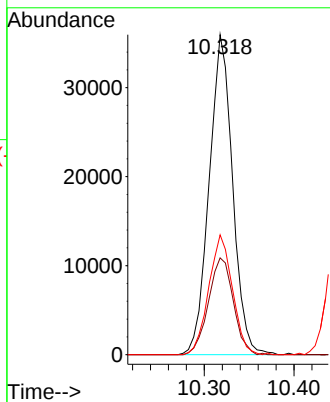
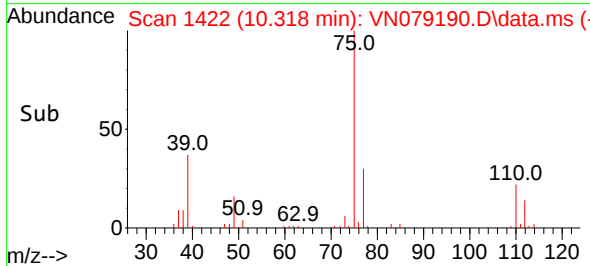
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBS01



Tgt Ion: 75 Resp: 65148
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.2 39.2
 39 37.5 33.8 50.8

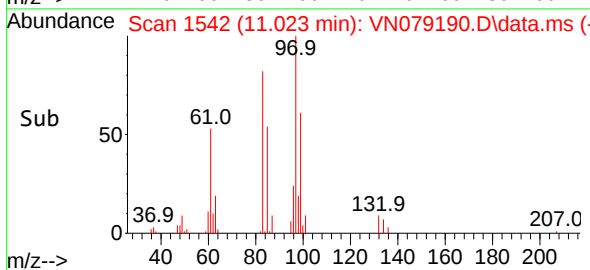
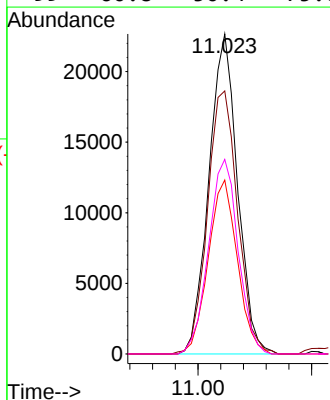
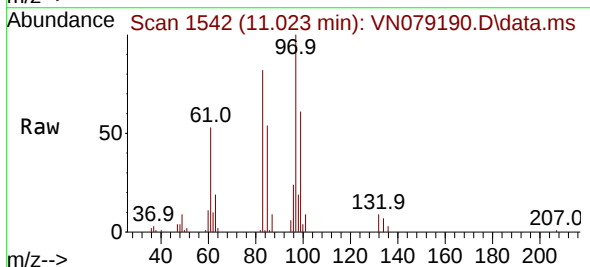
Manual Integrations
 APPROVED

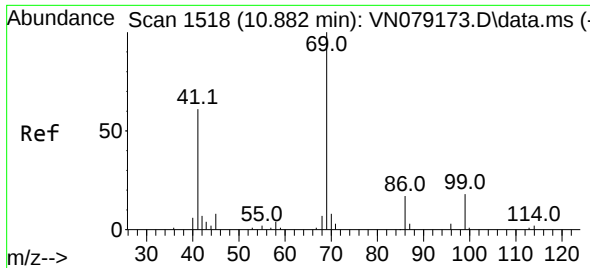
Reviewed By :John Carbone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023



#50
 1,1,2-Trichloroethane
 Concen: 19.758 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. -0.001 min
 Lab File: VN079190.D
 Acq: 08 Sep 2023 11:52

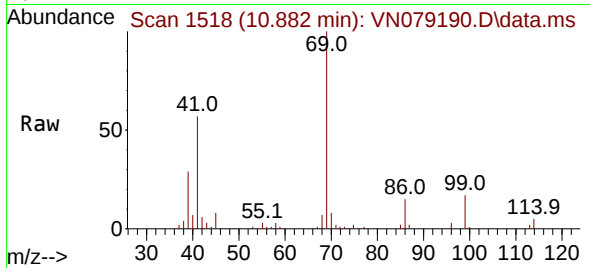
Tgt Ion: 97 Resp: 39706
 Ion Ratio Lower Upper
 97 100
 83 82.2 68.9 103.3
 85 54.4 45.3 67.9
 99 60.8 50.4 75.6





#51
Ethyl methacrylate
Concen: 18.572 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

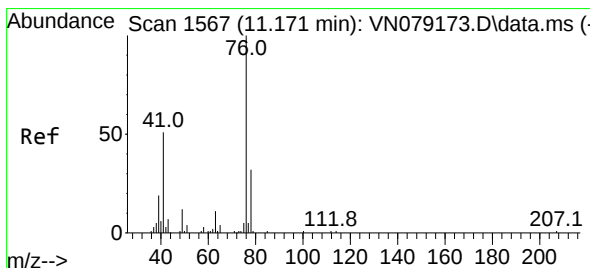
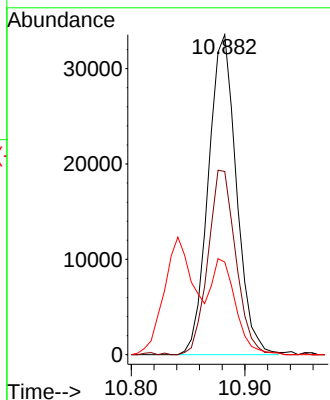
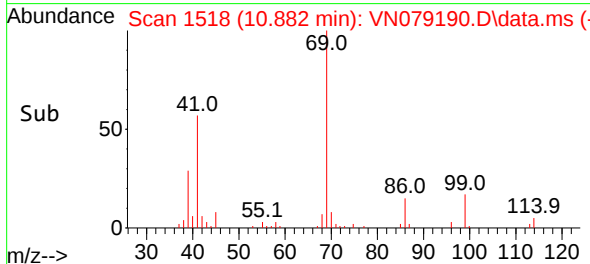
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



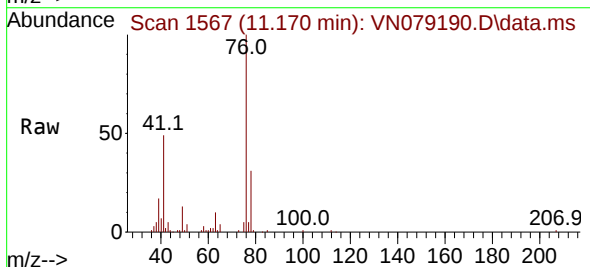
Tgt Ion: 69 Resp: 57640
Ion Ratio Lower Upper
69 100
41 57.2 30.3 90.9
39 28.4 13.4 40.1

Manual Integrations
APPROVED

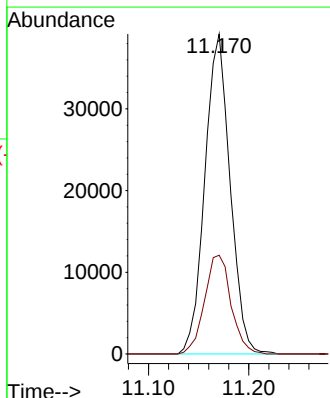
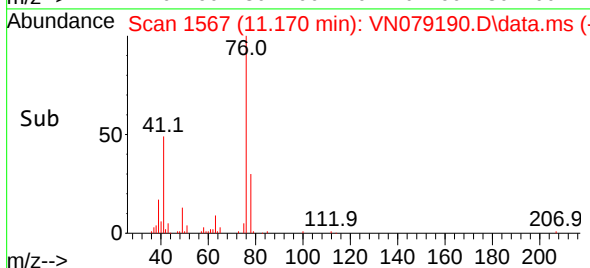
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

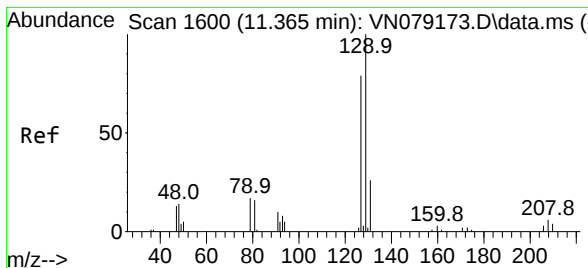


#52
1,3-Dichloropropane
Concen: 19.987 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52



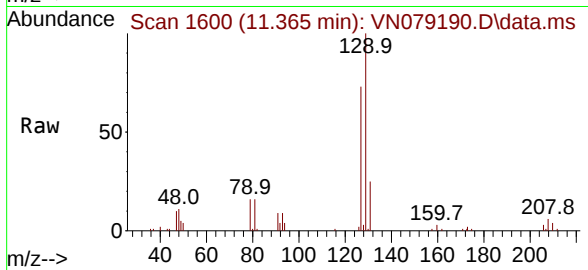
Tgt Ion: 76 Resp: 68573
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.2





#53
Dibromochloromethane
Concen: 20.065 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

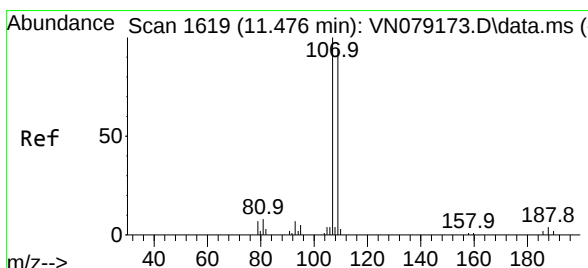
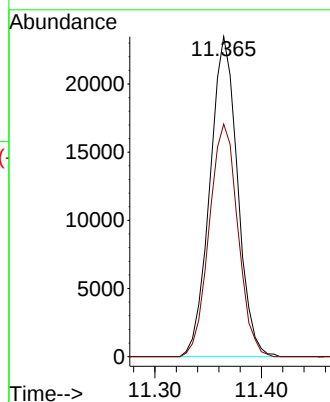
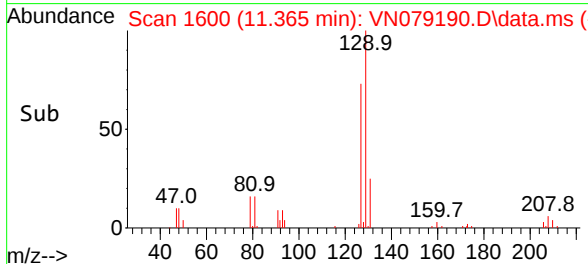
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



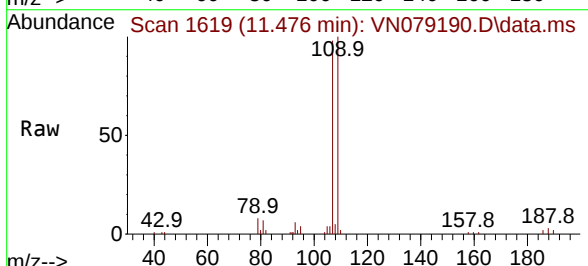
Tgt Ion:129 Resp: 42290
Ion Ratio Lower Upper
129 100
127 75.3 38.7 116.1

Manual Integrations
APPROVED

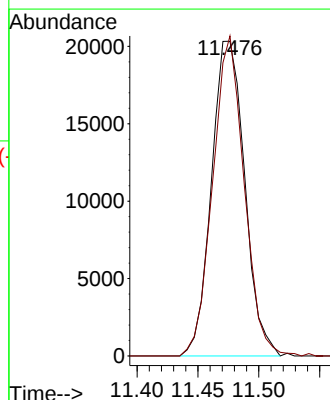
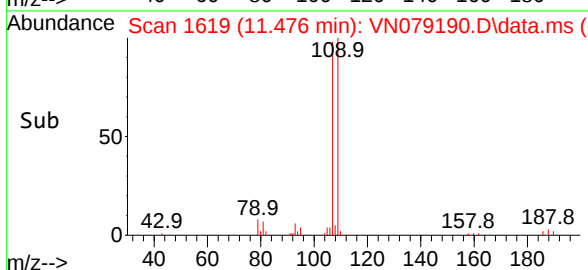
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

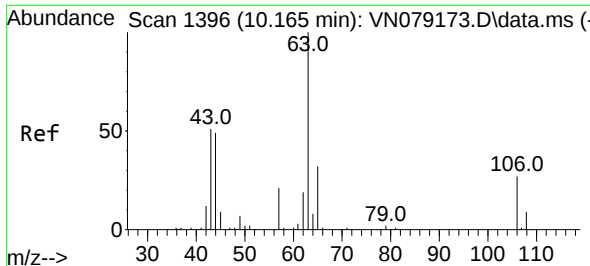


#54
1,2-Dibromoethane
Concen: 18.921 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52



