

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079232.D
 Acq On : 12 Sep 2023 11:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

Quant Time: Sep 13 01:30:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	170060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	259777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	117849	51.336	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.680%			
35) Dibromofluoromethane	8.171	113	101384	53.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.000%			
50) Toluene-d8	10.571	98	380113	54.630	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.260%			
62) 4-Bromofluorobenzene	12.853	95	127631	57.506	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	72400	43.027	ug/l	99
3) Chloromethane	2.365	50	95612	43.285	ug/l	98
4) Vinyl Chloride	2.512	62	103666	43.072	ug/l	99
5) Bromomethane	2.942	94	54409	39.329	ug/l	97
6) Chloroethane	3.112	64	69342	44.946	ug/l	98
7) Trichlorofluoromethane	3.495	101	152664	43.317	ug/l	99
8) Diethyl Ether	3.959	74	59562	48.690	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.371	101	85484	45.608	ug/l	95
10) Methyl Iodide	4.589	142	96221	62.758	ug/l	95
11) Tert butyl alcohol	5.524	59	84938	200.408	ug/l	100
12) 1,1-Dichloroethene	4.342	96	87724	48.366	ug/l	92
13) Acrolein	4.183	56	86128	213.038	ug/l	97
14) Allyl chloride	5.024	41	144107	49.806	ug/l #	82
15) Acrylonitrile	5.724	53	254696	231.760	ug/l	99
16) Acetone	4.430	43	200670	205.821	ug/l	99
17) Carbon Disulfide	4.712	76	245710	43.345	ug/l	99
18) Methyl Acetate	5.030	43	178407	44.523	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	296958	47.739	ug/l	94
20) Methylene Chloride	5.277	84	106996	45.096	ug/l #	91
21) trans-1,2-Dichloroethene	5.789	96	100080	47.566	ug/l	85
22) Diisopropyl ether	6.677	45	320624	50.505	ug/l #	88
23) Vinyl Acetate	6.606	43	942808	241.449	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	190236	48.610	ug/l	97
25) 2-Butanone	7.488	43	324304	229.253	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	141803	44.155	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	115331	47.938	ug/l	91
28) Bromochloromethane	7.818	49	93293	52.725	ug/l	85
29) Tetrahydrofuran	7.841	42	218264	242.454	ug/l #	80
30) Chloroform	7.971	83	194361	47.701	ug/l	94
31) Cyclohexane	8.259	56	149756	44.677	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	164763	47.437	ug/l	97
36) 1,1-Dichloropropene	8.377	75	143410	49.099	ug/l	97
37) Ethyl Acetate	7.565	43	134423	46.141	ug/l #	94
38) Carbon Tetrachloride	8.365	117	144254	47.725	ug/l	98
39) Methylcyclohexane	9.606	83	142897	49.598	ug/l	91
40) Benzene	8.612	78	439949	49.204	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	74809	50.929	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	139779	45.410	ug/l	98
43) Isopropyl Acetate	8.694	43	214615	45.148	ug/l #	95
44) Trichloroethene	9.353	130	107853	48.965	ug/l	98
45) 1,2-Dichloropropane	9.624	63	113664	51.222	ug/l	98
46) Dibromomethane	9.712	93	74321	49.337	ug/l	90
47) Bromodichloromethane	9.888	83	151398	49.069	ug/l	97
48) Methyl methacrylate	9.682	41	103823	48.761	ug/l #	81
49) 1,4-Dioxane	9.700	88	44851	1024.126	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	663746	240.537	ug/l	95
52) Toluene	10.635	92	269920	49.121	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	159152	48.919	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	175046	50.305	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	106164	49.238	ug/l	98
56) Ethyl methacrylate	10.876	69	162585	53.418	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	182881	49.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	310542	243.386	ug/l	92
59) 2-Hexanone	11.200	43	476938	238.633	ug/l	94
60) Dibromochloromethane	11.365	129	113609	49.509	ug/l	100
61) 1,2-Dibromoethane	11.471	107	105965	49.246	ug/l	97
64) Tetrachloroethene	11.106	164	90538	47.797	ug/l	95
65) Chlorobenzene	11.894	112	275442	46.804	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	105768	47.929	ug/l	98
67) Ethyl Benzene	11.965	91	502639	49.934	ug/l	96
68) m/p-Xylenes	12.076	106	382260	101.882	ug/l	97
69) o-Xylene	12.400	106	184897	51.383	ug/l	95
70) Styrene	12.418	104	312792	54.047	ug/l	100
71) Bromoform	12.582	173	79596	48.858	ug/l #	99
73) Isopropylbenzene	12.700	105	458487	44.441	ug/l	100
74) N-amyl acetate	12.500	43	173943	44.441	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	151719	39.493	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	135229m	44.249	ug/l	
77) Bromobenzene	12.982	156	114402	43.794	ug/l	98
78) n-propylbenzene	13.041	91	542084	46.775	ug/l	99
79) 2-Chlorotoluene	13.129	91	332568	43.875	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	384608	44.741	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	51649	46.463	ug/l	96
82) 4-Chlorotoluene	13.223	91	325493	45.700	ug/l	100
83) tert-Butylbenzene	13.441	119	313523	44.087	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	383455	46.838	ug/l	99
85) sec-Butylbenzene	13.617	105	446799	45.637	ug/l	99
86) p-Isopropyltoluene	13.735	119	366939	46.913	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	194401	45.372	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	191048	44.127	ug/l	98
89) n-Butylbenzene	14.059	91	296961	48.281	ug/l	100
90) Hexachloroethane	14.335	117	66365	41.782	ug/l	76
91) 1,2-Dichlorobenzene	14.112	146	189866	44.888	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25706	44.017	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	74959	49.315	ug/l	96
94) Hexachlorobutadiene	15.506	225	47055	39.354	ug/l	98
95) Naphthalene	15.647	128	199501	44.192	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	79505	44.343	ug/l	99

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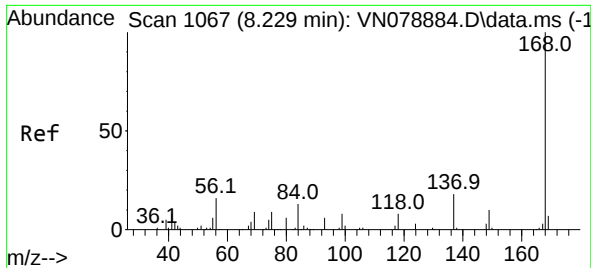
Manual Integrations
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Response via : Initial Calibration

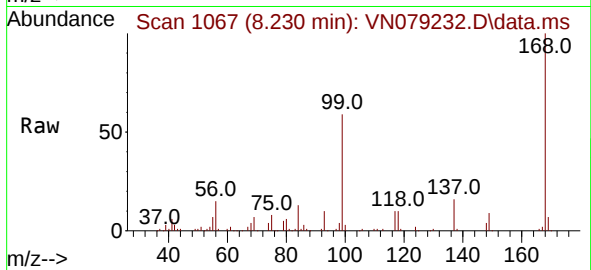
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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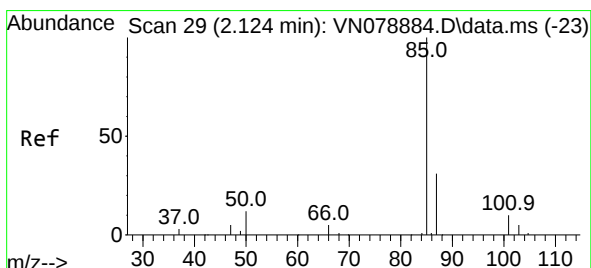
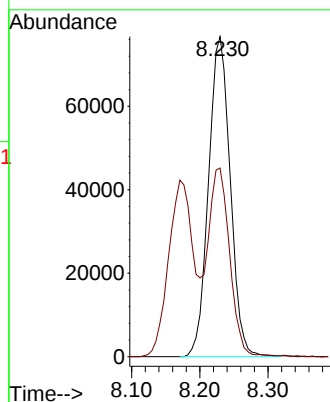
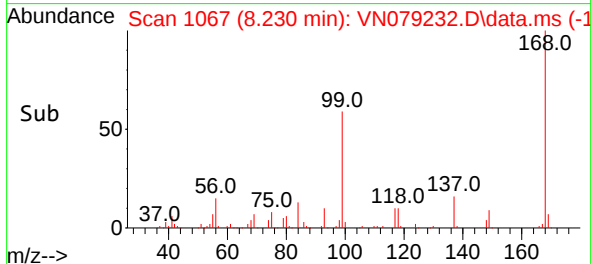
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MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 170060
Ion Ratio Lower Upper
168 100
99 58.7 53.0 79.6

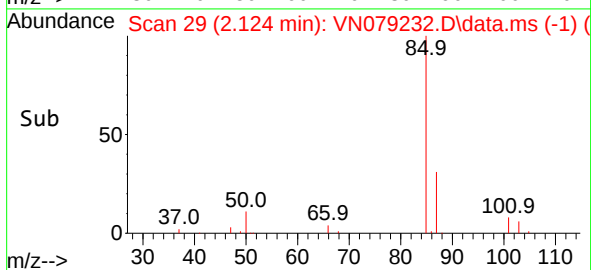
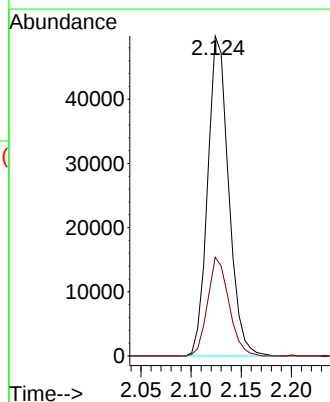
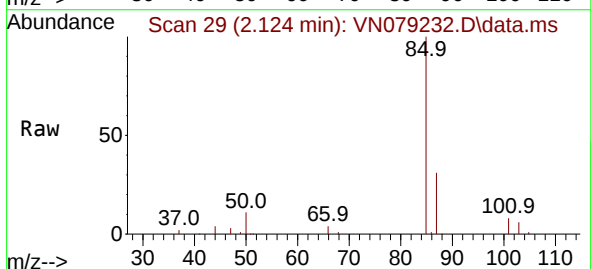
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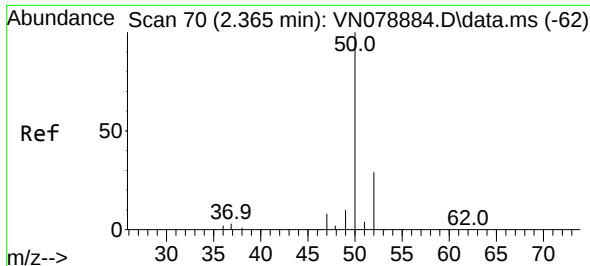
Reviewed By :John Carlone 09/13/2023
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#2
Dichlorodifluoromethane
Concen: 43.027 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Tgt Ion: 85 Resp: 72400
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4





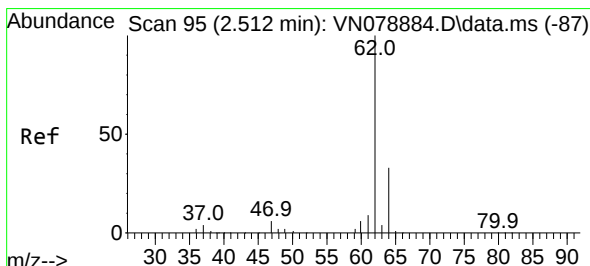
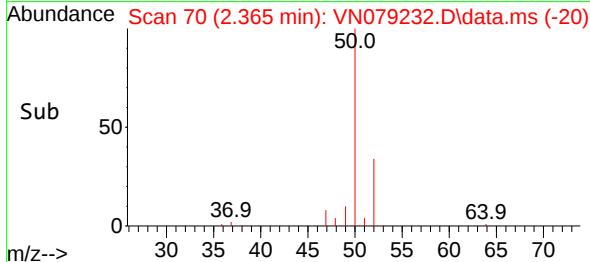
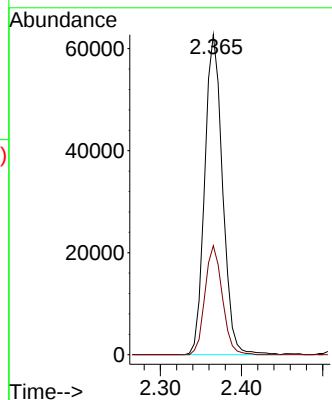
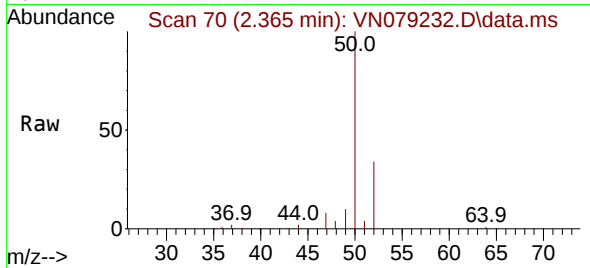
#3
Chloromethane
Concen: 43.285 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :
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Tgt Ion: 50 Resp: 95612
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

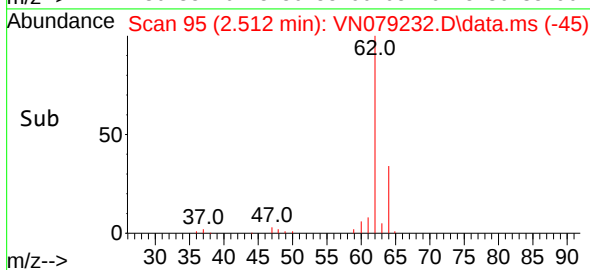
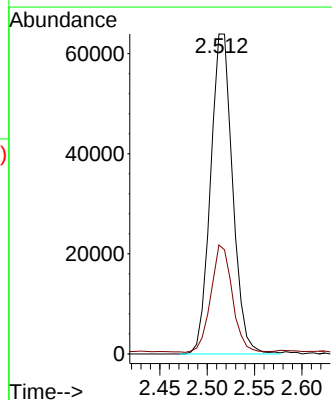
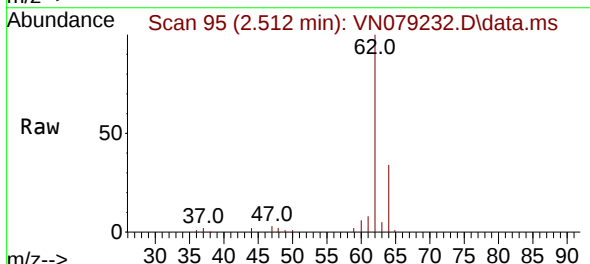
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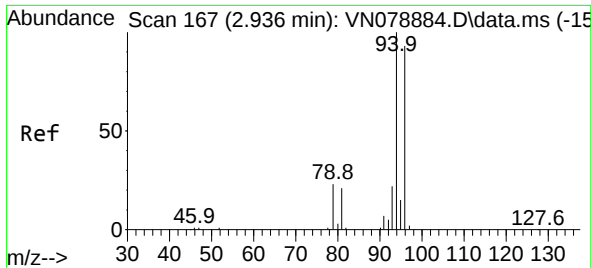
Reviewed By :John Carlone 09/13/2023
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#4
Vinyl Chloride
Concen: 43.072 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Tgt Ion: 62 Resp: 103666
Ion Ratio Lower Upper
62 100
64 33.4 26.2 39.2





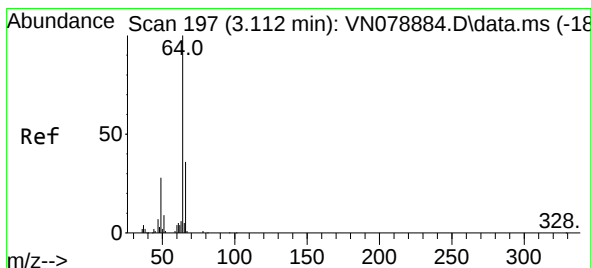
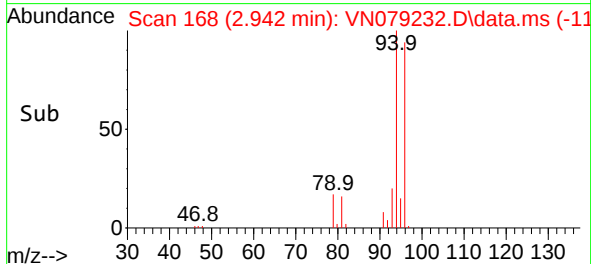
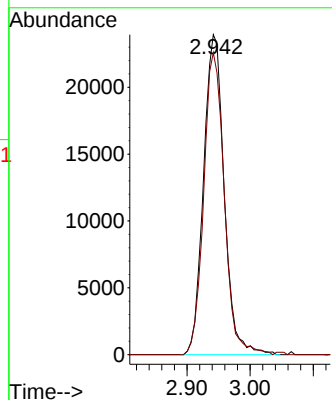
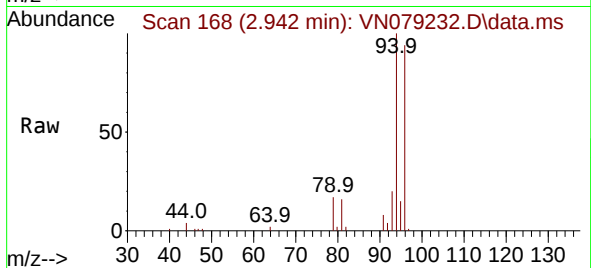
#5
Bromomethane
Concen: 39.329 ug/l
RT: 2.942 min Scan# 167
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 54409
Ion Ratio Lower Upper
94 100
96 94.4 73.1 109.7

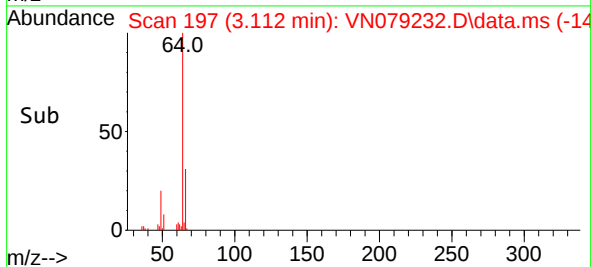
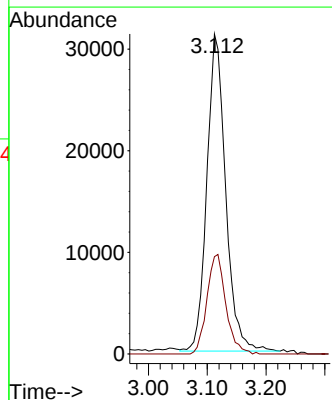
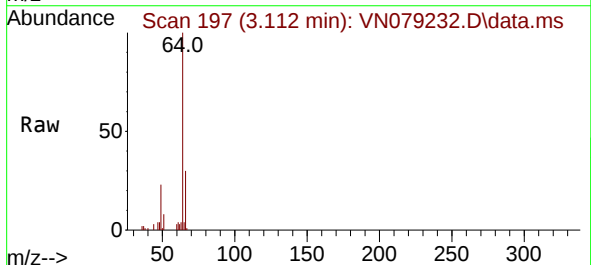
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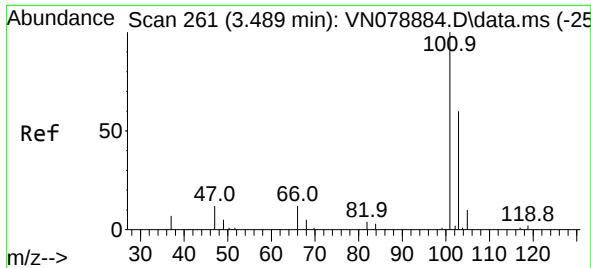
Reviewed By :John Carlone 09/13/2023
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#6
Chloroethane
Concen: 44.946 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079232.D
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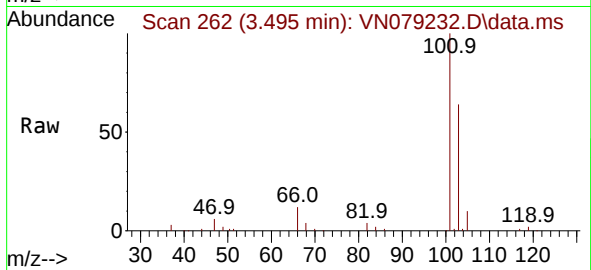
Tgt Ion: 64 Resp: 69342
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 43.317 ug/l
RT: 3.495 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN079232.D
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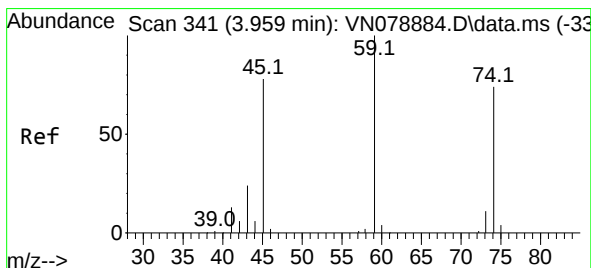
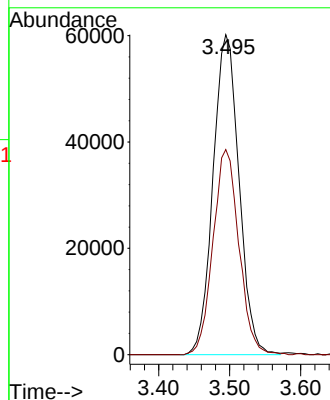
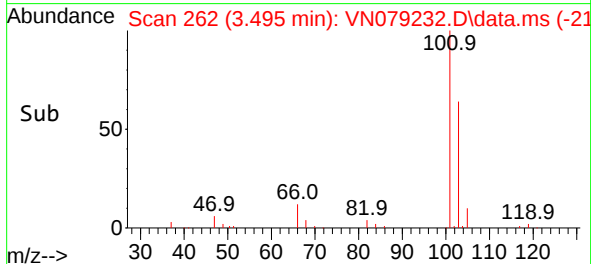
Instrument :
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VSTDCCC050



Tgt Ion:101 Resp: 152664
Ion Ratio Lower Upper
101 100
103 64.1 50.7 76.1

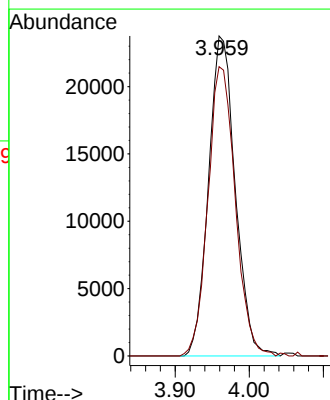
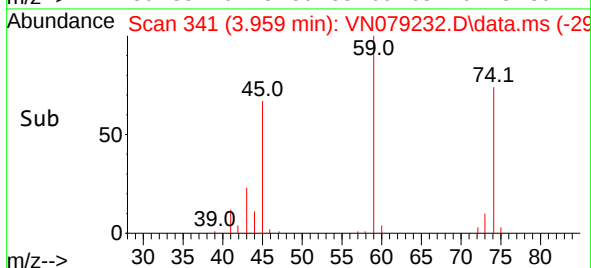
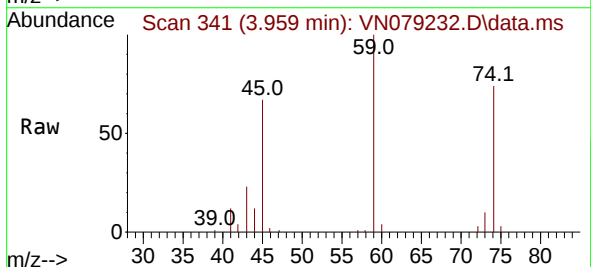
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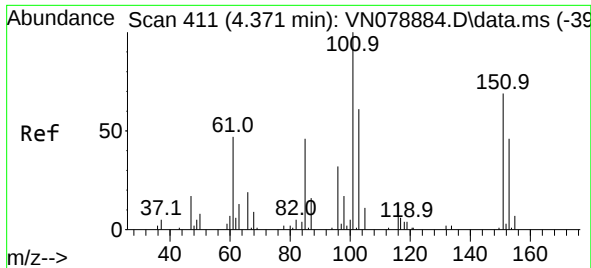
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#8
Diethyl Ether
Concen: 48.690 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Tgt Ion: 74 Resp: 59562
Ion Ratio Lower Upper
74 100
45 92.3 34.4 103.3





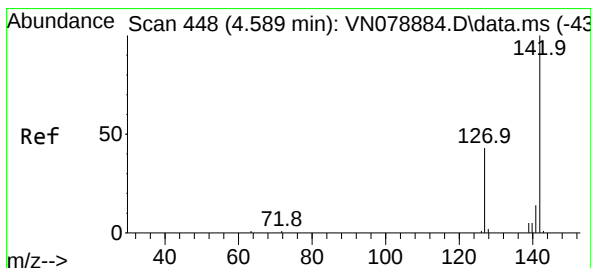
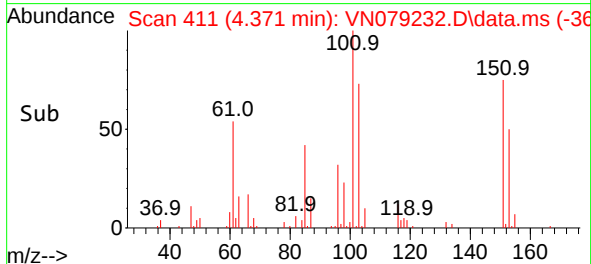
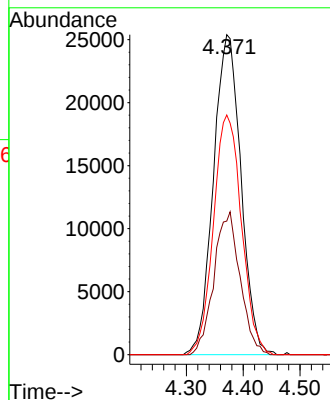
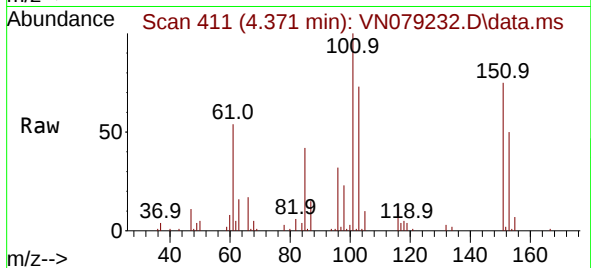
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.608 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 85484
Ion Ratio Lower Upper
101 100
85 42.5 36.6 55.0
151 76.3 57.6 86.4

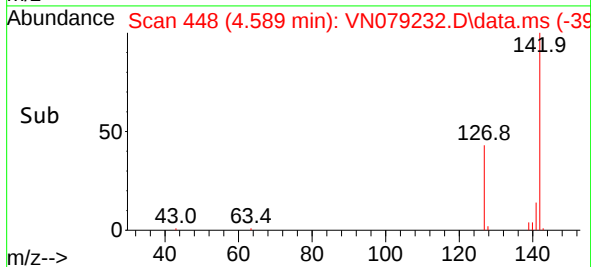
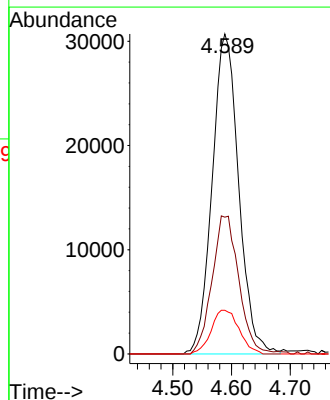
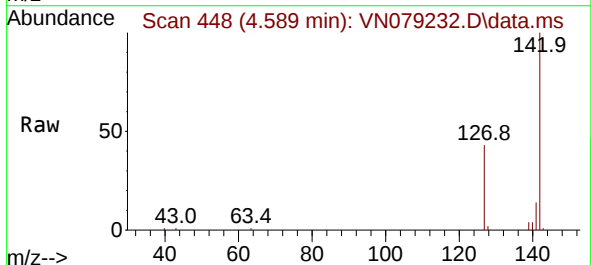
Manual Integrations
APPROVED

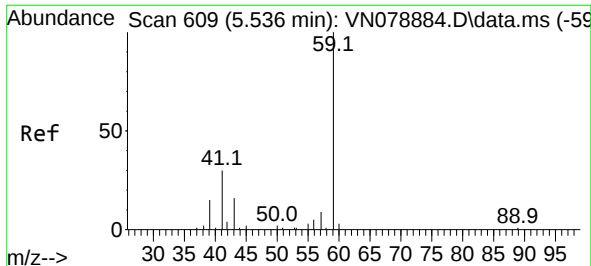
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#10
Methyl Iodide
Concen: 62.758 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Tgt Ion:142 Resp: 96221
Ion Ratio Lower Upper
142 100
127 42.8 37.6 56.4
141 13.7 11.4 17.0





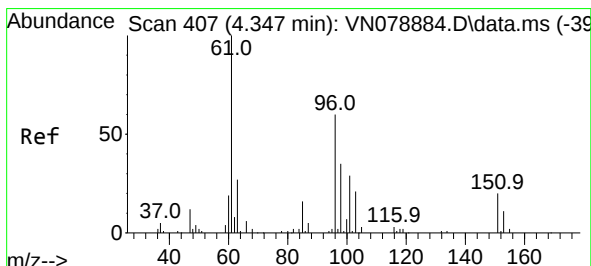
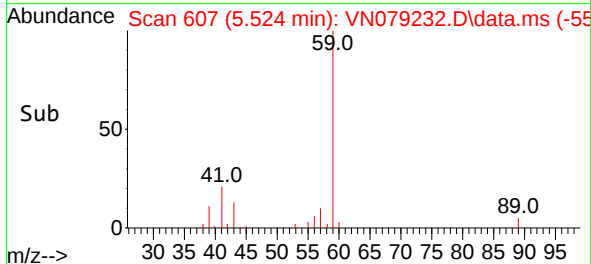
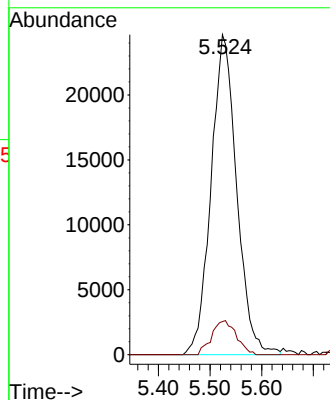
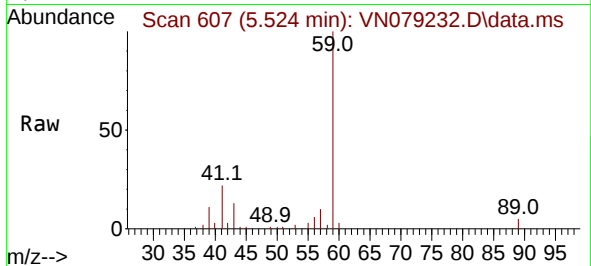
#11
Tert butyl alcohol
Concen: 200.408 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 84938
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