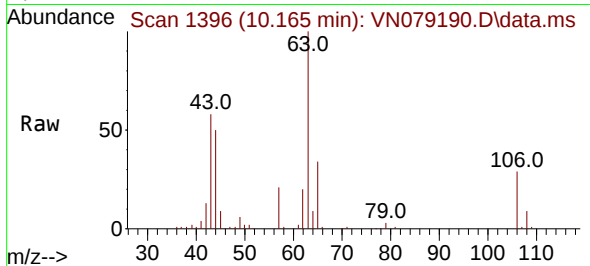
Tgt Ion:107 Resp: 38611
Ion Ratio Lower Upper
107 100
109 96.1 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 114.270 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

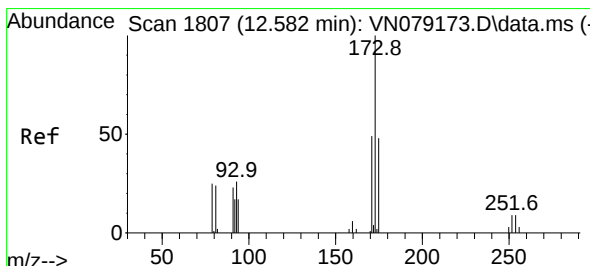
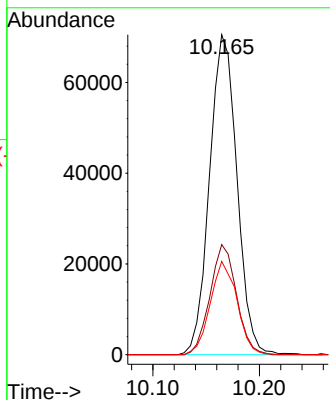
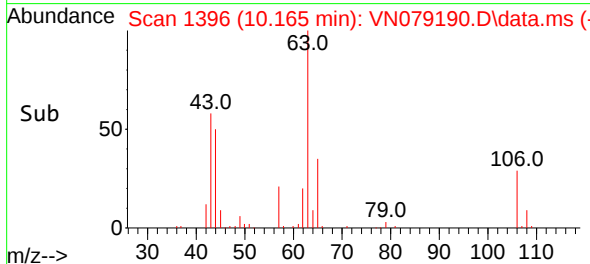
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 63 Resp: 12601
Ion Ratio Lower Upper
63 100
65 33.2 25.7 38.5
106 28.5 21.9 32.9

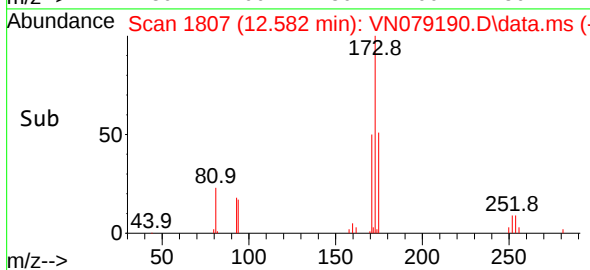
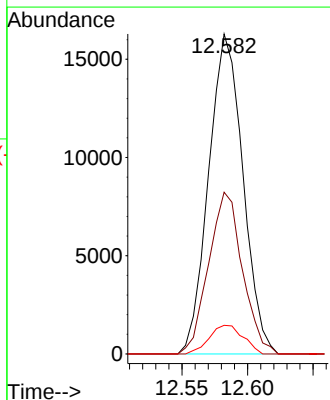
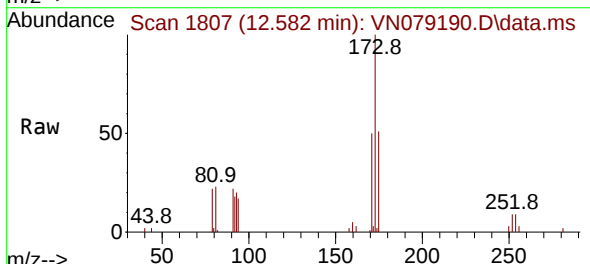
Manual Integrations
APPROVED

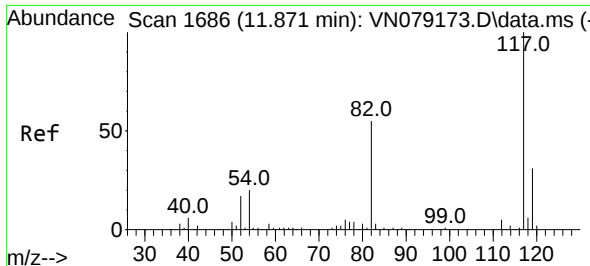
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#56
Bromoform
Concen: 20.145 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

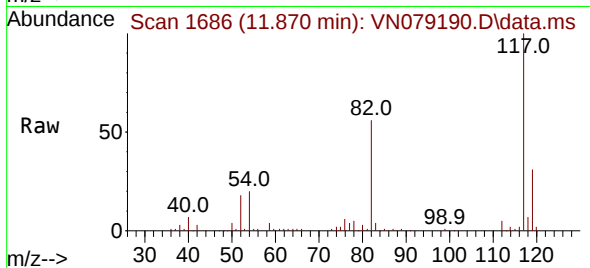
Tgt Ion:173 Resp: 29587
Ion Ratio Lower Upper
173 100
175 49.9 37.6 56.4
254 8.9 7.8 11.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

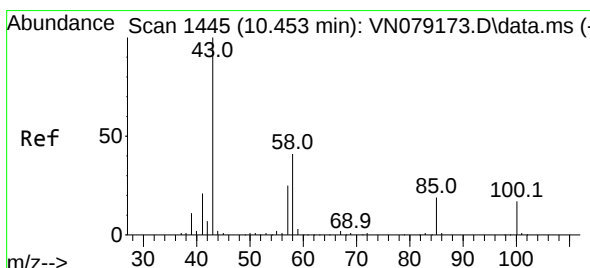
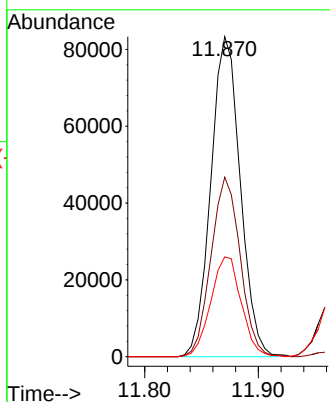
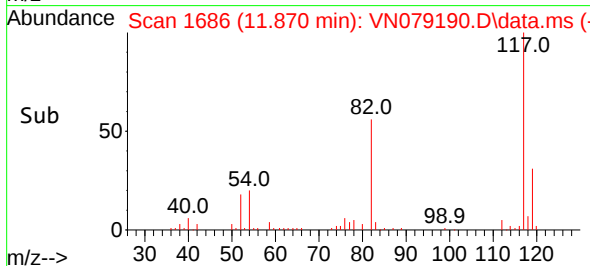
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



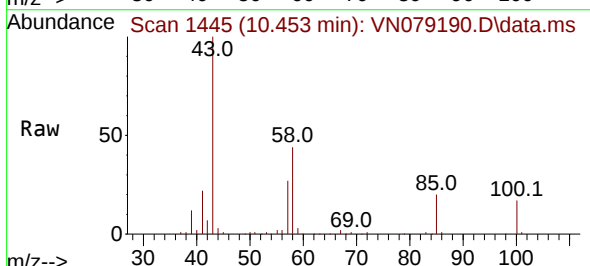
Tgt Ion:117 Resp: 15005
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 32.3 24.9 37.3

Manual Integrations
APPROVED

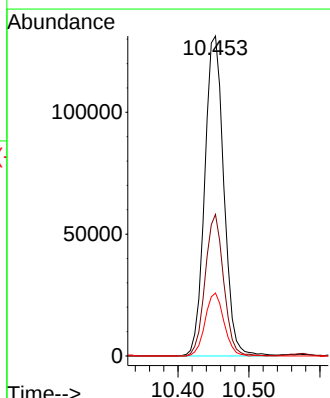
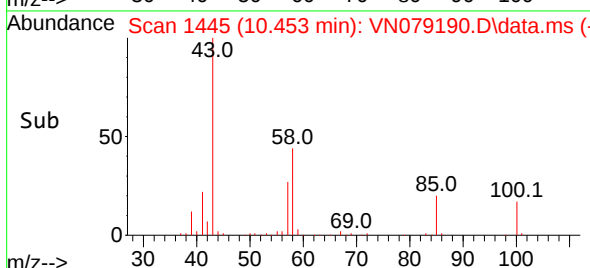
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

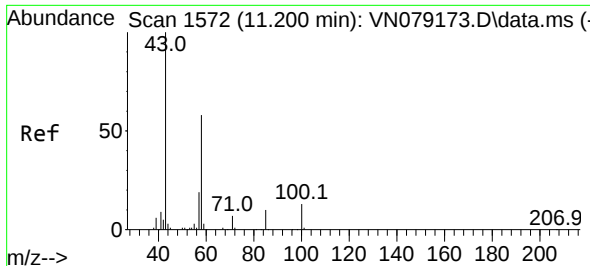


#58
4-Methyl-2-Pentanone
Concen: 89.502 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52



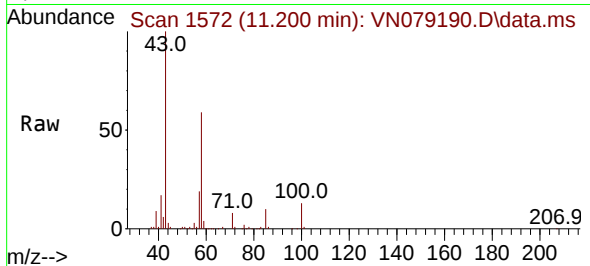
Tgt Ion: 43 Resp: 246456
Ion Ratio Lower Upper
43 100
58 42.7 33.6 50.4
85 19.3 15.0 22.4





#59
2-Hexanone
Concen: 92.893 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

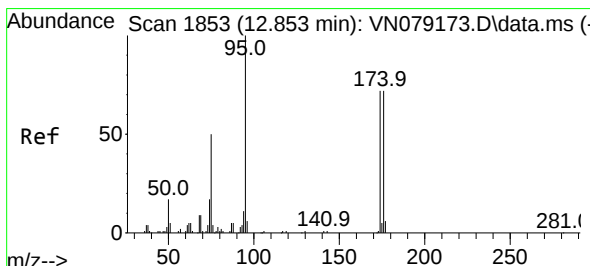
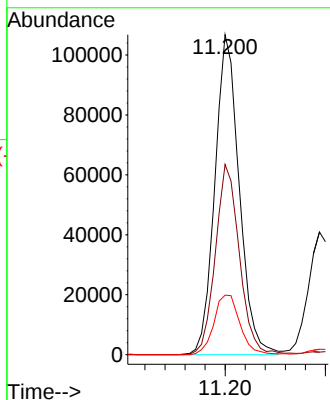
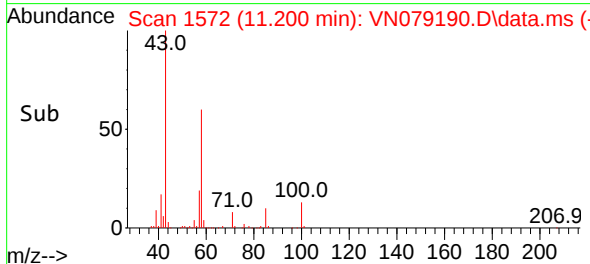
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 43 Resp: 17964
Ion Ratio Lower Upper
43 100
58 58.6 46.4 69.6
57 20.0 15.3 22.9

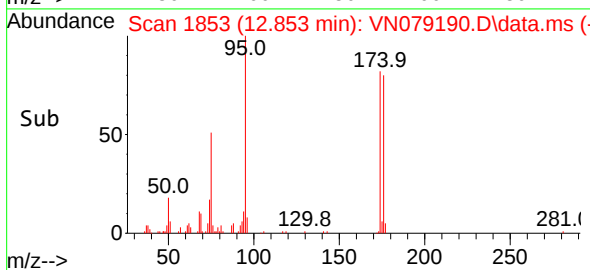
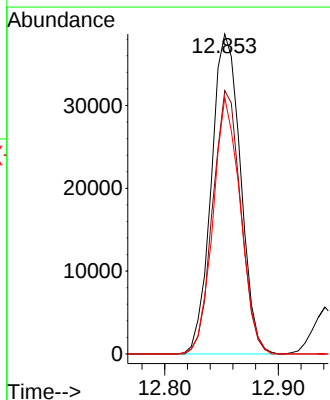
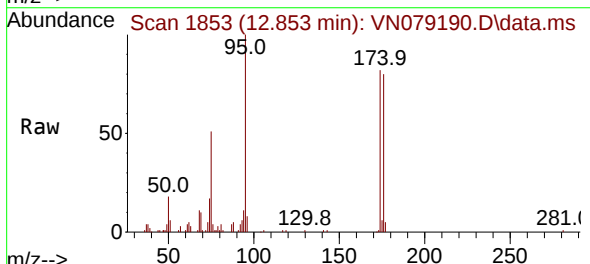
Manual Integrations
APPROVED

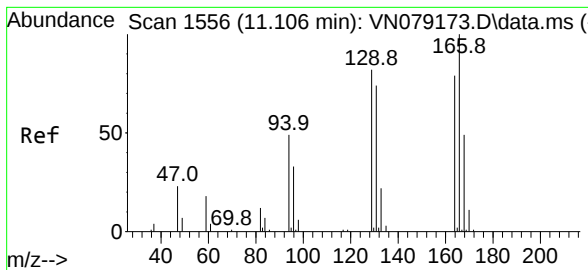
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#60
4-Bromofluorobenzene
Concen: 31.084 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

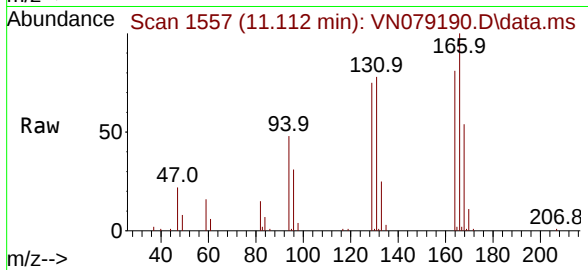
Tgt Ion: 95 Resp: 68727
Ion Ratio Lower Upper
95 100
174 78.9 59.5 89.3
176 75.5 59.1 88.7





#61
Tetrachloroethene
Concen: 19.475 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

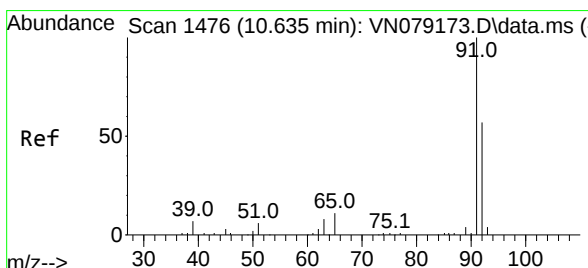
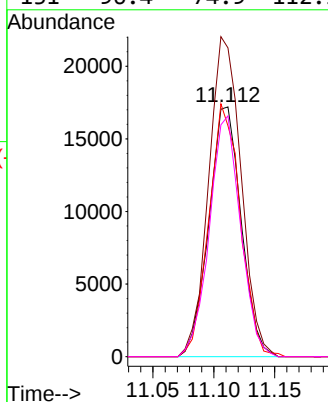
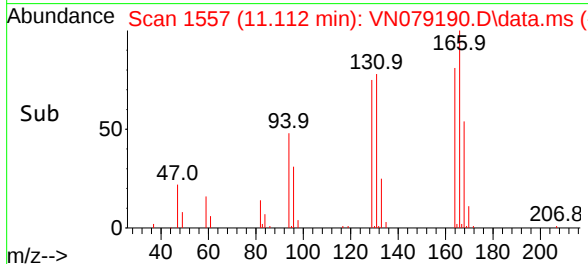
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion:164 Resp: 31798
Ion Ratio Lower Upper
164 100
166 123.6 101.9 152.9
129 92.4 83.4 125.0
131 96.4 74.9 112.3

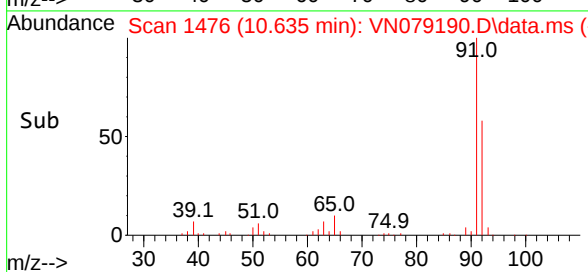
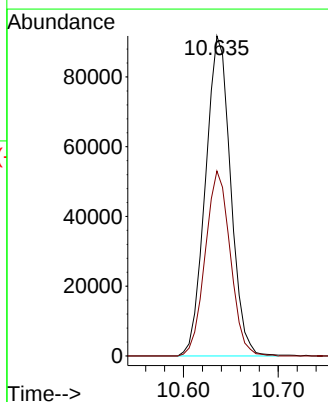
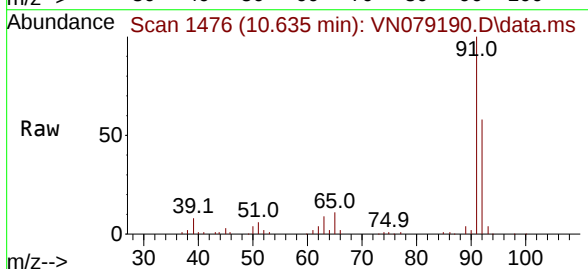
Manual Integrations
APPROVED

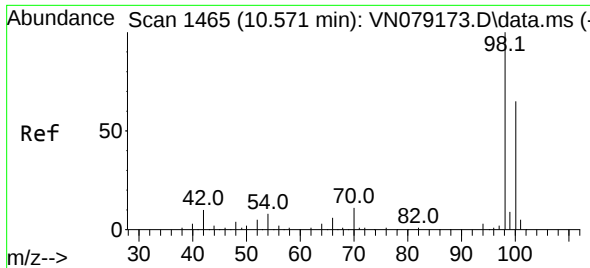
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#62
Toluene
Concen: 19.379 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

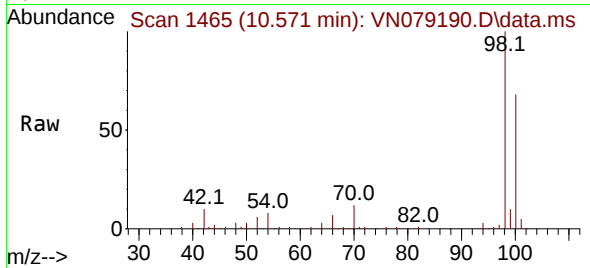
Tgt Ion: 91 Resp: 169319
Ion Ratio Lower Upper
91 100
92 57.6 45.7 68.5





#63
Toluene-d8
Concen: 30.435 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

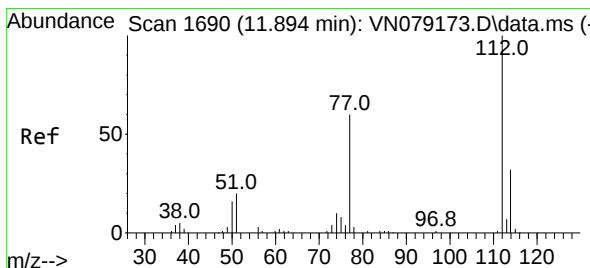
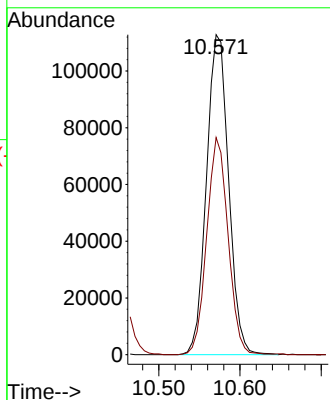
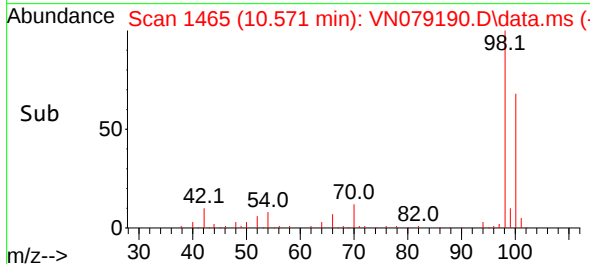
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



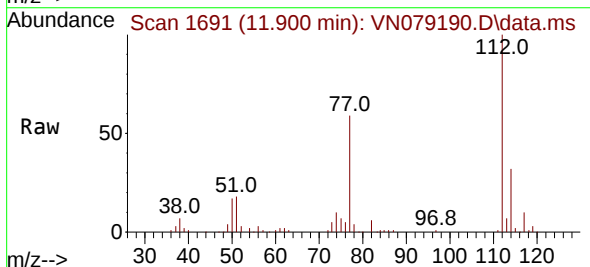
Tgt Ion: 98 Resp: 213429
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

Manual Integrations
APPROVED

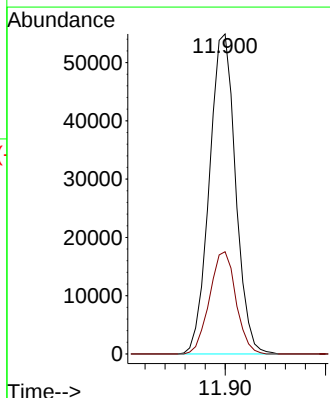
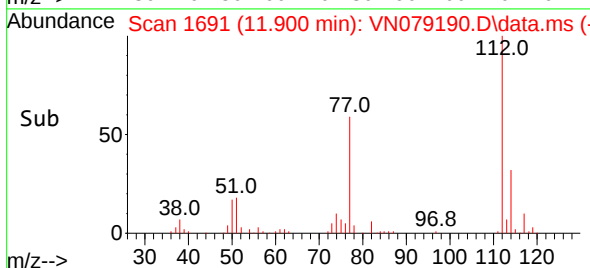
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

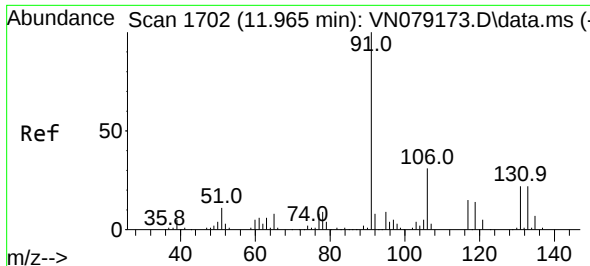


#64
Chlorobenzene
Concen: 19.576 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52



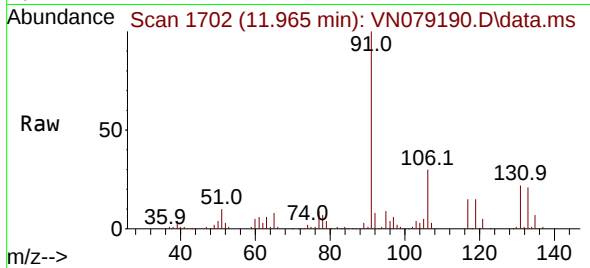
Tgt Ion:112 Resp: 99778
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.143 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

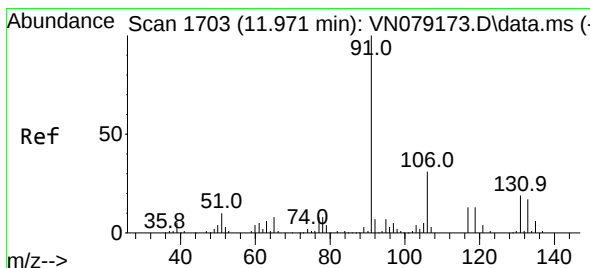
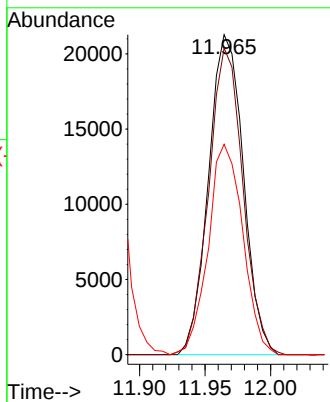
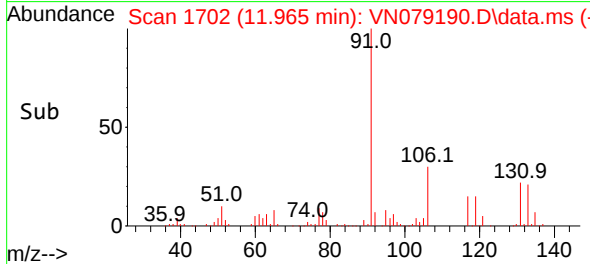
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