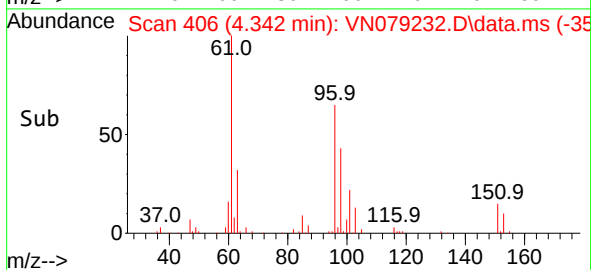
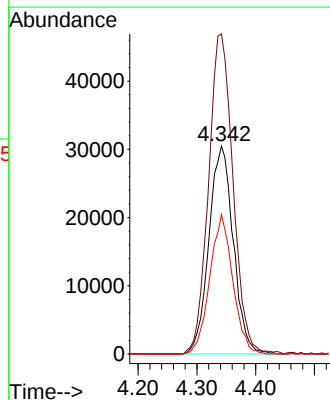
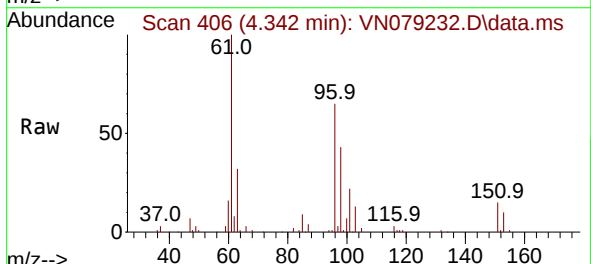
Manual Integrations
APPROVED

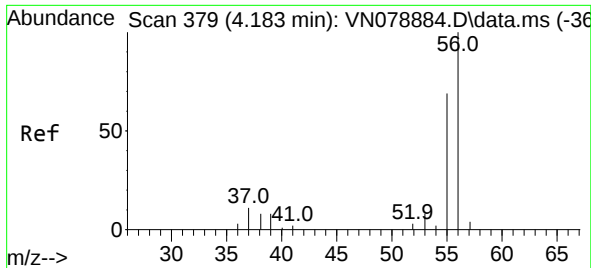
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#12
1,1-Dichloroethene
Concen: 48.366 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

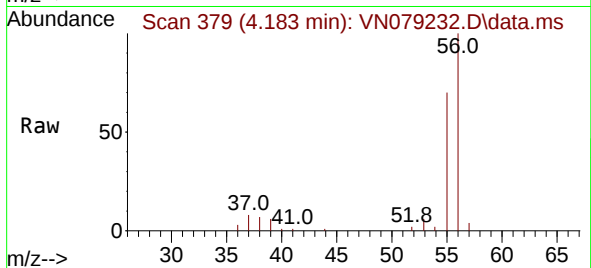
Tgt Ion: 96 Resp: 87724
Ion Ratio Lower Upper
96 100
61 153.9 112.7 169.1
98 66.9 51.2 76.8





#13
Acrolein
Concen: 213.038 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.012 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

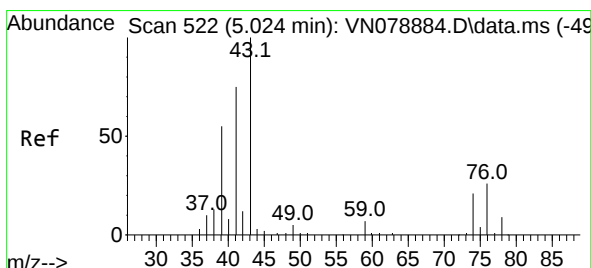
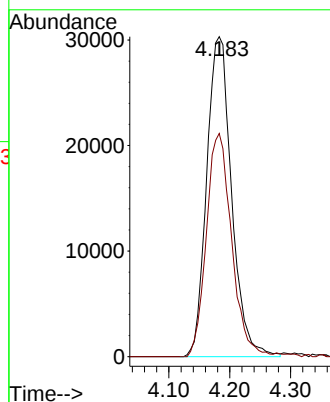
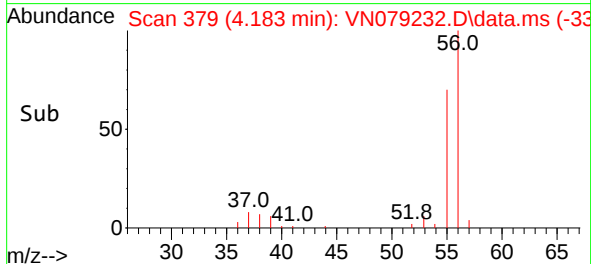
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



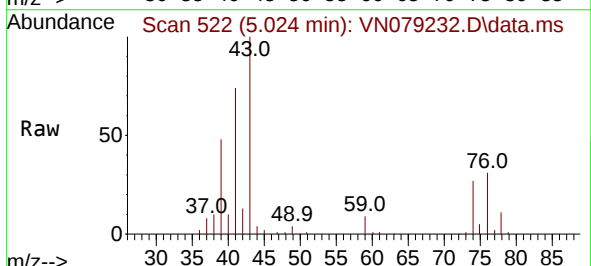
Tgt Ion: 56 Resp: 86128
Ion Ratio Lower Upper
56 100
55 70.5 54.5 81.7

Manual Integrations
APPROVED

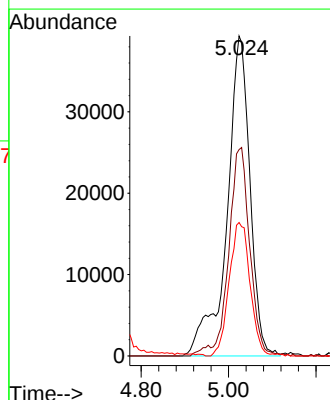
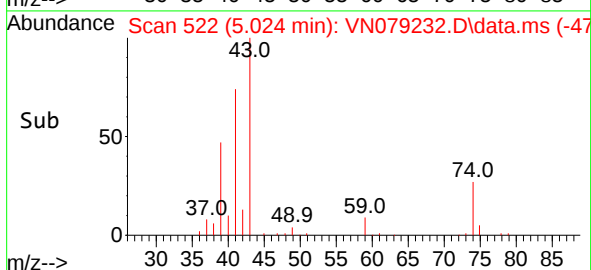
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

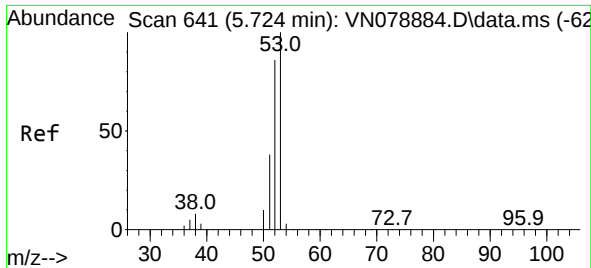


#14
Allyl chloride
Concen: 49.806 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10



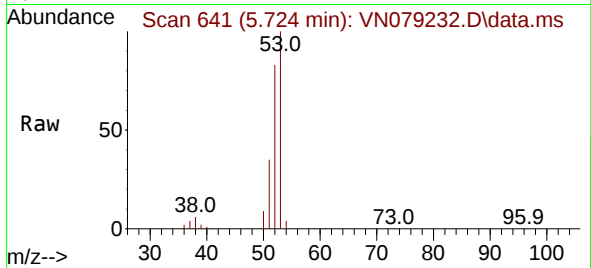
Tgt Ion: 41 Resp: 144107
Ion Ratio Lower Upper
41 100
39 58.0 58.8 88.2#
76 37.9 39.1 58.7#





#15
Acrylonitrile
Concen: 231.760 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

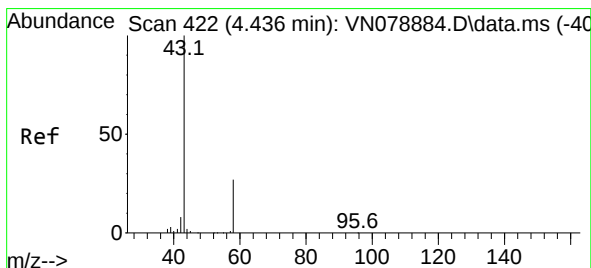
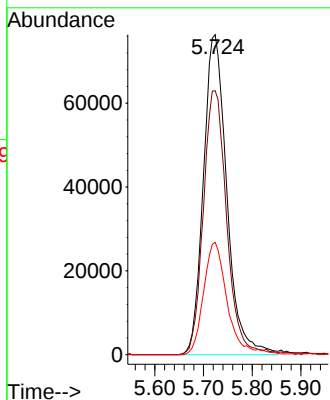
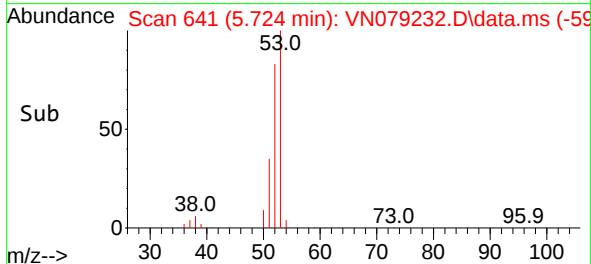
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



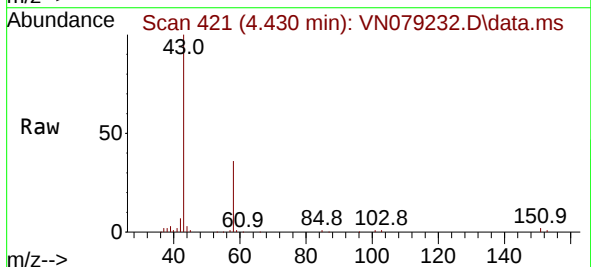
Tgt Ion: 53 Resp: 254690
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 35.4 28.9 43.3

Manual Integrations
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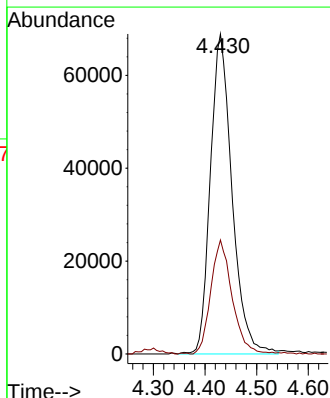
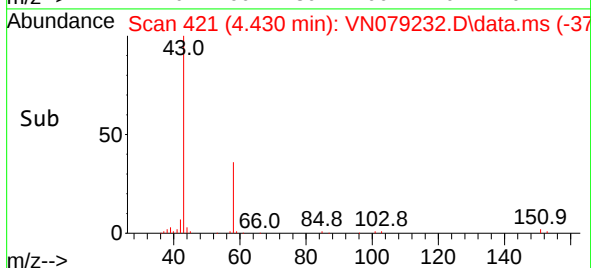
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

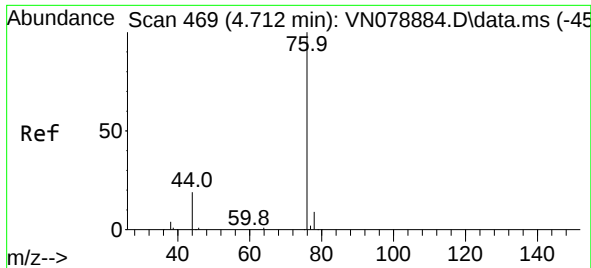


#16
Acetone
Concen: 205.821 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10



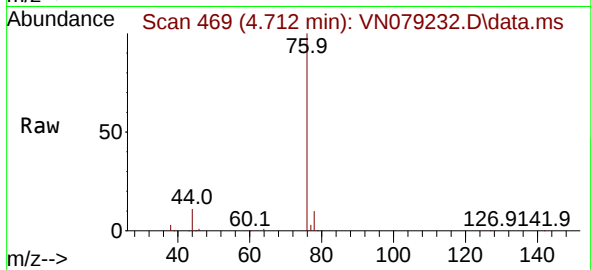
Tgt Ion: 43 Resp: 200670
Ion Ratio Lower Upper
43 100
58 35.6 28.0 42.0





#17
Carbon Disulfide
Concen: 43.345 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

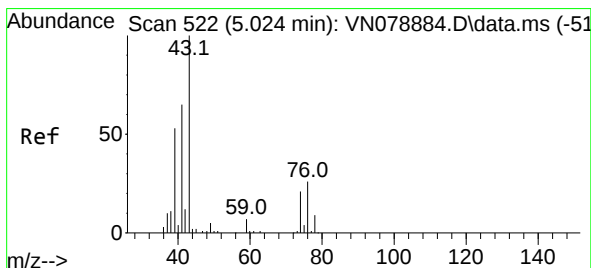
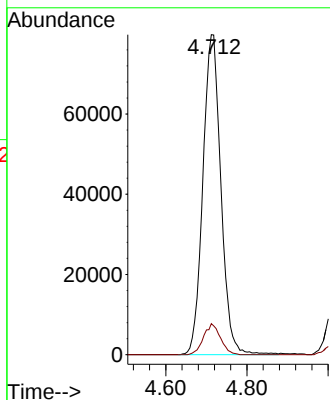
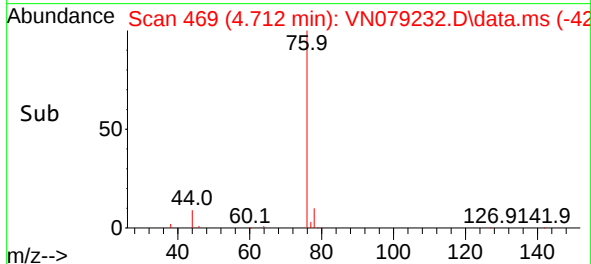
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



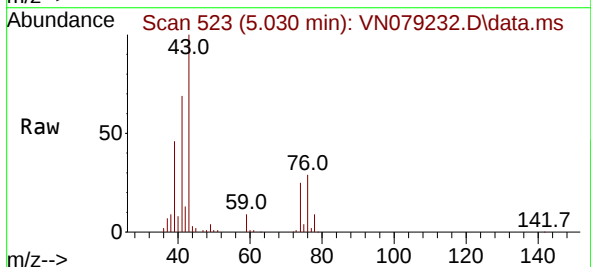
Tgt Ion: 76 Resp: 245710
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