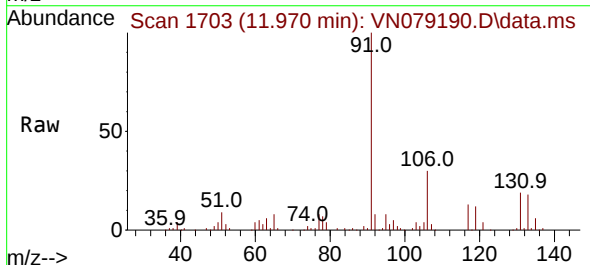
Tgt Ion:131 Resp: 39300
Ion Ratio Lower Upper
131 100
133 94.4 0.0 193.0
119 65.4 0.0 131.2

Manual Integrations
APPROVED

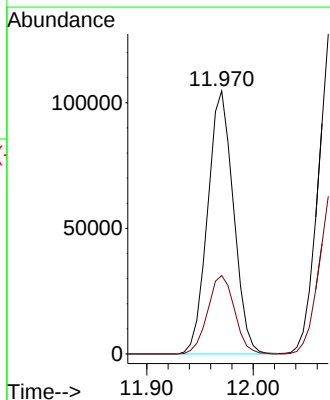
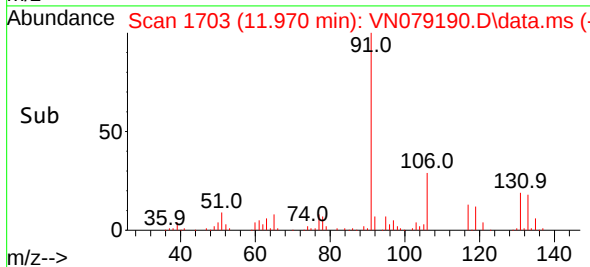
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

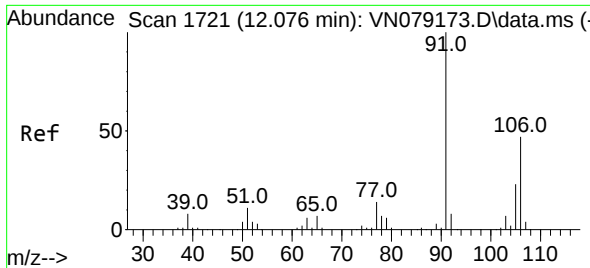


#66
Ethyl Benzene
Concen: 20.075 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52



Tgt Ion: 91 Resp: 176600
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.6





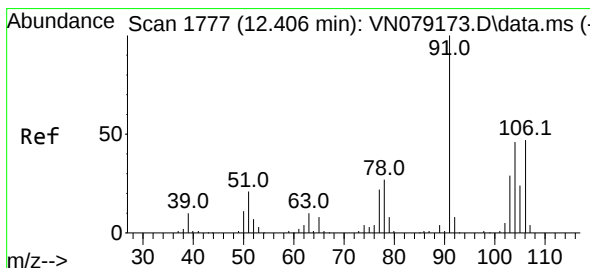
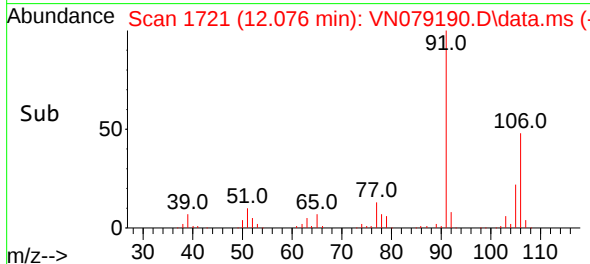
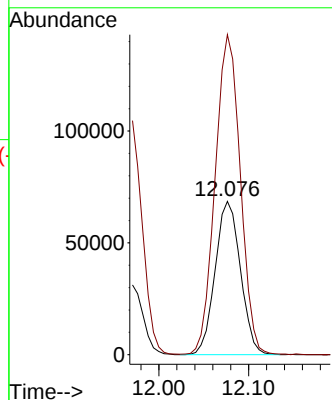
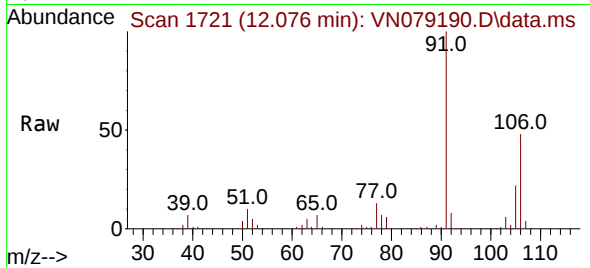
#67
m/p-Xylenes
Concen: 40.513 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion:106 Resp: 13410
Ion Ratio Lower Upper
106 100
91 208.1 165.2 247.8

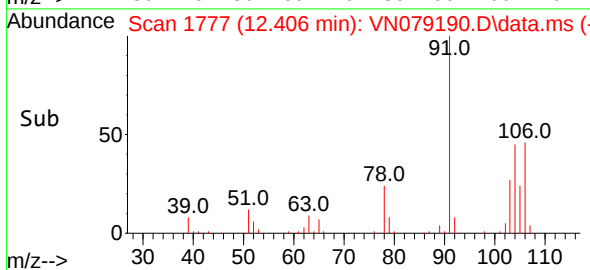
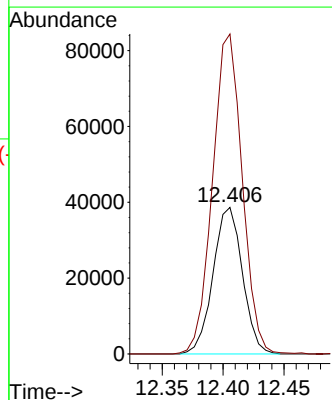
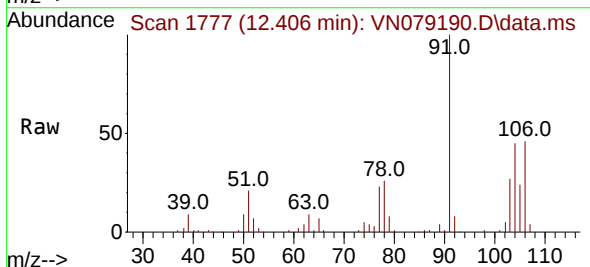
Manual Integrations
APPROVED

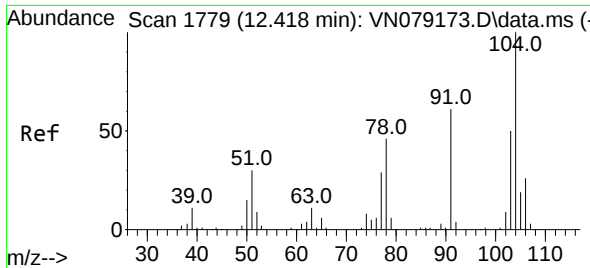
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#68
o-Xylene
Concen: 20.352 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Tgt Ion:106 Resp: 64969
Ion Ratio Lower Upper
106 100
91 220.2 109.7 329.1





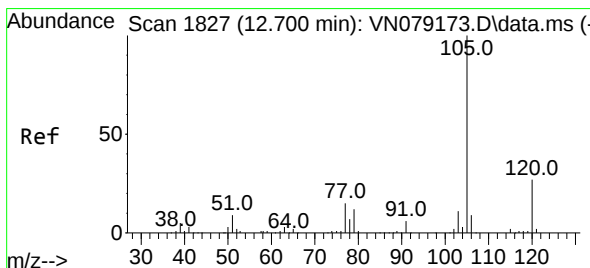
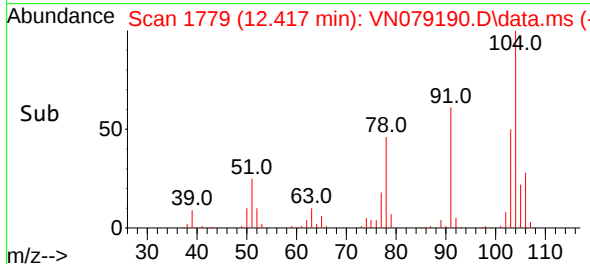
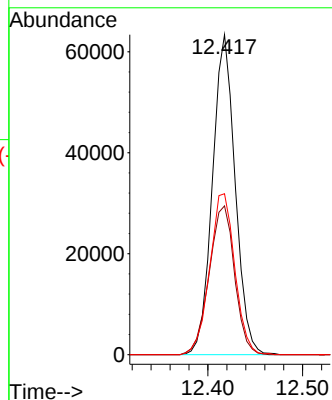
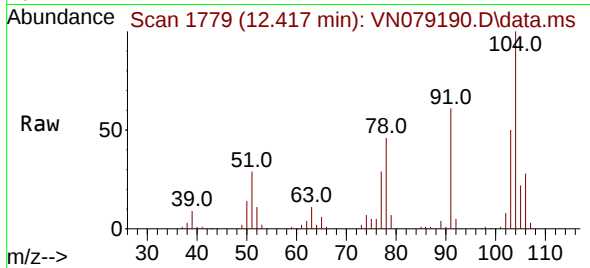
#69
Styrene
Concen: 20.749 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion:104 Resp: 105649
Ion Ratio Lower Upper
104 100
78 52.0 40.5 60.7
103 55.7 43.3 64.9

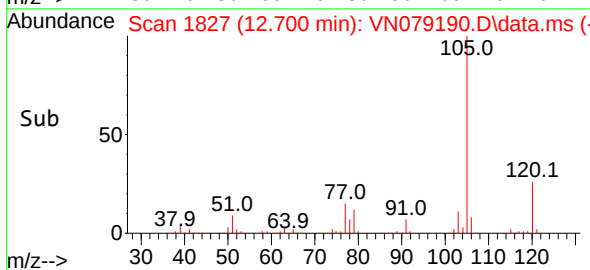
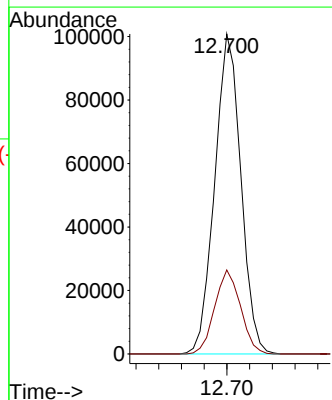
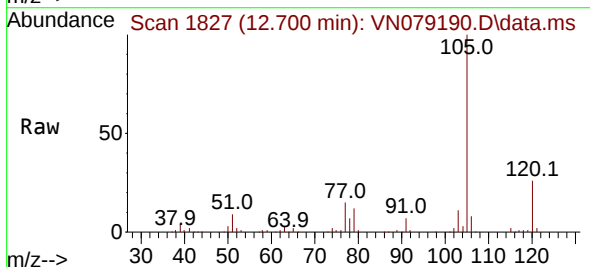
Manual Integrations
APPROVED

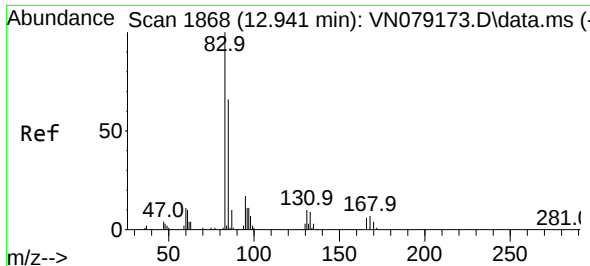
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#70
Isopropylbenzene
Concen: 19.864 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

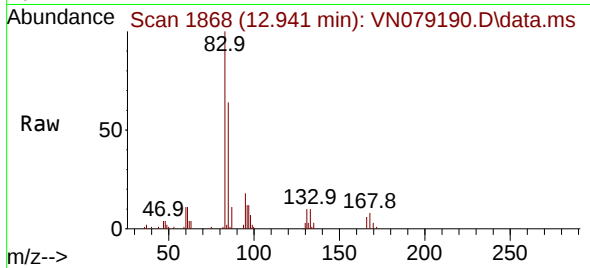
Tgt Ion:105 Resp: 161180
Ion Ratio Lower Upper
105 100
120 25.9 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 18.620 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

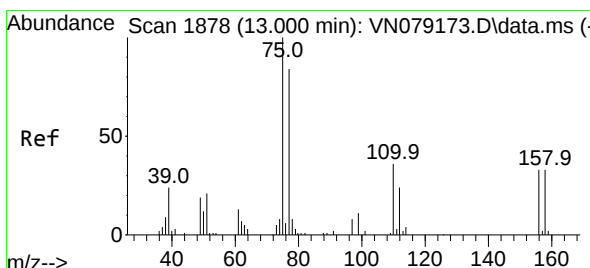
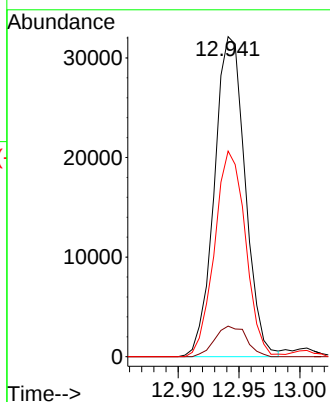
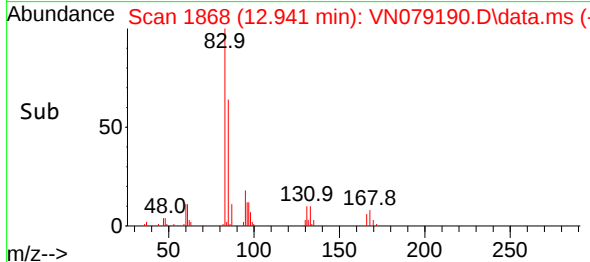
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion: 83 Resp: 56519
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 64.4 33.1 99.3

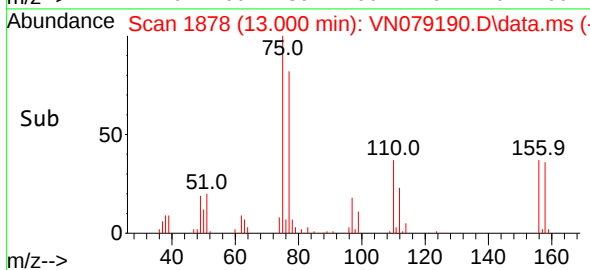
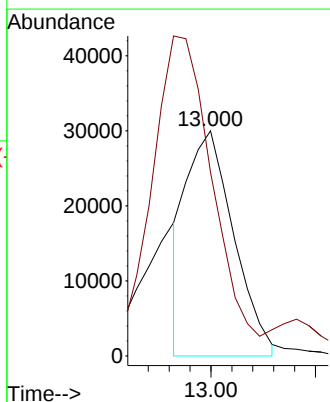
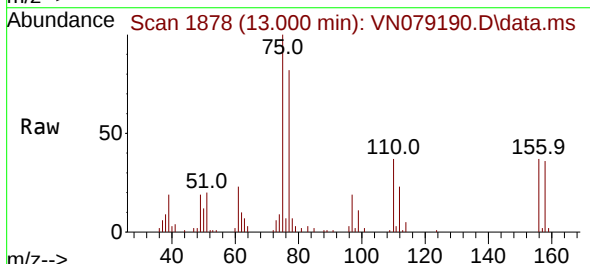
Manual Integrations
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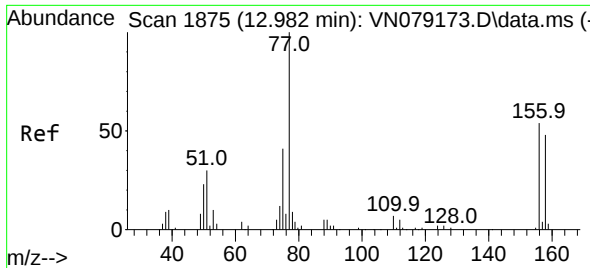
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#72
1,2,3-Trichloropropane
Concen: 18.486 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

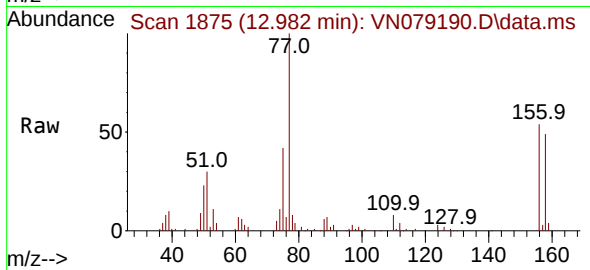
Tgt Ion: 75 Resp: 47213
Ion Ratio Lower Upper
75 100
77 184.0 0.0 252.2





#73
Bromobenzene
Concen: 20.027 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

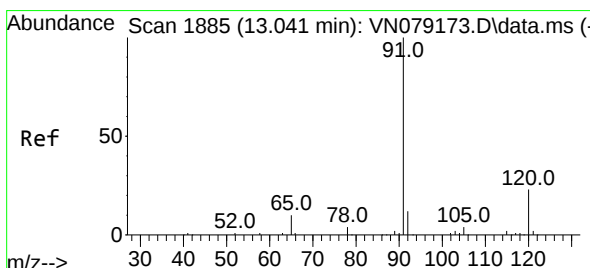
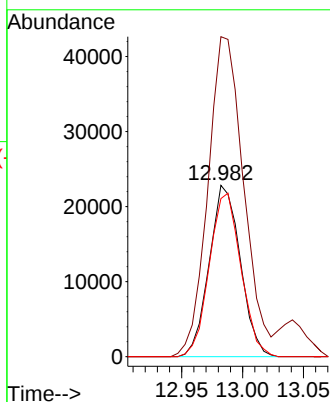
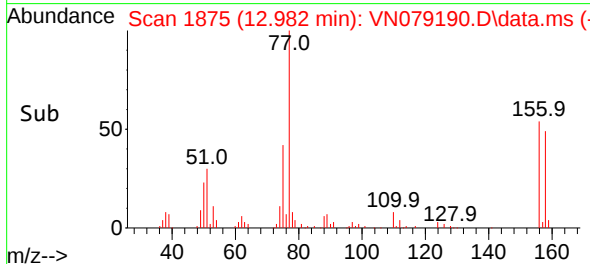
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion:156 Resp: 40598
Ion Ratio Lower Upper
156 100
77 214.0 0.0 446.6
158 96.8 0.0 188.6

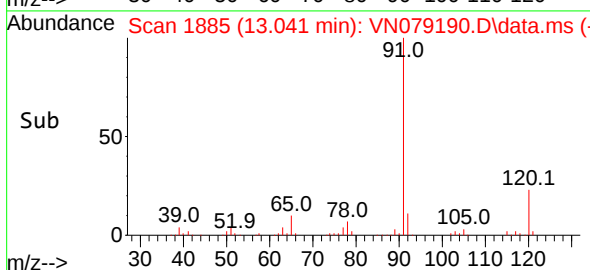
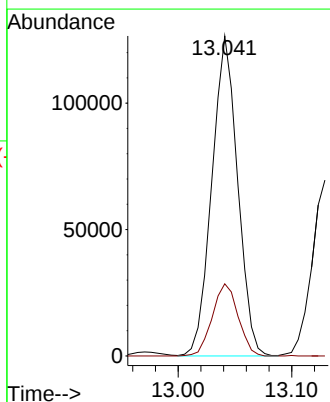
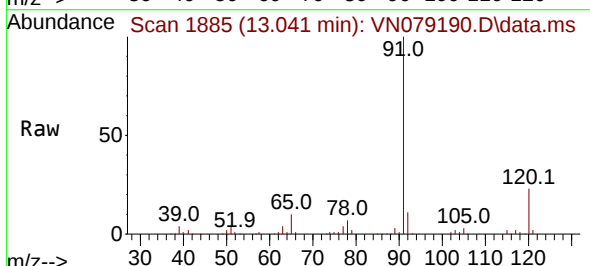
Manual Integrations
APPROVED

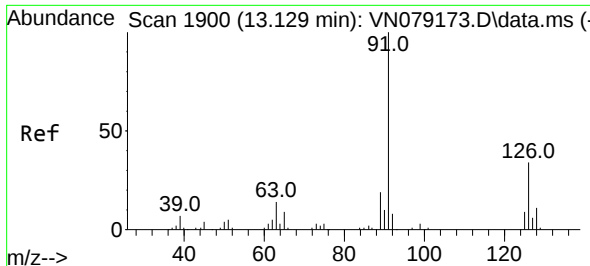
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#74
n-propylbenzene
Concen: 21.592 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Tgt Ion: 91 Resp: 199622
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.0





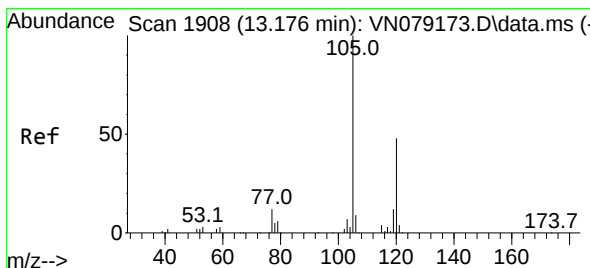
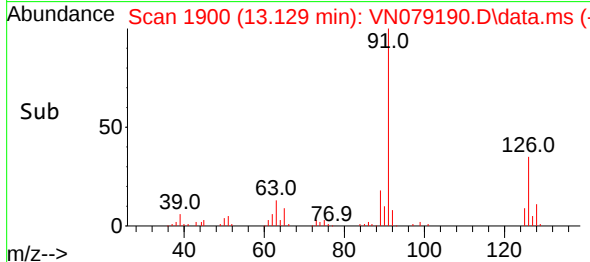
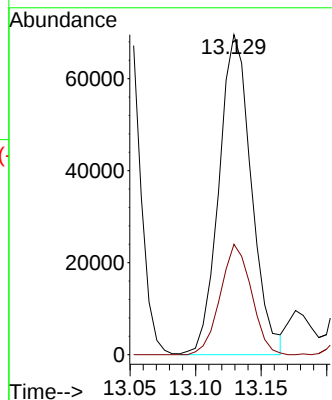
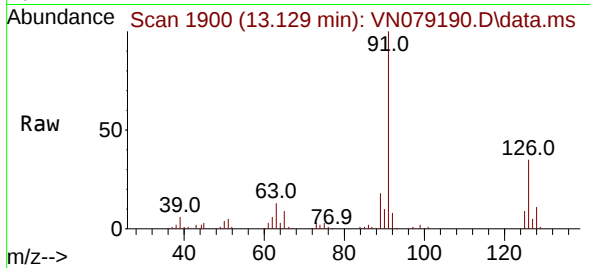
#75
2-Chlorotoluene
Concen: 20.184 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion: 91 Resp: 119654
Ion Ratio Lower Upper
91 100
126 33.0 0.0 65.4

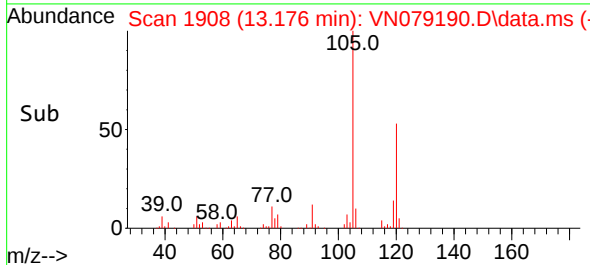
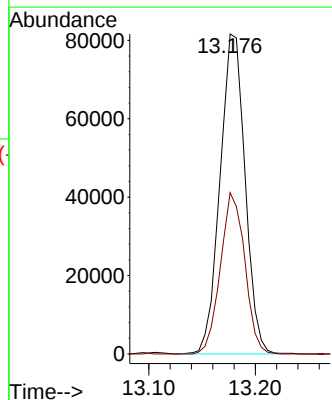
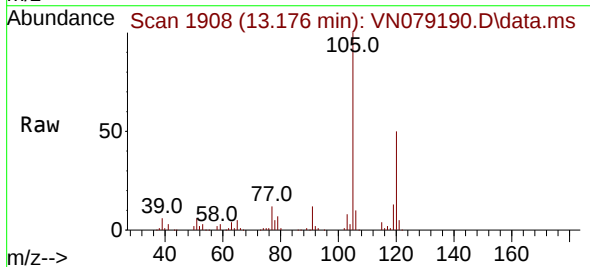
Manual Integrations
APPROVED