Manual Integrations
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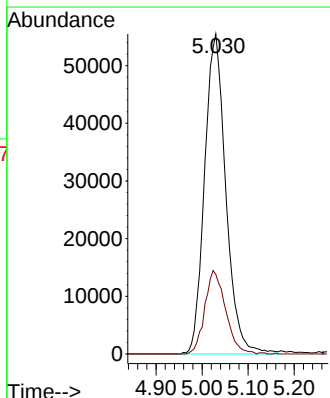
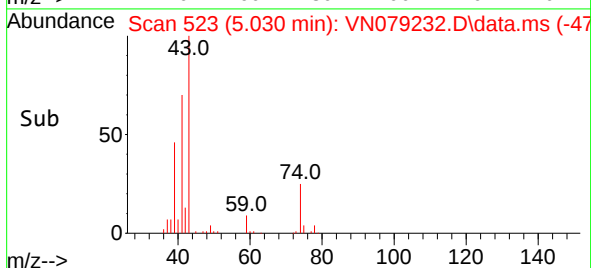
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

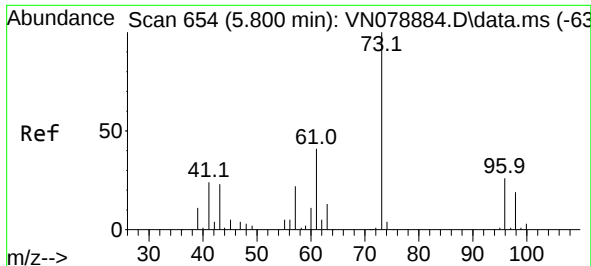


#18
Methyl Acetate
Concen: 44.523 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10



Tgt Ion: 43 Resp: 178407
Ion Ratio Lower Upper
43 100
74 25.4 26.2 39.4#





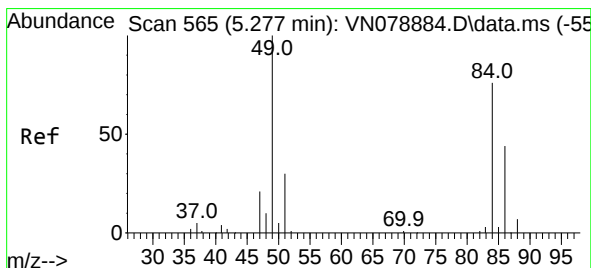
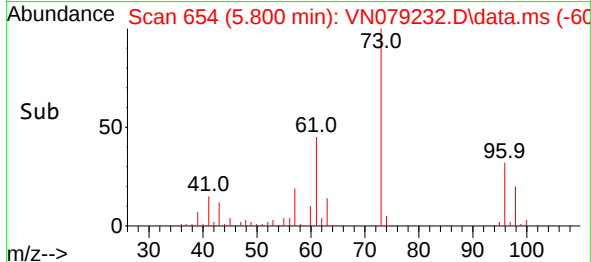
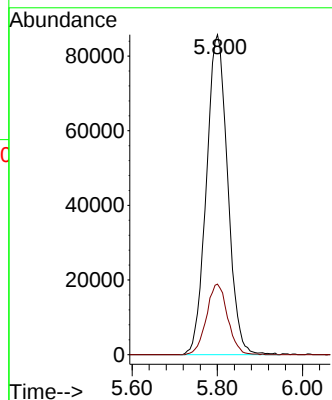
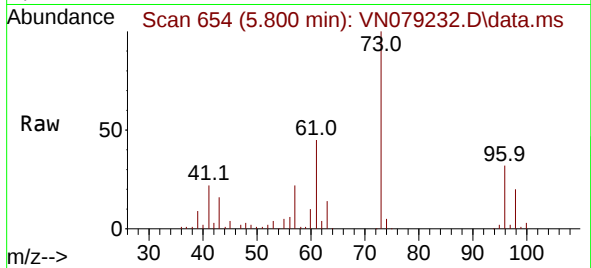
#19
Methyl tert-butyl Ether
Concen: 47.739 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 296958
Ion Ratio Lower Upper
73 100
57 22.0 15.6 23.4

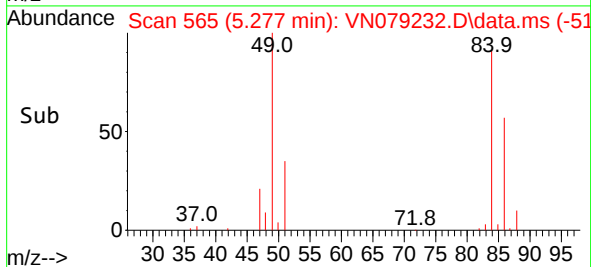
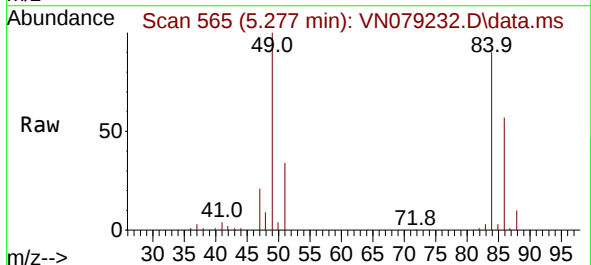
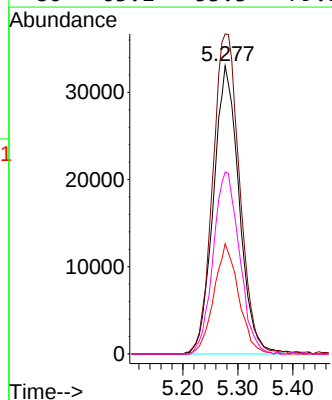
Manual Integrations
APPROVED

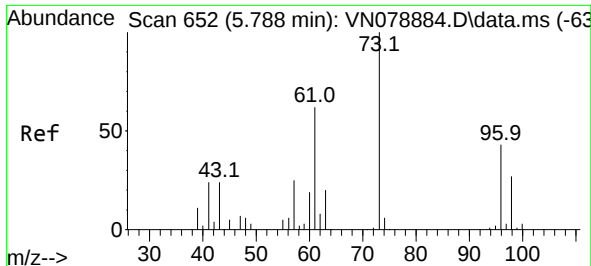
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#20
Methylene Chloride
Concen: 45.096 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

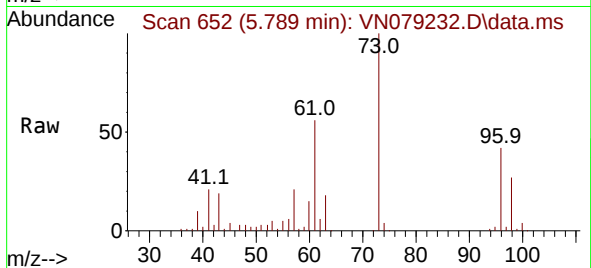
Tgt Ion: 84 Resp: 106996
Ion Ratio Lower Upper
84 100
49 111.0 79.7 119.5
51 38.2 25.2 37.8#
86 63.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.566 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

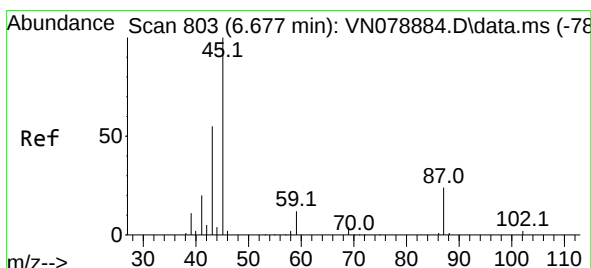
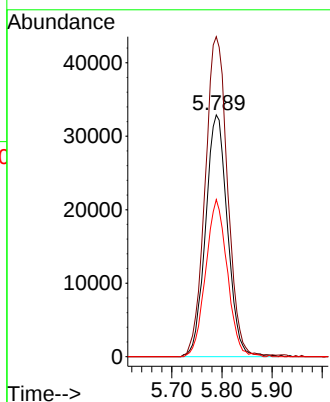
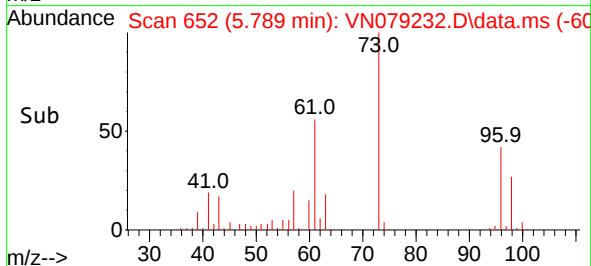
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 100080
Ion Ratio Lower Upper
96 100
61 132.3 90.1 135.1
98 65.0 46.4 69.6

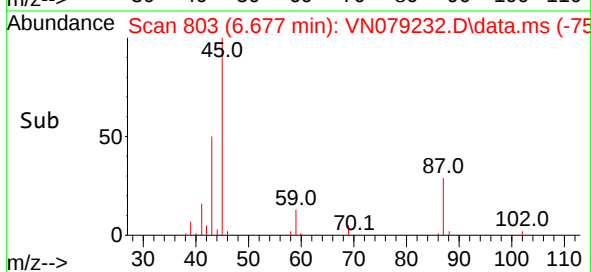
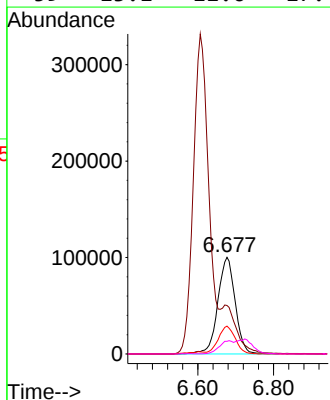
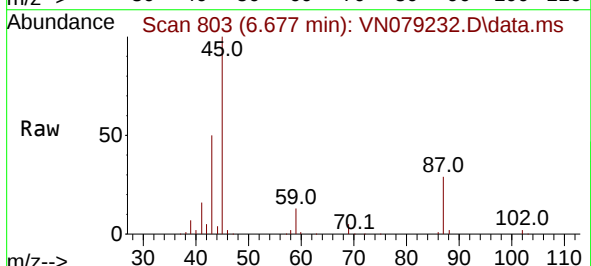
Manual Integrations
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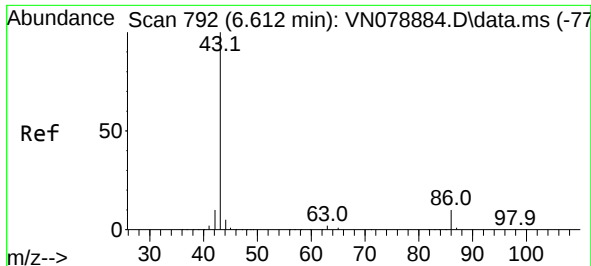
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#22
Diisopropyl ether
Concen: 50.505 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Tgt Ion: 45 Resp: 320624
Ion Ratio Lower Upper
45 100
43 49.5 45.5 68.3
87 28.9 31.8 47.8#
59 13.1 11.6 17.4





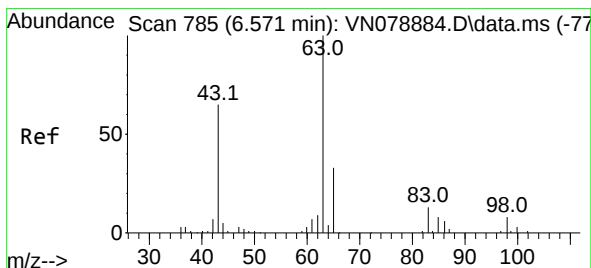
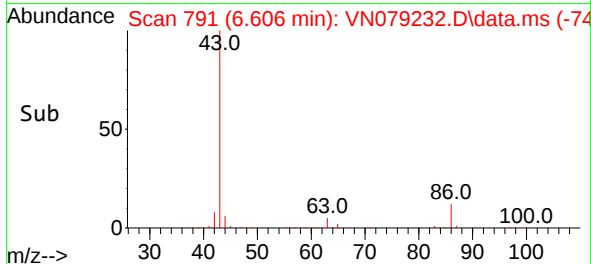
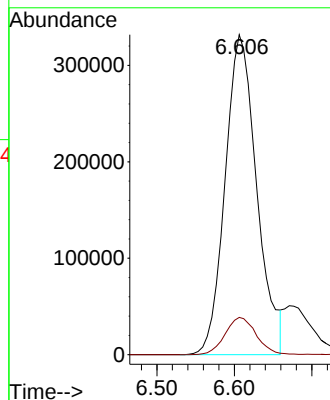
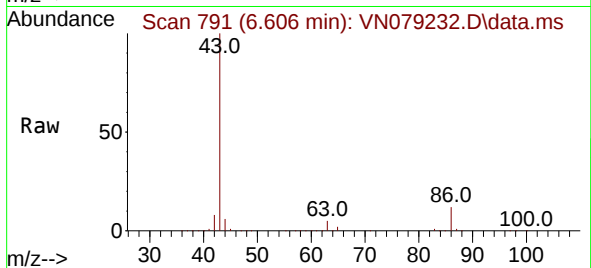
#23
 Vinyl Acetate
 Concen: 241.449 ug/l
 RT: 6.606 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: VN079232.D
 Acq: 12 Sep 2023 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 942808
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

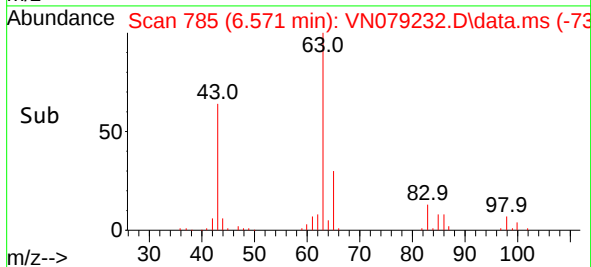
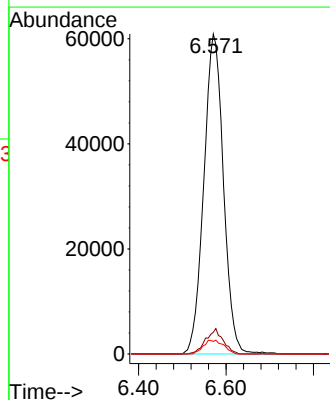
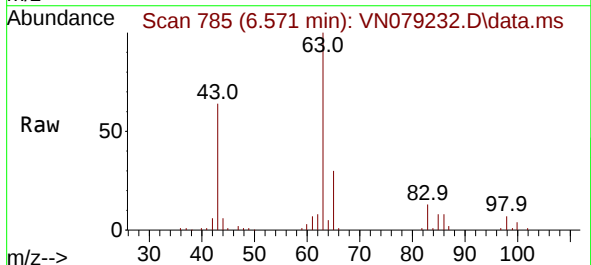
Manual Integrations
 APPROVED

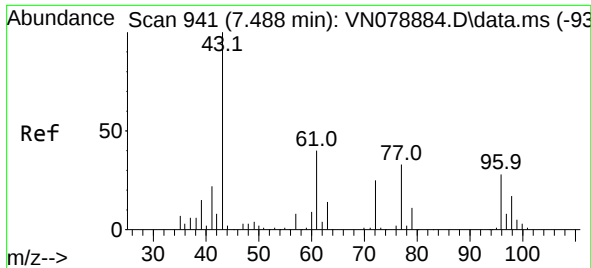
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#24
 1,1-Dichloroethane
 Concen: 48.610 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079232.D
 Acq: 12 Sep 2023 11:10

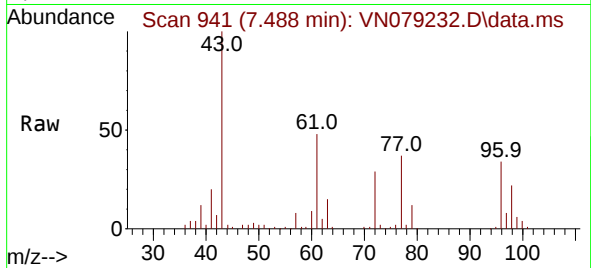
Tgt Ion: 63 Resp: 190236
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 229.253 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

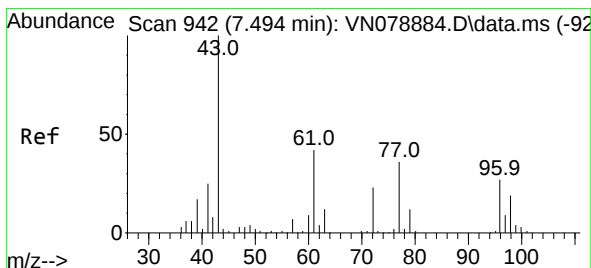
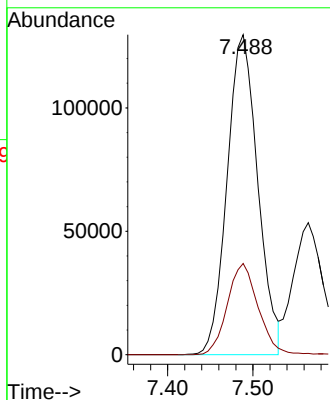
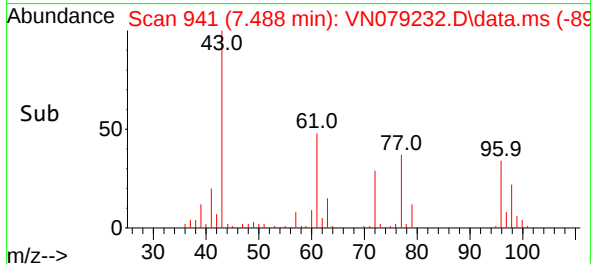
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 324304
Ion Ratio Lower Upper
43 100
72 28.5 30.2 45.2

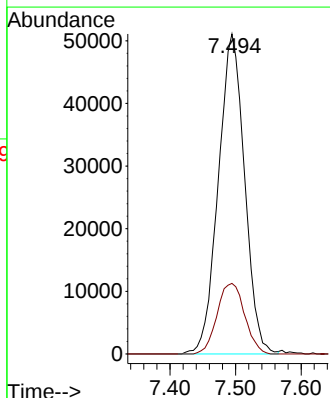
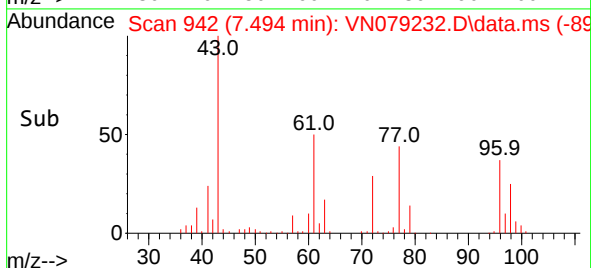
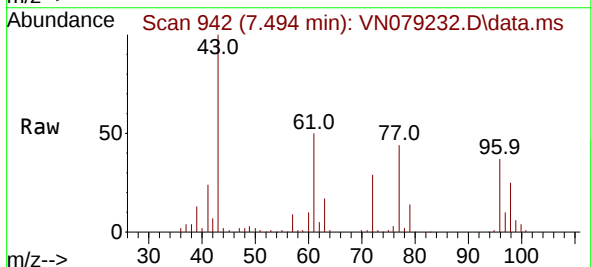
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#26
2,2-Dichloropropane
Concen: 44.155 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Tgt Ion: 77 Resp: 141803
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 47.938 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.012 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 11533

Ion Ratio Lower Upper

96 100

61 142.2 0.0 255.2

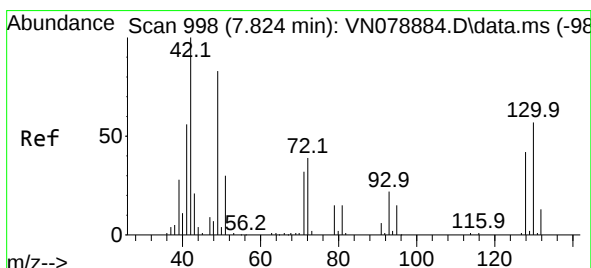
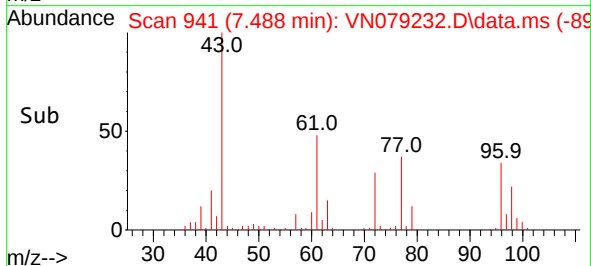
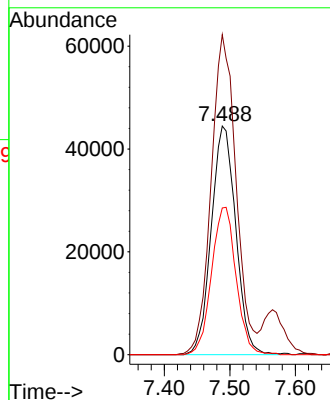
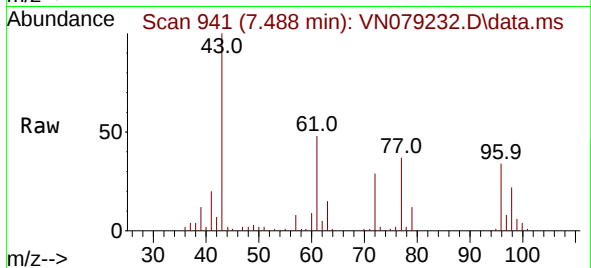
98 64.6 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#28

Bromochloromethane

Concen: 52.725 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.006 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

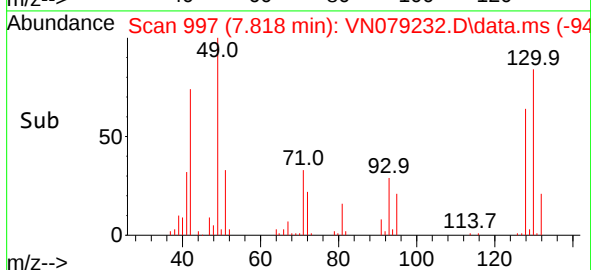
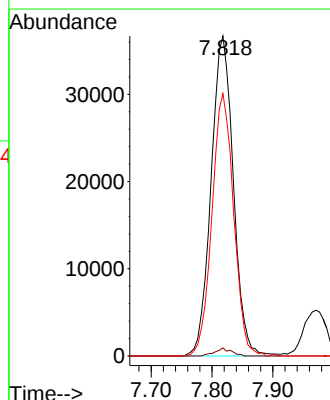
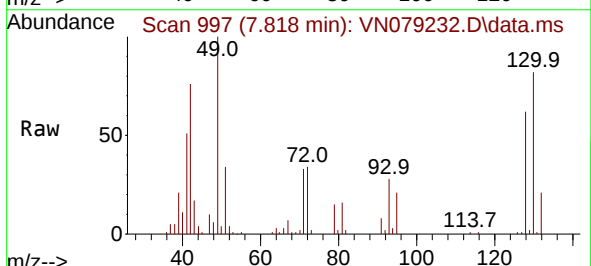
Tgt Ion: 49 Resp: 93293

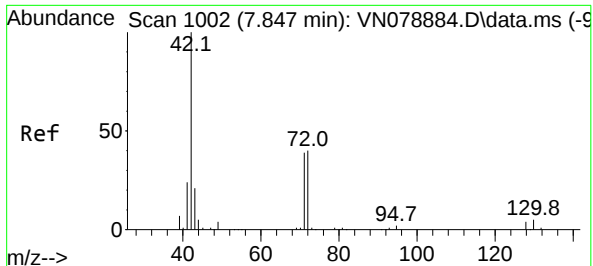
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.8

130 79.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 242.454 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 218264

Ion Ratio Lower Upper

42 100

72 47.1 49.8 74.6

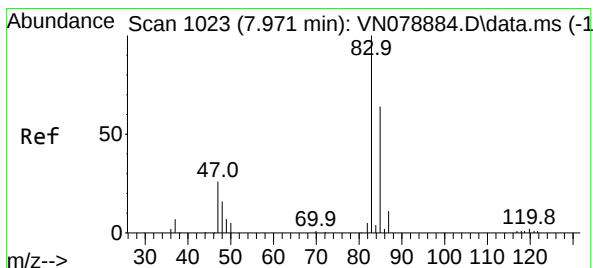
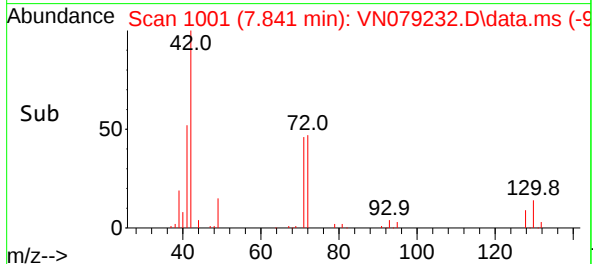
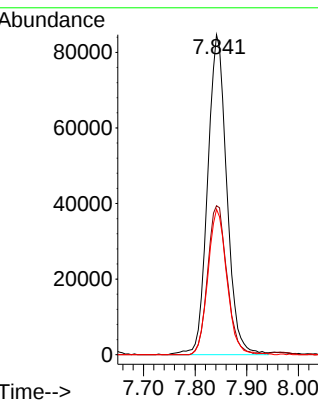
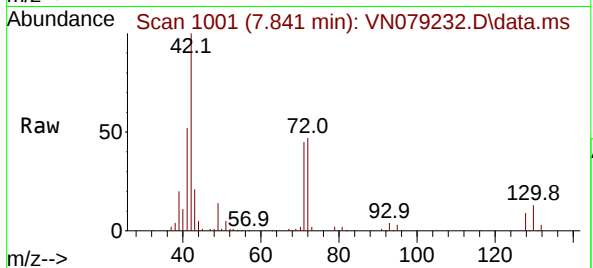
71 44.6 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#30

Chloroform

Concen: 47.701 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079232.D

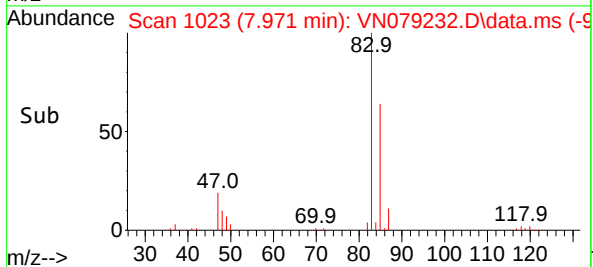
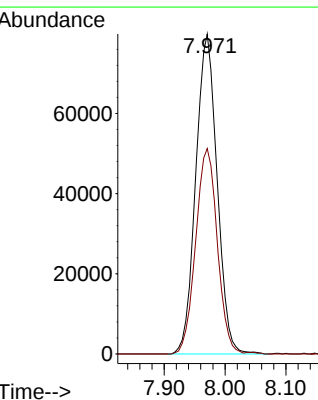
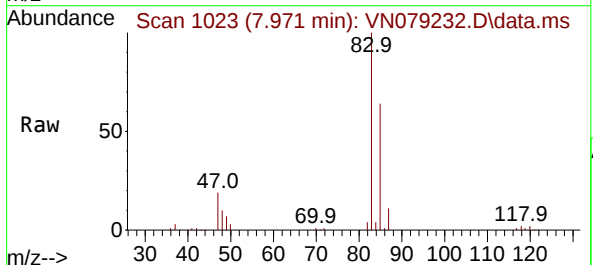
Acq: 12 Sep 2023 11:10

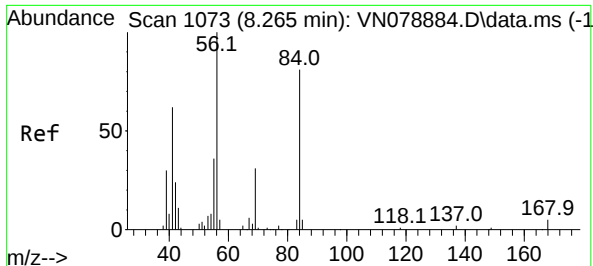
Tgt Ion: 83 Resp: 194361

Ion Ratio Lower Upper

83 100

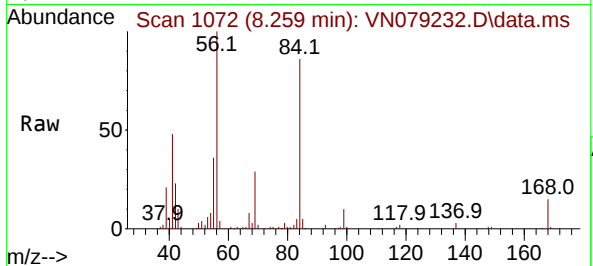
85 64.2 55.4 83.0





#31
Cyclohexane
Concen: 44.677 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

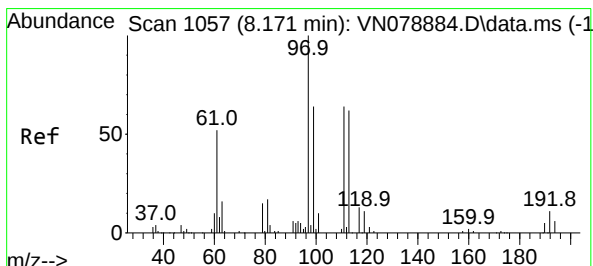
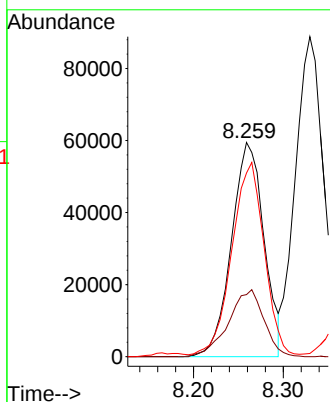
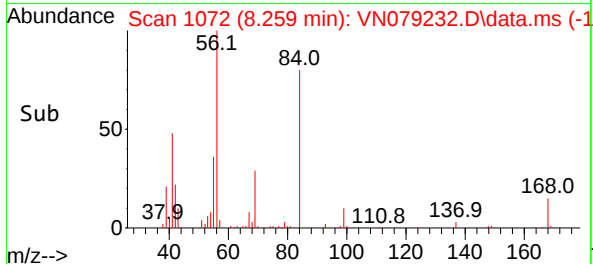
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