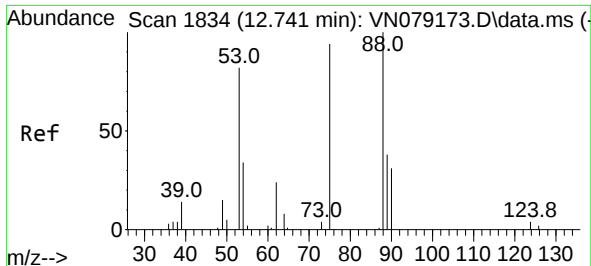
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.889 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Tgt Ion:105 Resp: 133437
Ion Ratio Lower Upper
105 100
120 49.0 0.0 95.6





#77

t-1,4-Dichloro-2-butene

Concen: 19.155 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBS01

Tgt Ion: 75 Resp: 17224

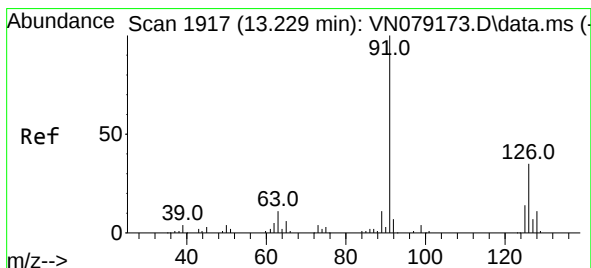
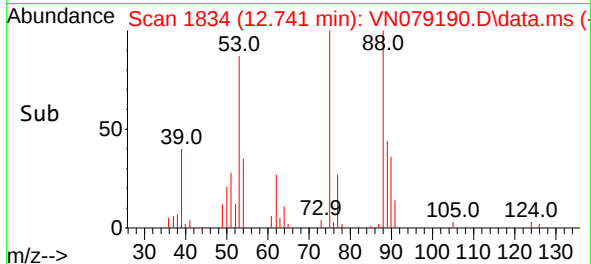
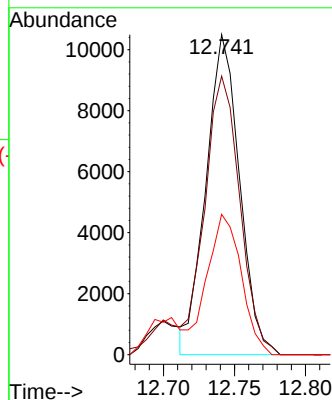
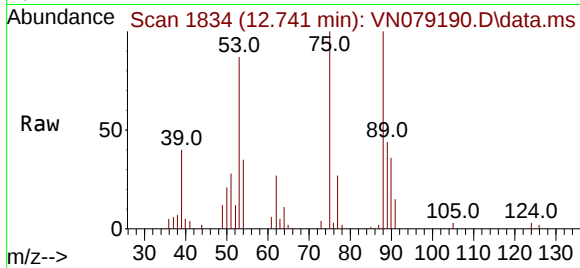
Ion	Ratio	Lower	Upper
75	100		
53	87.0	44.1	132.4
89	43.9	22.4	67.3

Manual Integrations

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Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#78

4-Chlorotoluene

Concen: 20.341 ug/l

RT: 13.229 min Scan# 1917

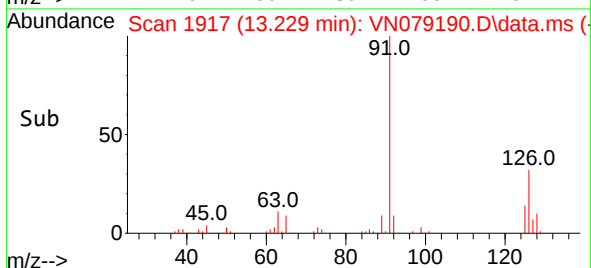
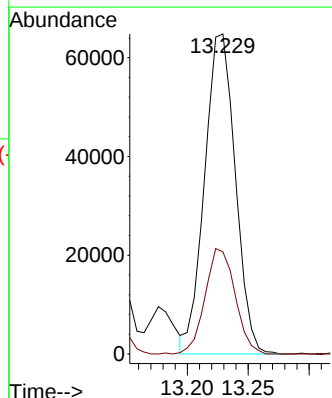
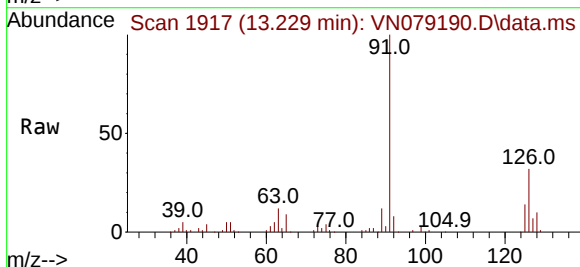
Delta R.T. 0.000 min

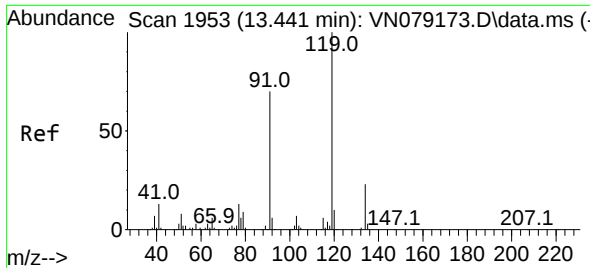
Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

Tgt Ion: 91 Resp: 113860

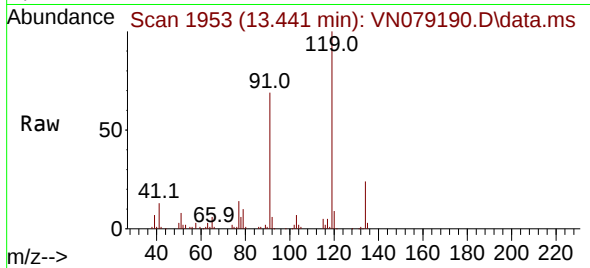
Ion	Ratio	Lower	Upper
91	100		
126	32.0	0.0	66.6





#79
tert-butylbenzene
Concen: 20.283 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

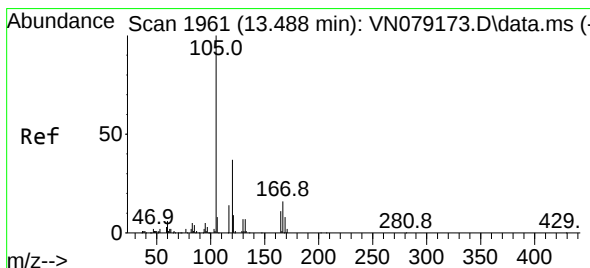
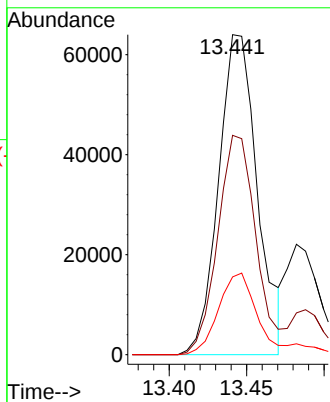
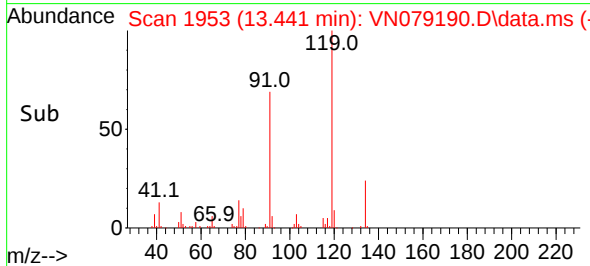
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



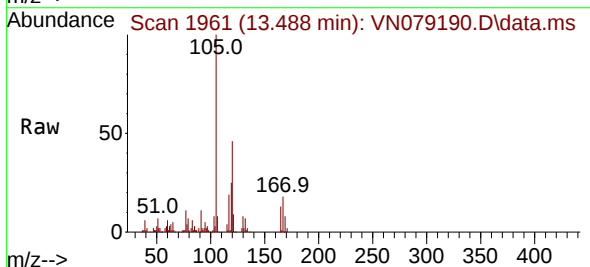
Tgt Ion:119 Resp: 111700
Ion Ratio Lower Upper
119 100
91 66.9 0.0 130.8
134 25.0 0.0 48.8

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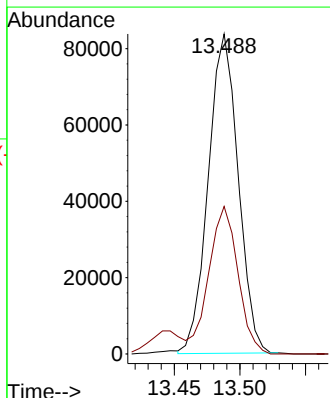
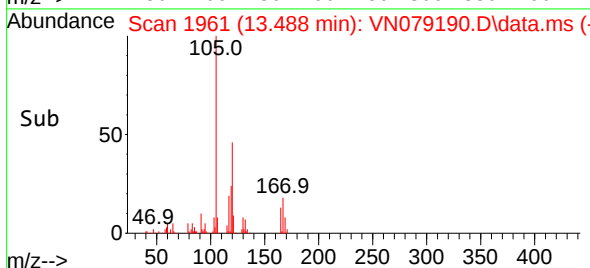
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

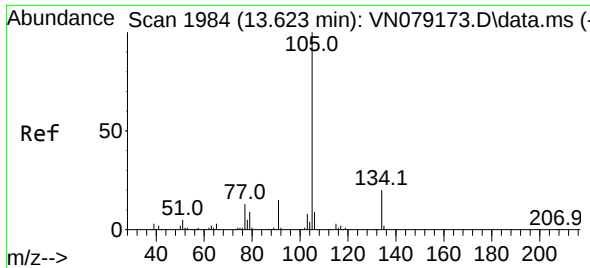


#80
1,2,4-Trimethylbenzene
Concen: 20.714 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52



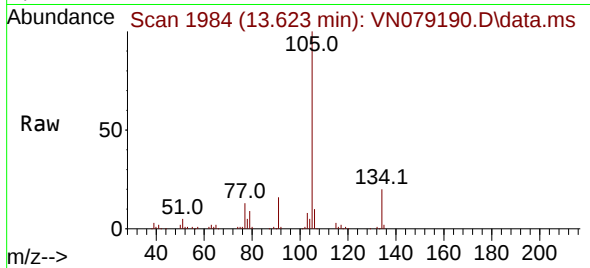
Tgt Ion:105 Resp: 132724
Ion Ratio Lower Upper
105 100
120 45.0 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 20.178 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079190.D
 Acq: 08 Sep 2023 11:52

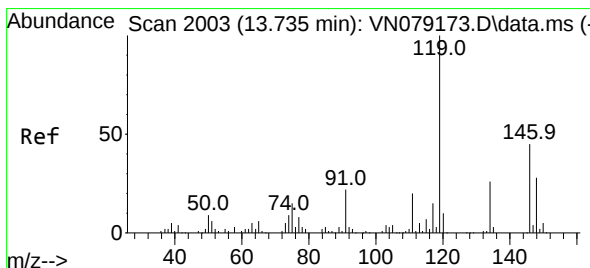
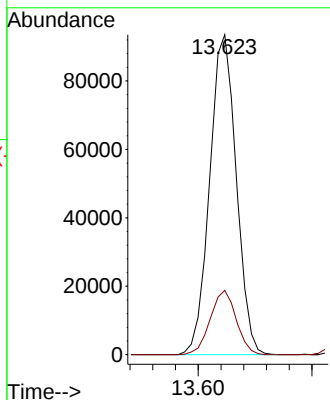
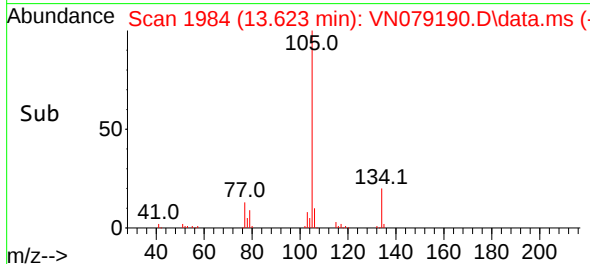
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBS01