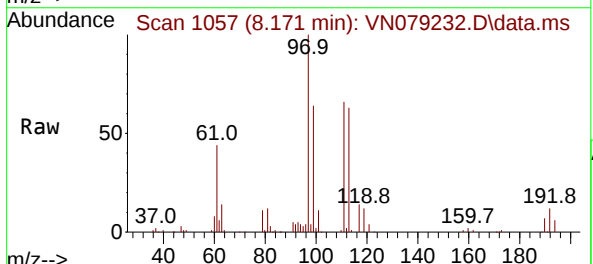
Tgt Ion: 56 Resp: 149750
Ion Ratio Lower Upper
56 100
69 28.8 26.8 40.2
84 84.3 81.8 122.6

Manual Integrations
APPROVED

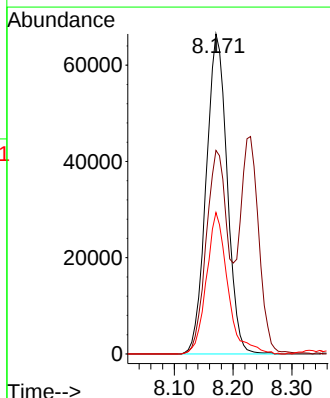
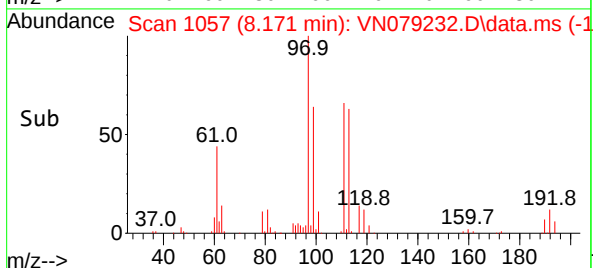
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

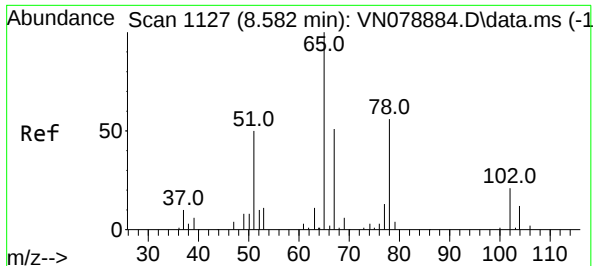


#32
1,1,1-Trichloroethane
Concen: 47.437 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10



Tgt Ion: 97 Resp: 164763
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 45.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.336 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 117849

Ion Ratio Lower Upper

65 100

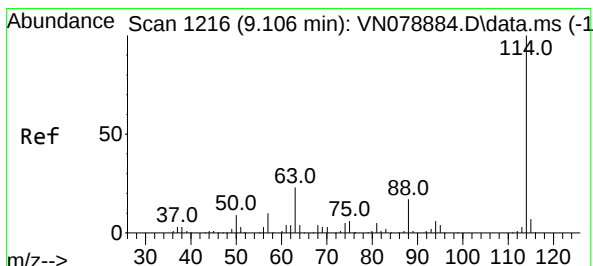
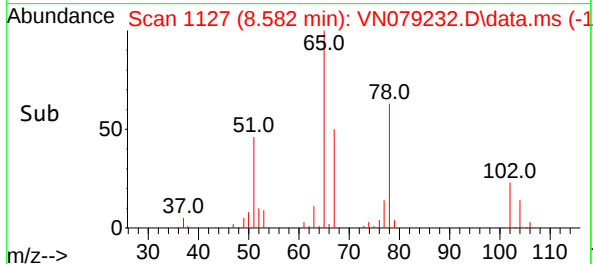
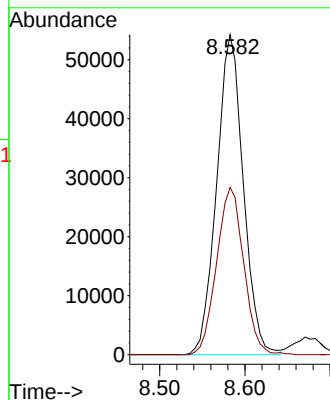
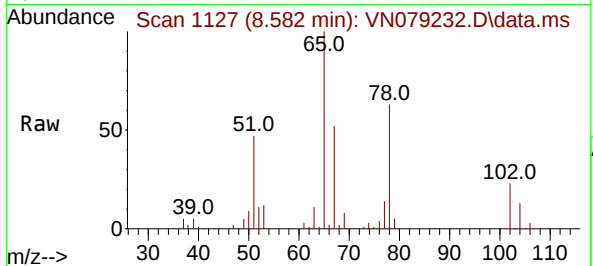
67 53.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

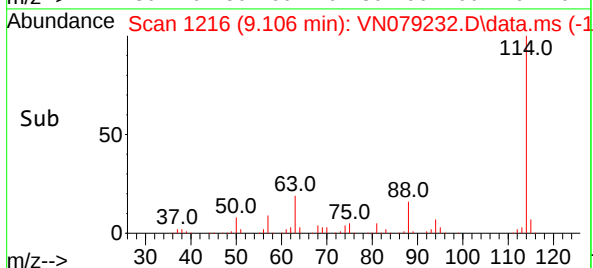
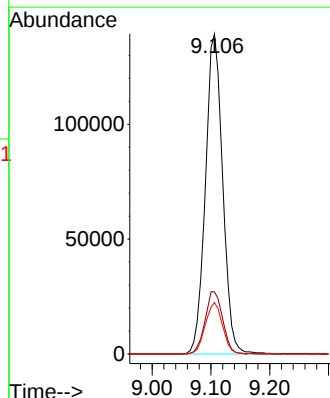
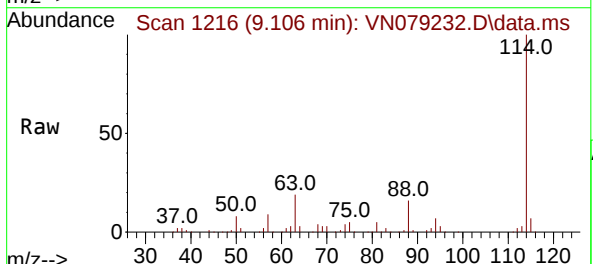
Tgt Ion:114 Resp: 284877

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.502 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 101384

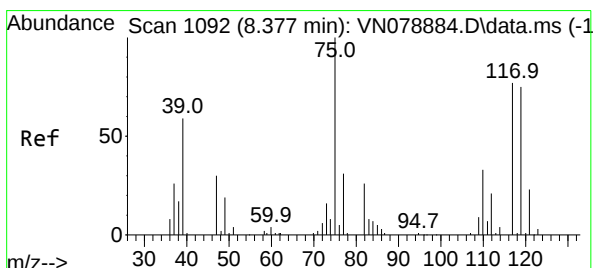
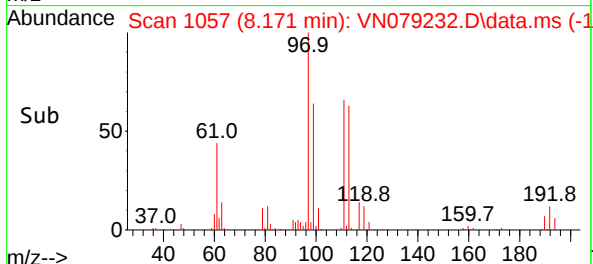
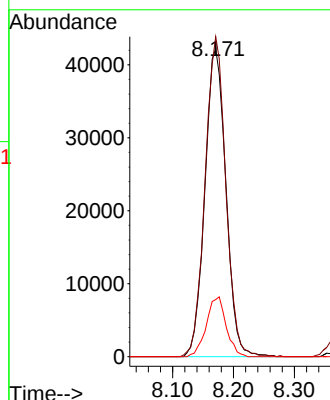
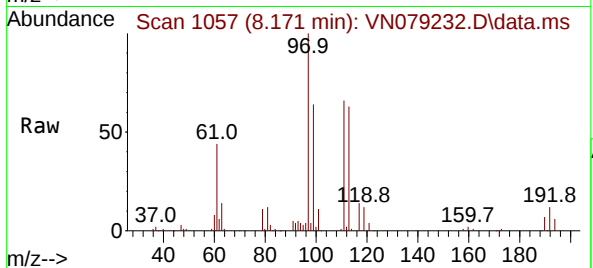
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	18.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#36

1,1-Dichloropropene

Concen: 49.099 ug/l

RT: 8.377 min Scan# 1092

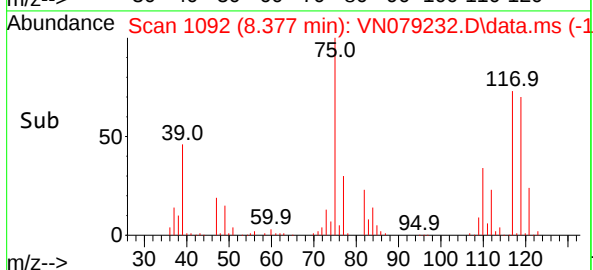
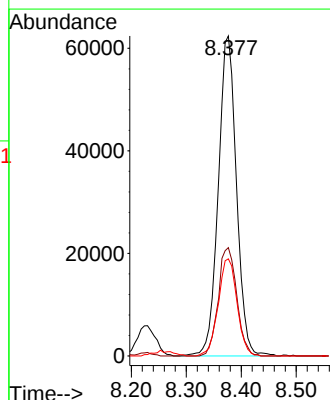
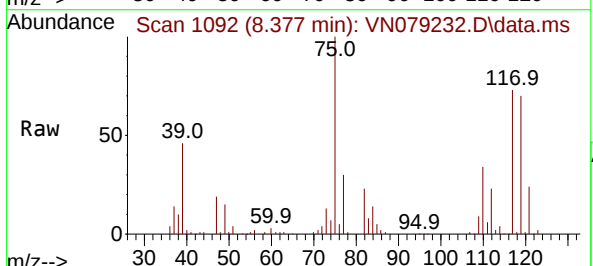
Delta R.T. -0.000 min

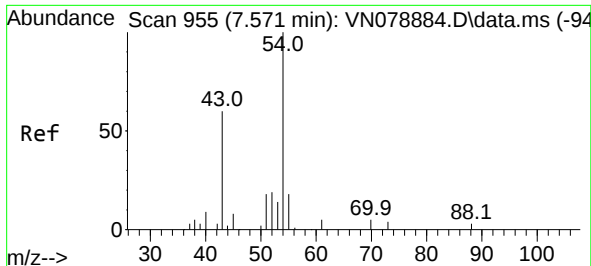
Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Tgt Ion: 75 Resp: 143410

Ion	Ratio	Lower	Upper
75	100		
110	34.6	19.1	57.3
77	31.4	25.0	37.4





#37

Ethyl Acetate

Concen: 46.141 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 134423

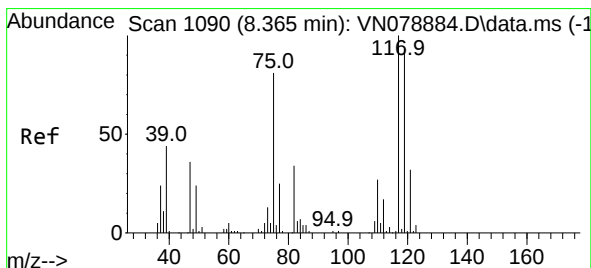
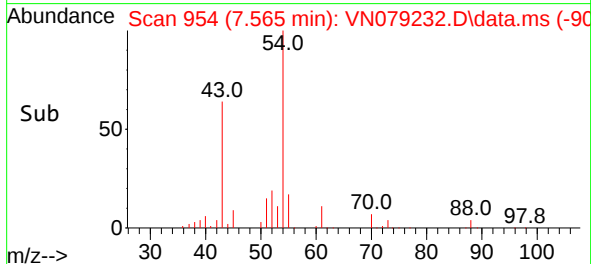
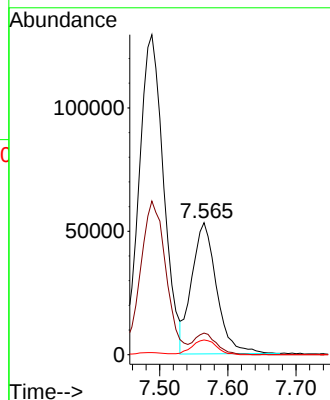
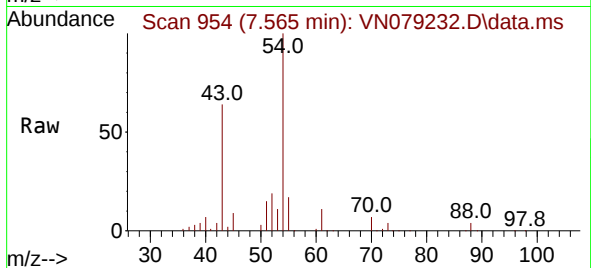
Ion	Ratio	Lower	Upper
43	100		
61	14.7	13.2	19.8
70	11.2	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#38

Carbon Tetrachloride

Concen: 47.725 ug/l

RT: 8.365 min Scan# 1090

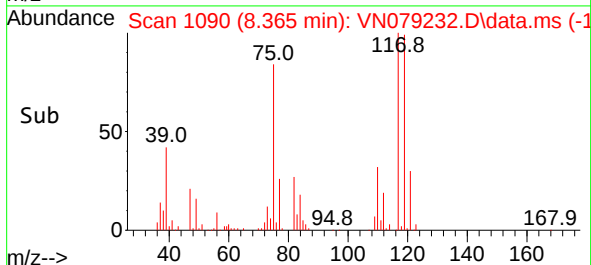
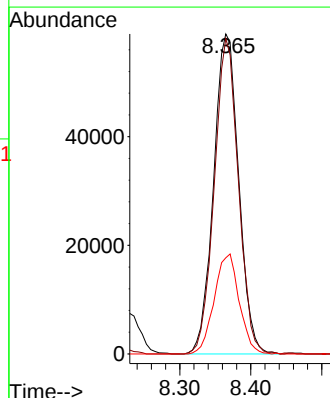
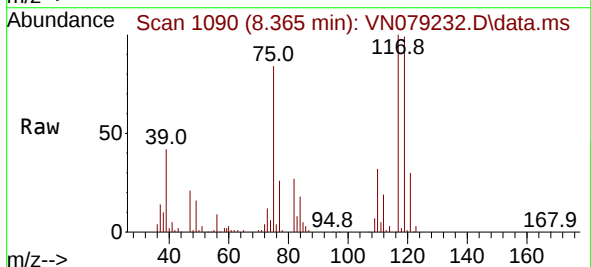
Delta R.T. -0.006 min

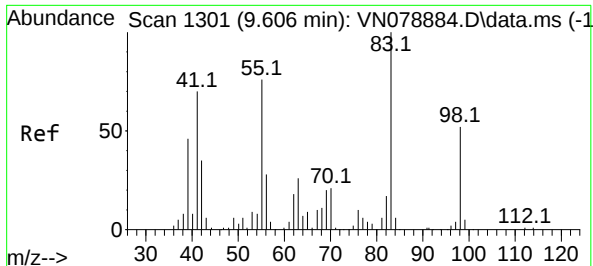
Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Tgt Ion:117 Resp: 144254

Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.3	115.9
121	30.1	23.3	34.9





#39
Methylcyclohexane
Concen: 49.598 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

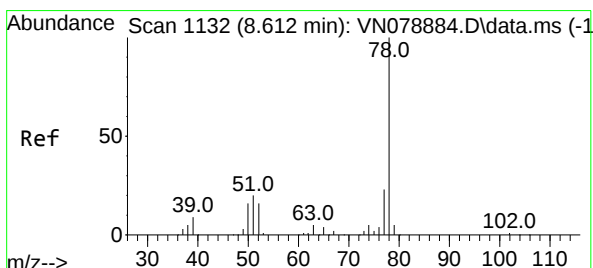
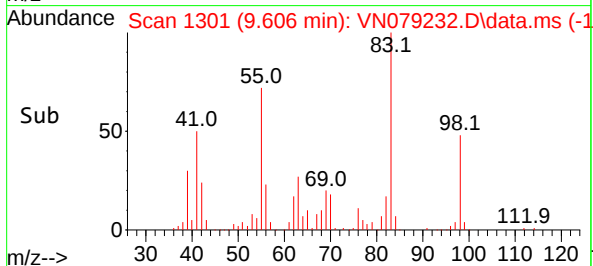
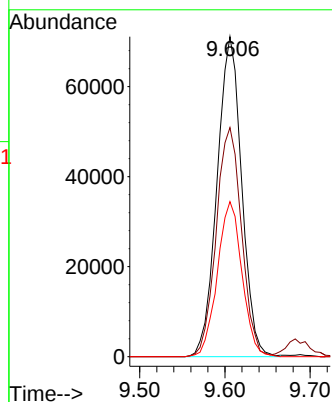
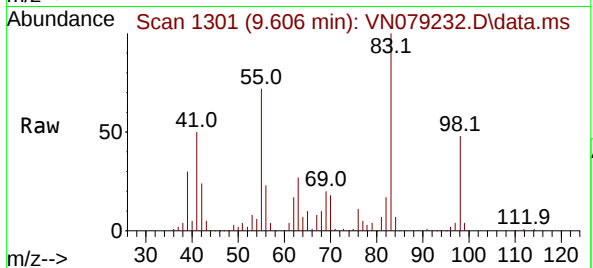
Tgt Ion: 83 Resp: 14289
Ion Ratio Lower Upper
83 100
55 71.6 49.1 73.7
98 48.5 40.6 61.0

Manual Integrations

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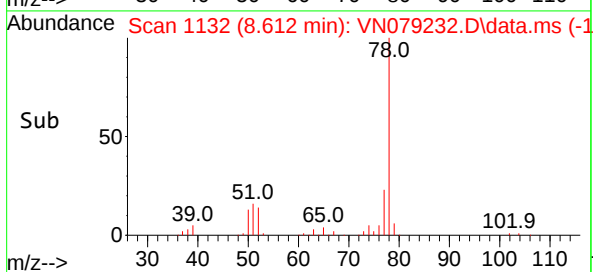
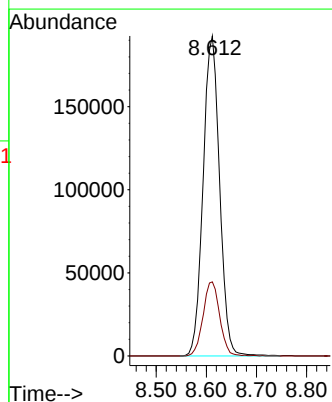
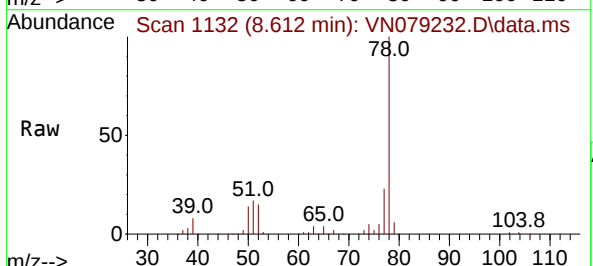
Reviewed By :John Carlone 09/13/2023

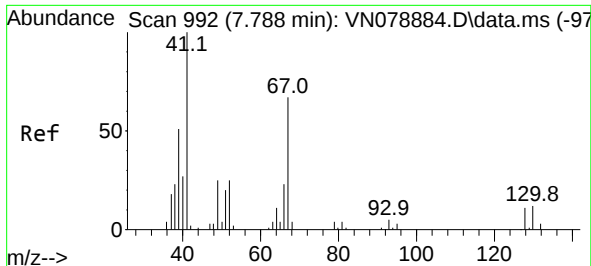
Supervised By :Mahesh Dadoda 09/13/2023



#40
Benzene
Concen: 49.204 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Tgt Ion: 78 Resp: 439949
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 50.929 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

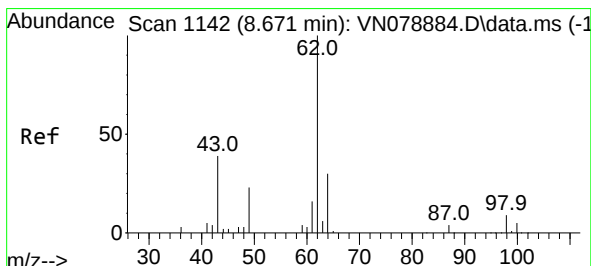
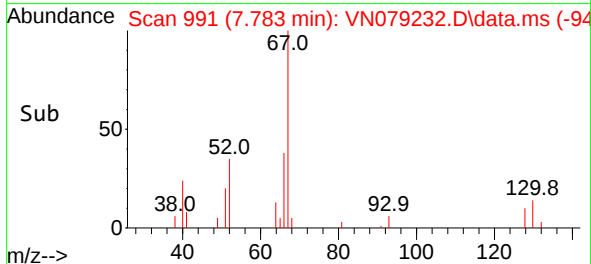
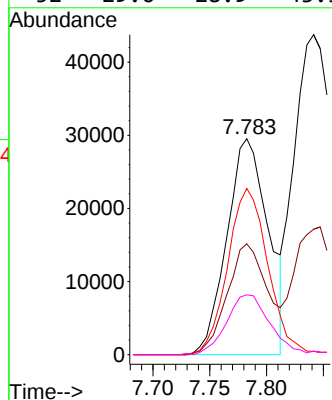
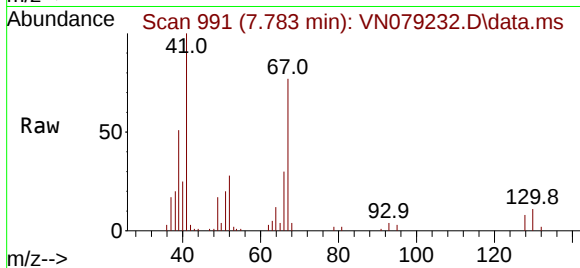
VSTDCCC050

Tgt Ion: 41 Resp: 74809
Ion Ratio Lower Upper
41 100
39 50.4 42.6 64.0
67 75.6 77.5 116.3
52 29.6 28.9 43.3

Manual Integrations

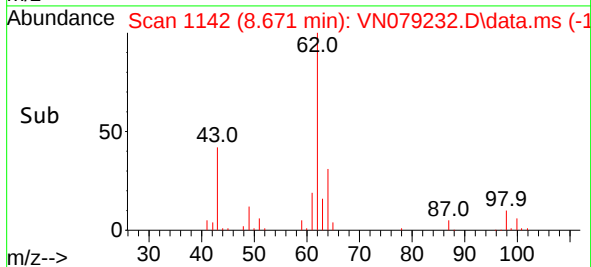
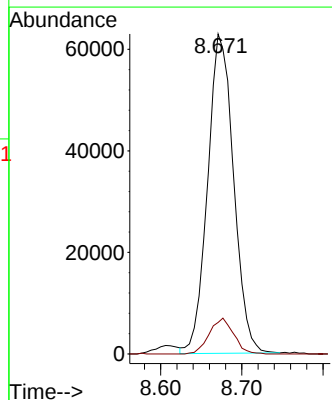
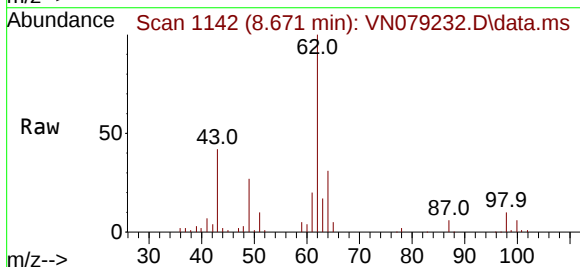
APPROVED

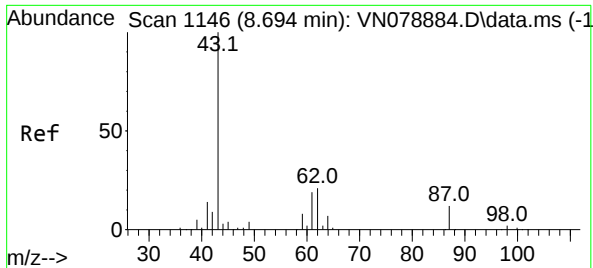
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#42
1,2-Dichloroethane
Concen: 45.410 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Tgt Ion: 62 Resp: 139779
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.8





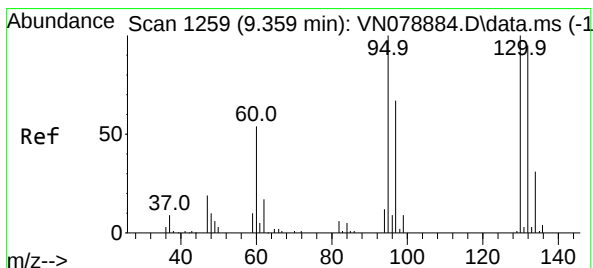
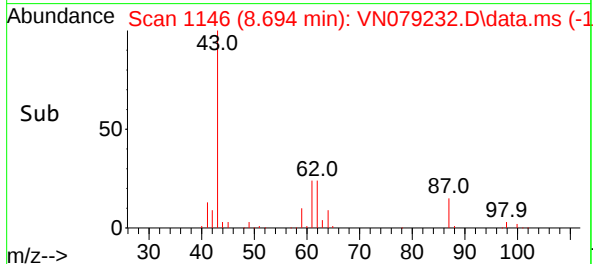
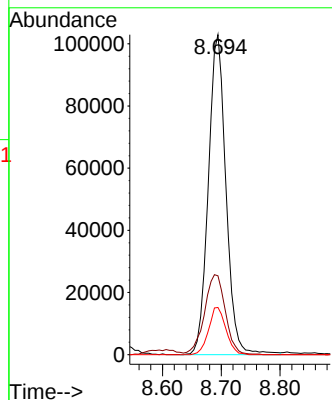
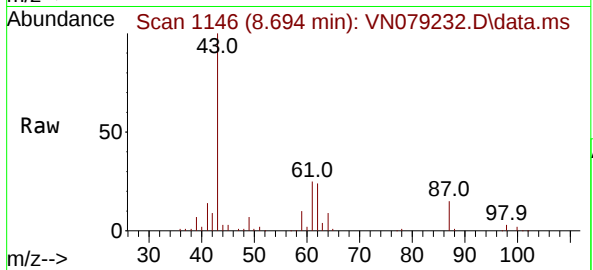
#43
Isopropyl Acetate
Concen: 45.148 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 214615
Ion Ratio Lower Upper
43 100
61 29.5 24.7 37.1
87 14.5 14.6 21.8

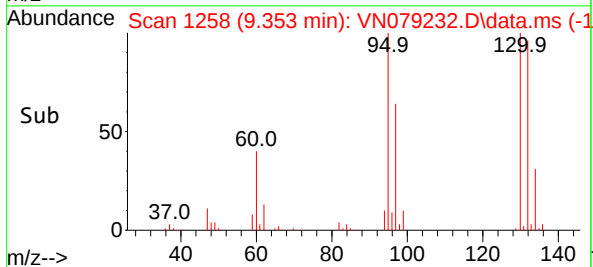
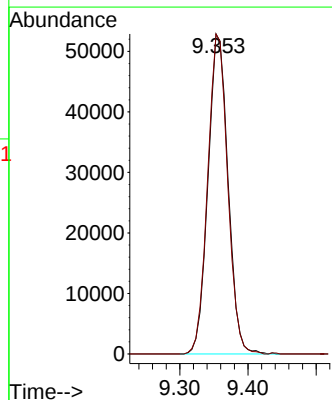
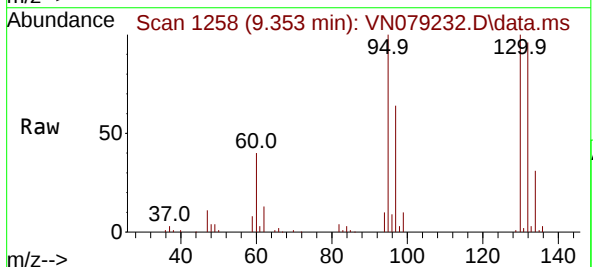
Manual Integrations
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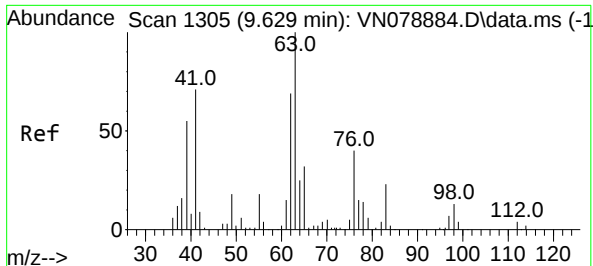
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#44
Trichloroethene
Concen: 48.965 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Tgt Ion:130 Resp: 107853
Ion Ratio Lower Upper
130 100
95 99.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.222 ug/l

RT: 9.624 min Scan# 11366

Delta R.T. -0.000 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11366

Ion Ratio Lower Upper

63 100

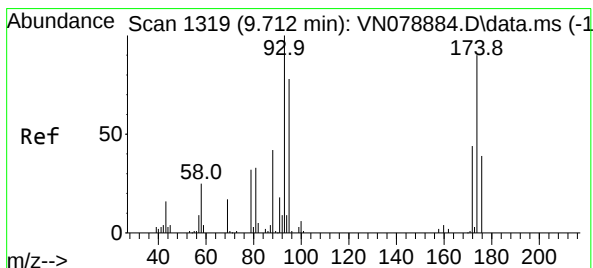
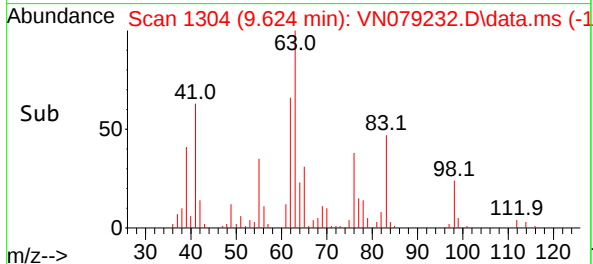
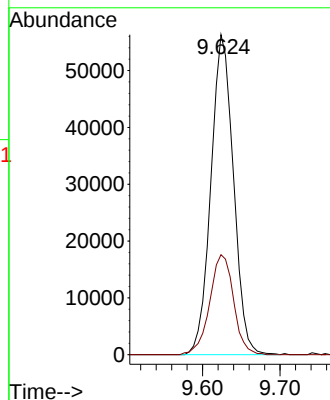
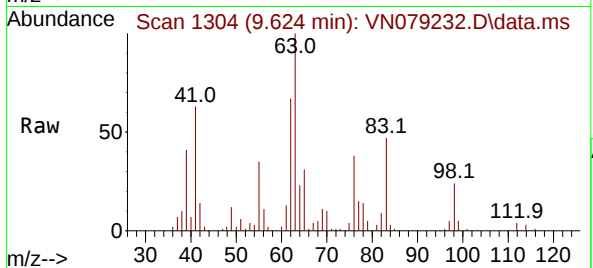
65 31.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#46