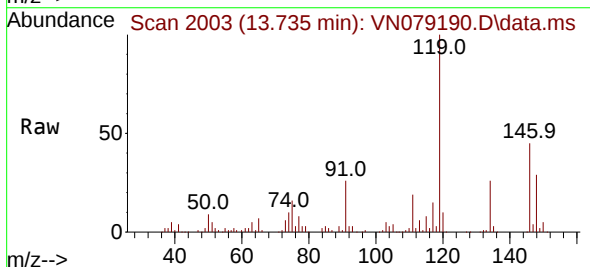
Tgt Ion:105 Resp: 15203
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.6

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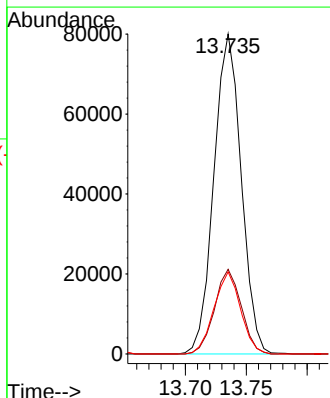
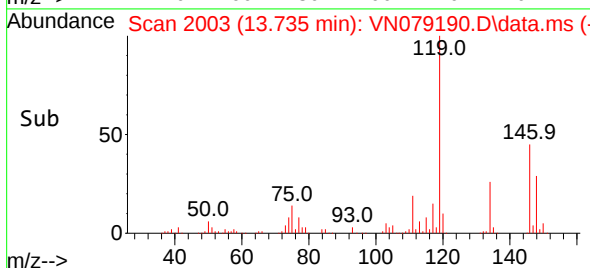
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023

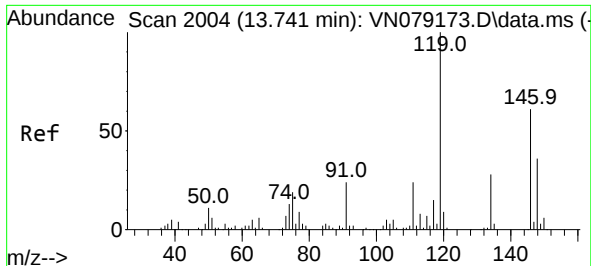


#82
 p-Isopropyltoluene
 Concen: 20.985 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079190.D
 Acq: 08 Sep 2023 11:52



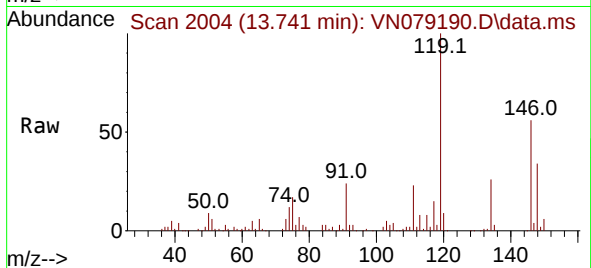
Tgt Ion:119 Resp: 124899
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 53.8
 91 24.9 0.0 48.0





#83
 1,3-Dichlorobenzene
 Concen: 20.357 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN079190.D
 Acq: 08 Sep 2023 11:52

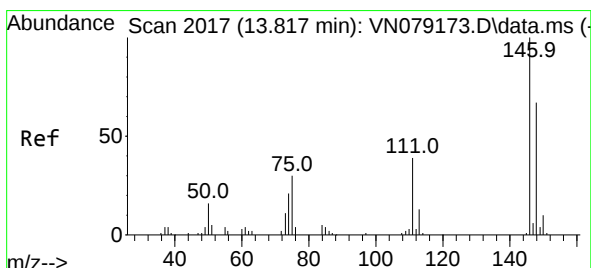
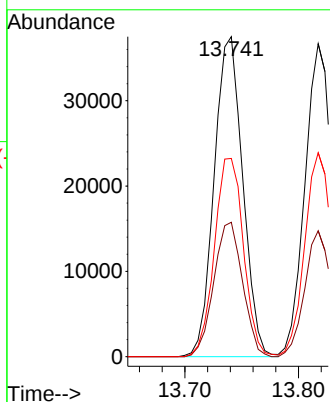
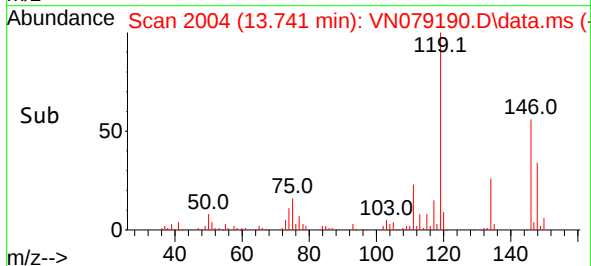
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBS01



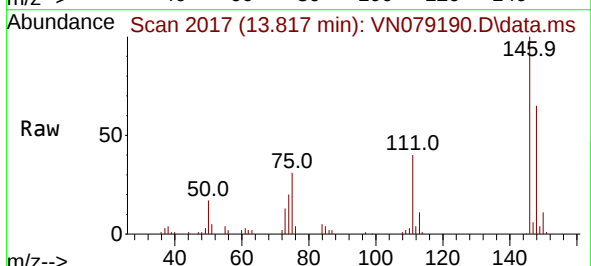
Tgt Ion:146 Resp: 65529
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.5 61.5
 148 63.1 31.8 95.3

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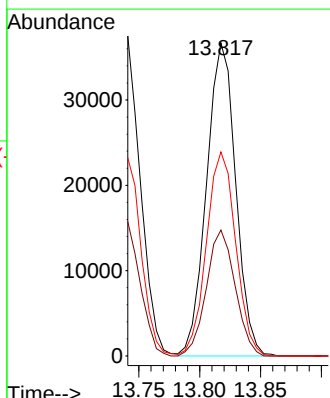
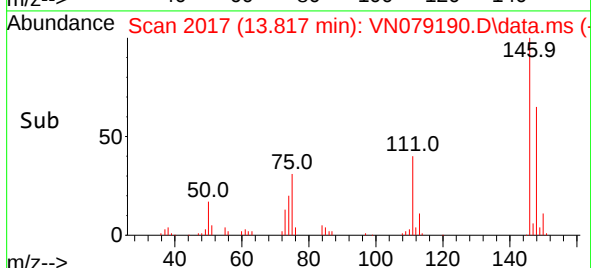
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023

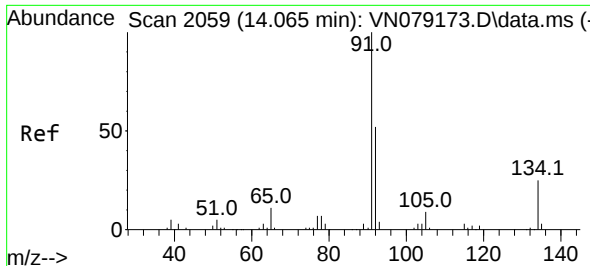


#84
 1,4-Dichlorobenzene
 Concen: 20.267 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079190.D
 Acq: 08 Sep 2023 11:52



Tgt Ion:146 Resp: 61185
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.5 58.5
 148 65.3 32.1 96.5





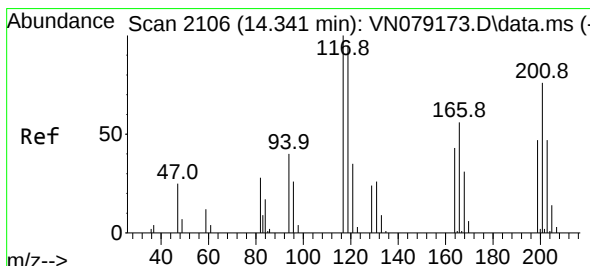
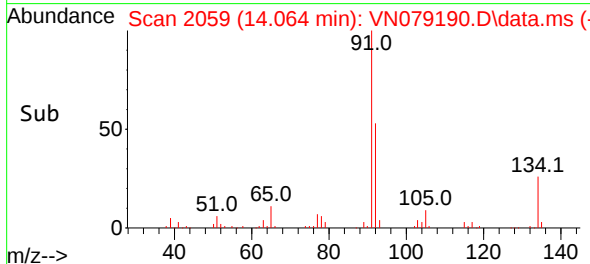
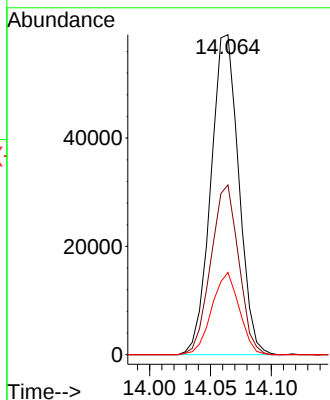
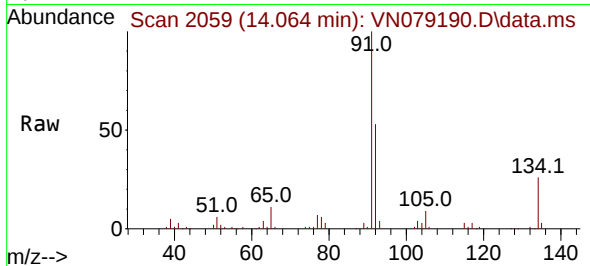
#85
n-Butylbenzene
Concen: 20.809 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. -0.001 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01

Tgt Ion: 91 Resp: 94329
Ion Ratio Lower Upper
91 100
92 53.0 0.0 105.0
134 25.3 0.0 49.6

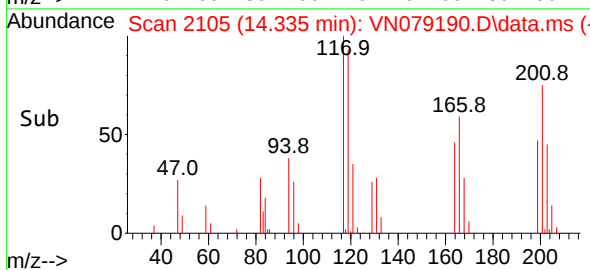
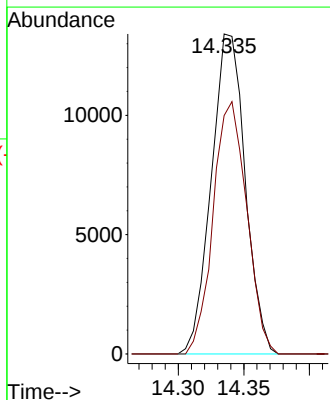
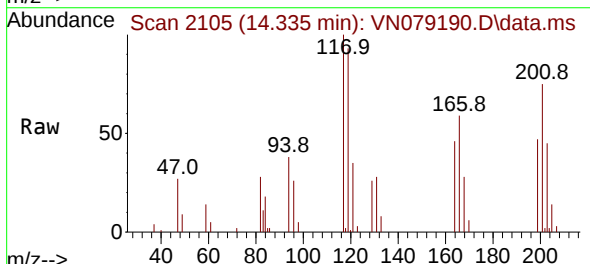
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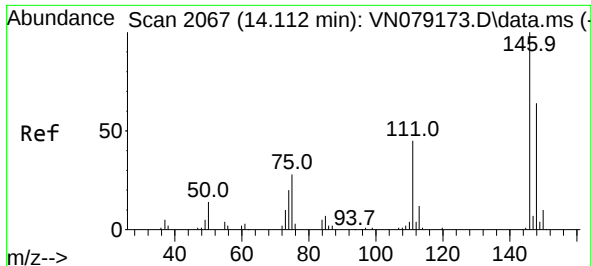
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#86
Hexachloroethane
Concen: 20.482 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

Tgt Ion:117 Resp: 24136
Ion Ratio Lower Upper
117 100
201 77.9 37.2 111.6





#87

1,2-Dichlorobenzene

Concen: 20.788 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBS01

Tgt Ion:146 Resp: 6603

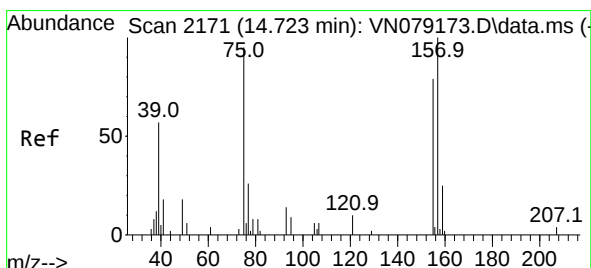
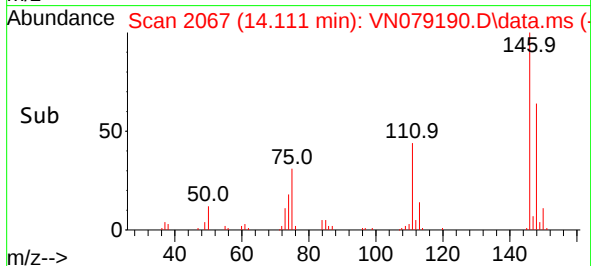
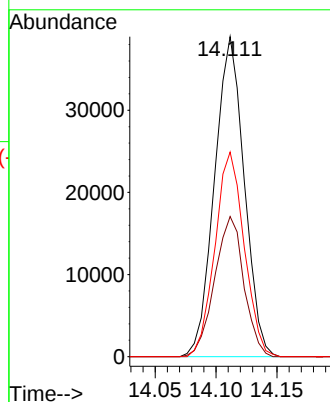
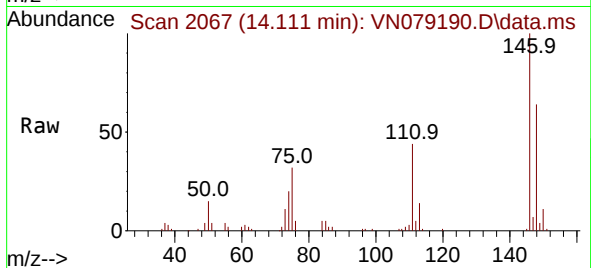
Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.5	64.5
148	63.0	31.8	95.3

Manual Integrations

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Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.516 ug/l

RT: 14.723 min Scan# 2171

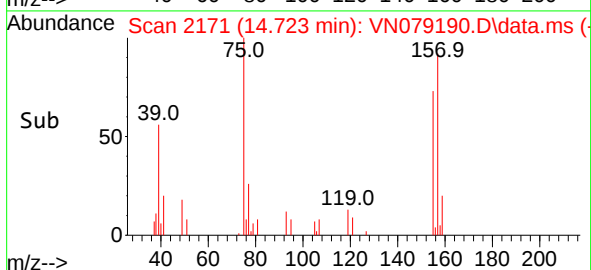
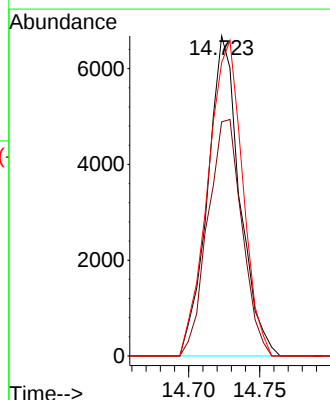
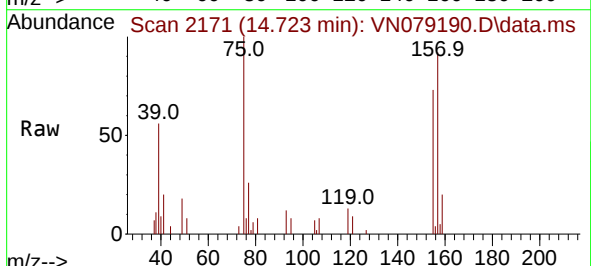
Delta R.T. 0.000 min

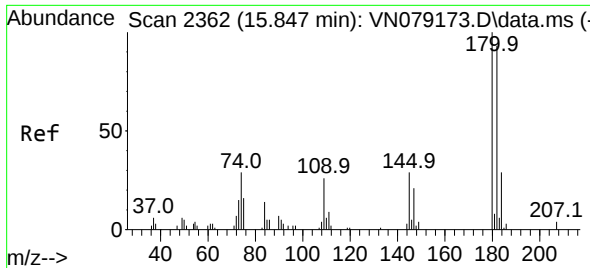
Lab File: VN079190.D

Acq: 08 Sep 2023 11:52

Tgt Ion: 75 Resp: 10526

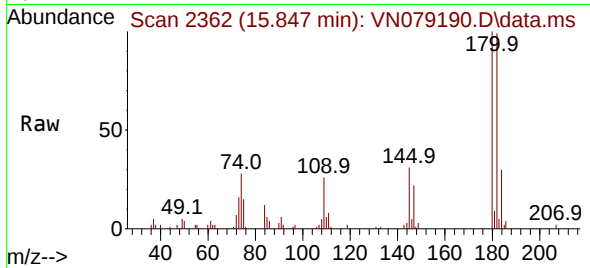
Ion	Ratio	Lower	Upper
75	100		
155	78.6	68.1	102.1
157	106.2	83.9	125.9





#89
1,2,4-Trichlorobenzene
Concen: 18.666 ug/l
RT: 15.847 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

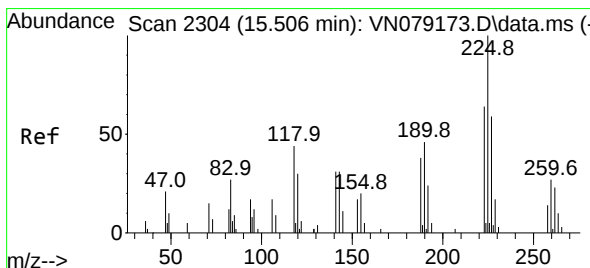
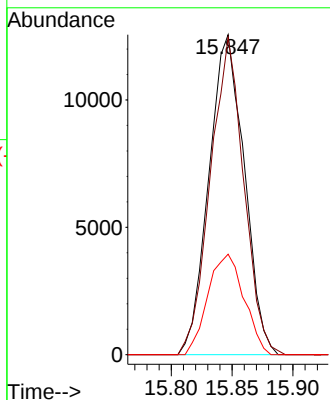
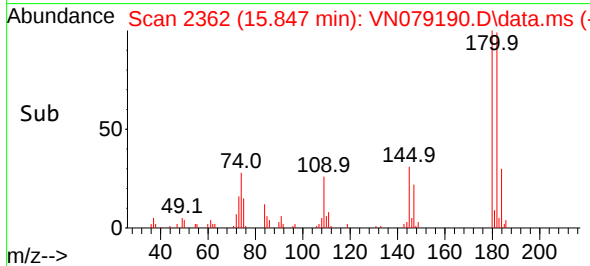
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



Tgt Ion:180 Resp: 25374
Ion Ratio Lower Upper
180 100
182 93.8 74.5 111.7
145 32.1 26.2 39.2

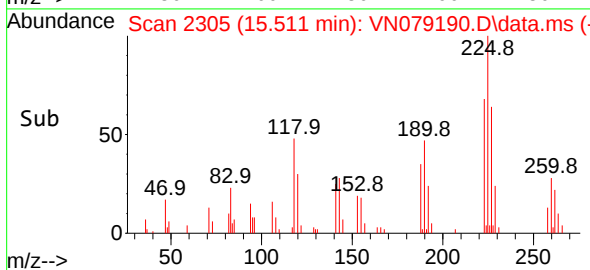
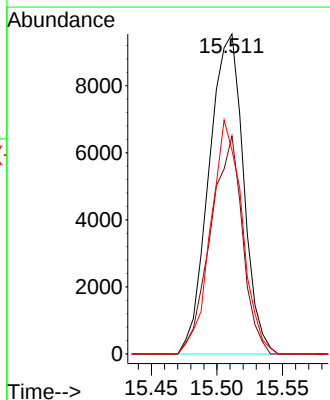
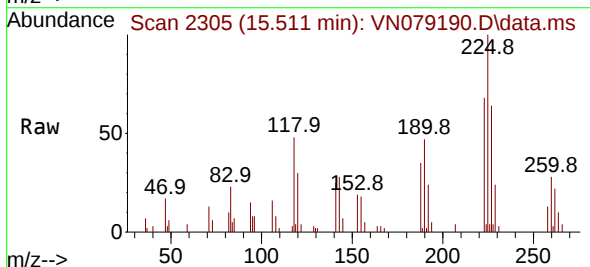
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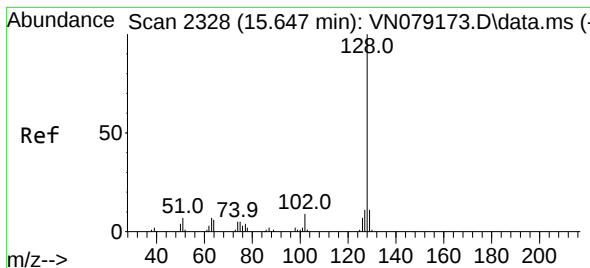
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#90
Hexachlorobutadiene
Concen: 21.142 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

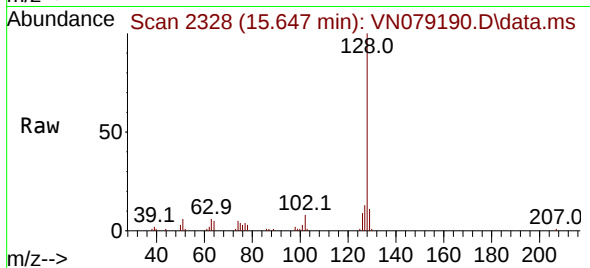
Tgt Ion:225 Resp: 17457
Ion Ratio Lower Upper
225 100
223 63.0 0.0 125.6
227 66.6 0.0 124.0





#91
Naphthalene
Concen: 16.673 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52

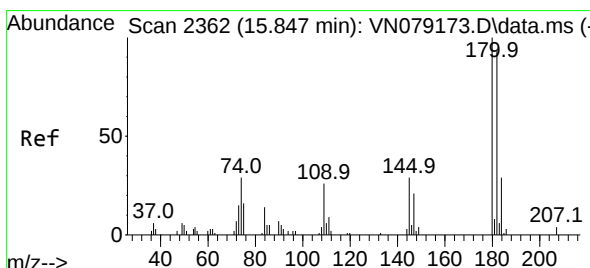
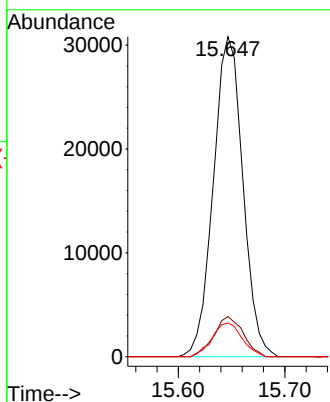
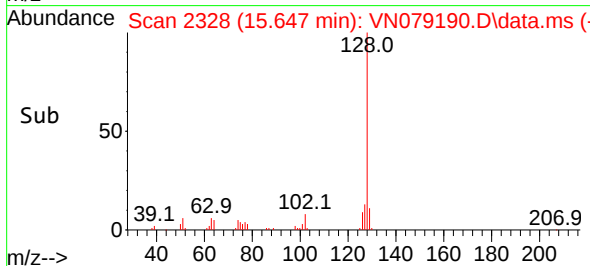
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBS01



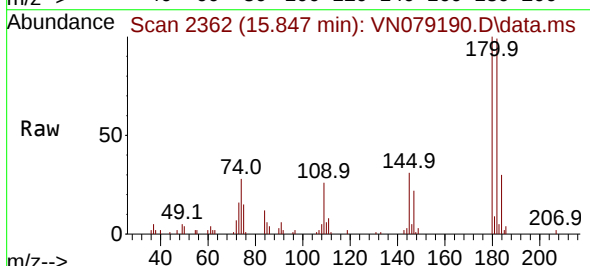
Tgt Ion:128 Resp: 59220
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.7 8.5 12.7

Manual Integrations
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Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#92
1,2,3-Trichlorobenzene
Concen: 18.666 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079190.D
Acq: 08 Sep 2023 11:52



Tgt Ion:180 Resp: 25374
Ion Ratio Lower Upper
180 100
182 93.8 0.0 186.2
145 32.1 0.0 65.4