Dibromomethane

Concen: 49.337 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

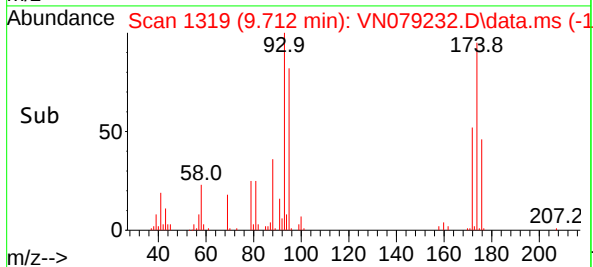
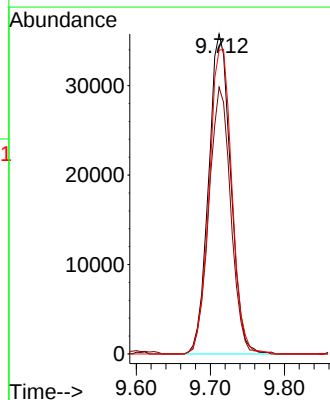
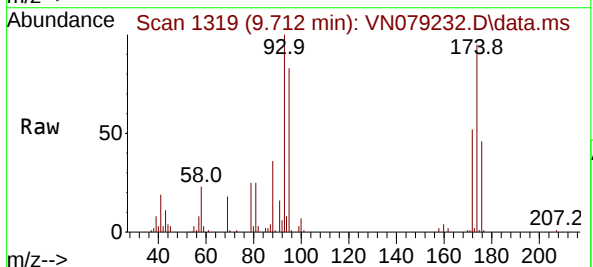
Tgt Ion: 93 Resp: 74321

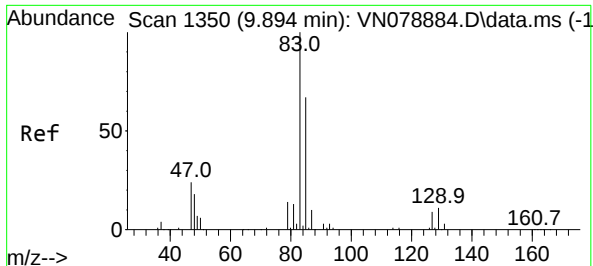
Ion Ratio Lower Upper

93 100

95 82.3 63.8 95.8

174 97.7 65.6 98.4





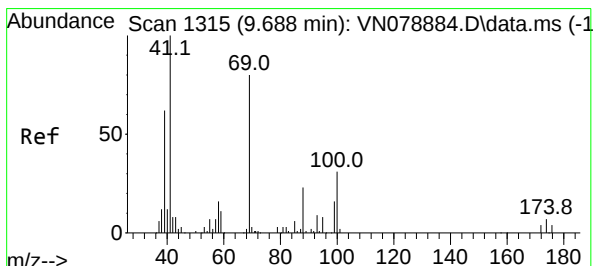
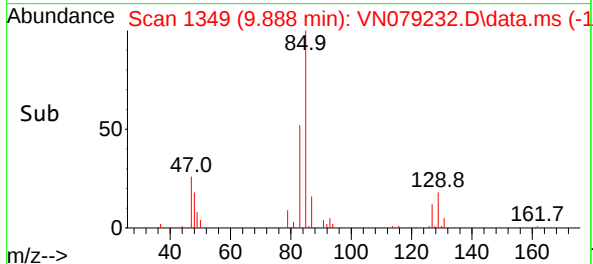
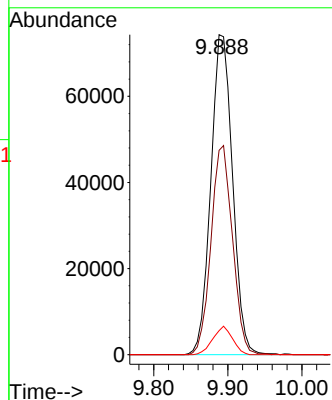
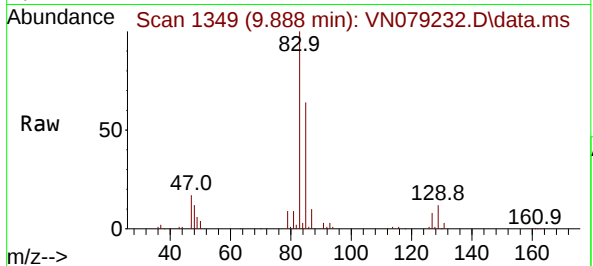
#47
Bromodichloromethane
Concen: 49.069 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 151398
Ion Ratio Lower Upper
83 100
85 63.9 49.6 74.4
127 7.5 7.0 10.6

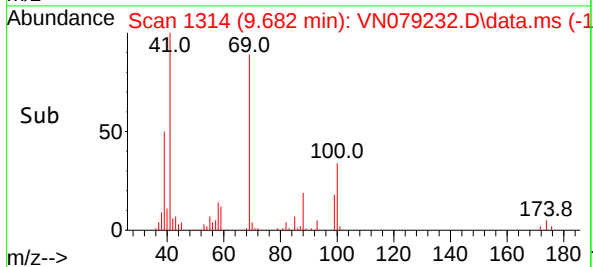
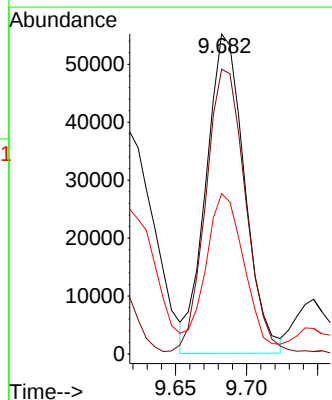
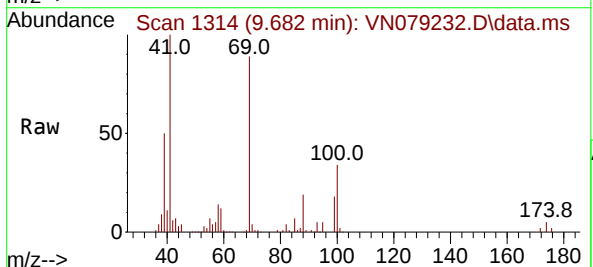
Manual Integrations
APPROVED

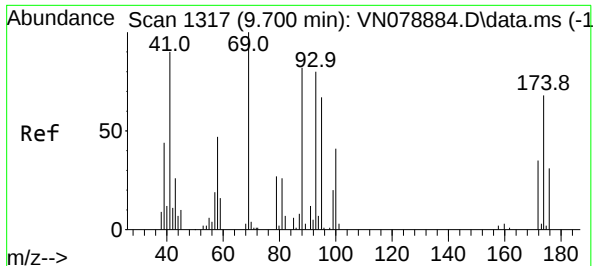
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#48
Methyl methacrylate
Concen: 48.761 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Tgt Ion: 41 Resp: 103823
Ion Ratio Lower Upper
41 100
69 93.4 90.4 135.6
39 51.4 54.6 81.8





#49

1,4-Dioxane

Concen: 1024.126 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4485

Ion Ratio Lower Upper

88 100

43 27.0 17.0 25.6

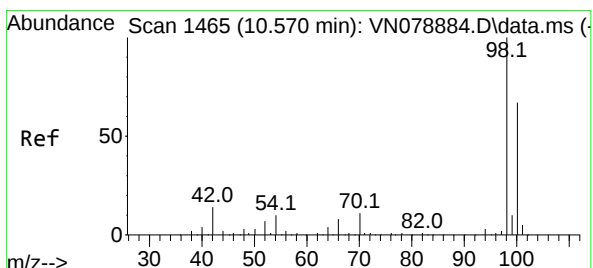
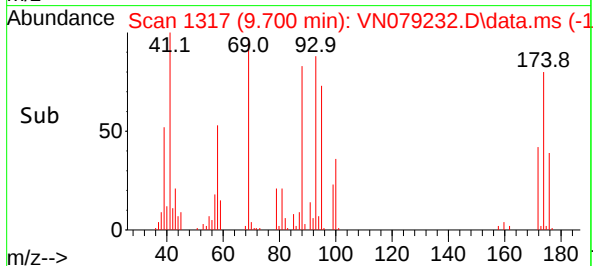
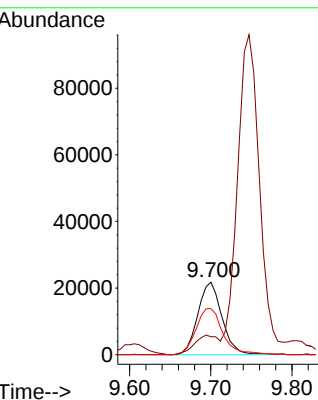
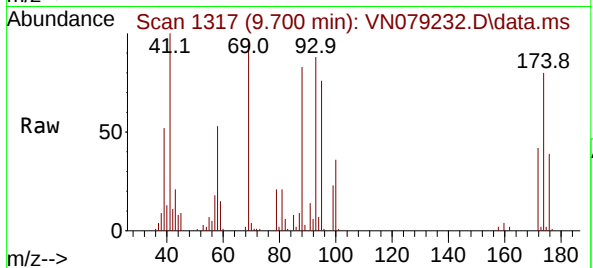
58 70.8 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#50

Toluene-d8

Concen: 54.630 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079232.D

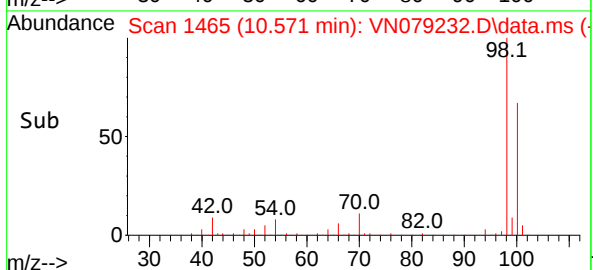
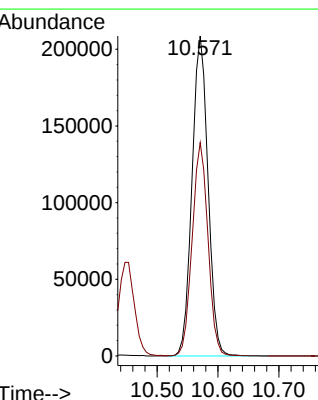
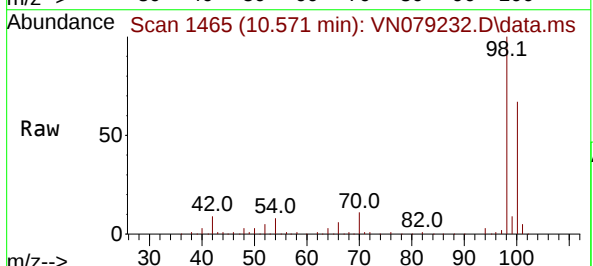
Acq: 12 Sep 2023 11:10

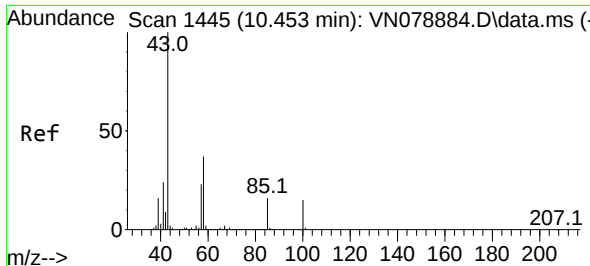
Tgt Ion: 98 Resp: 380113

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0





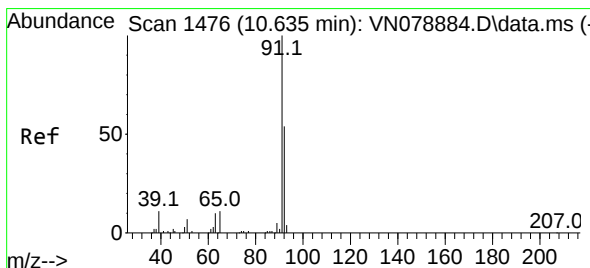
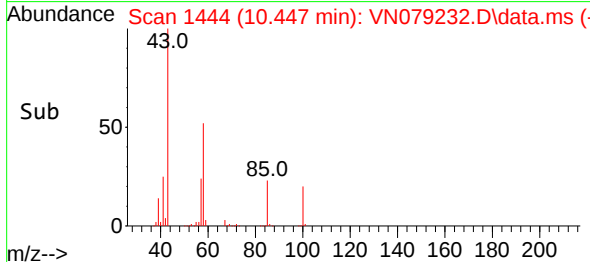
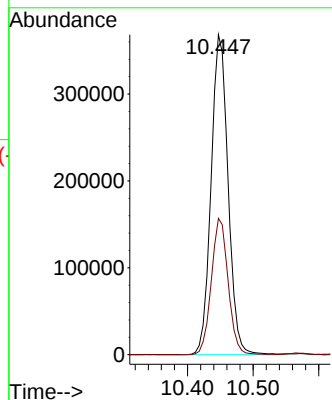
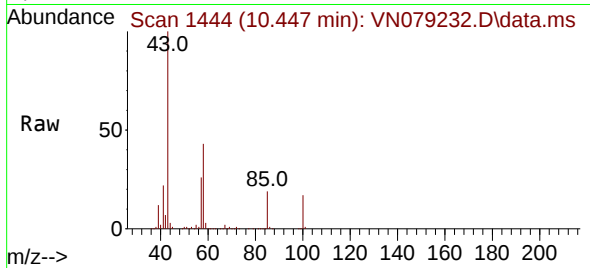
#51
4-Methyl-2-Pentanone
Concen: 240.537 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 663740
Ion Ratio Lower Upper
43 100
58 42.2 36.6 54.8

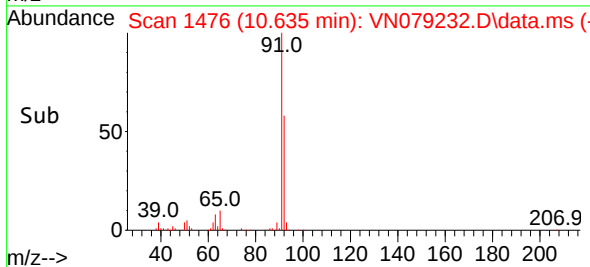
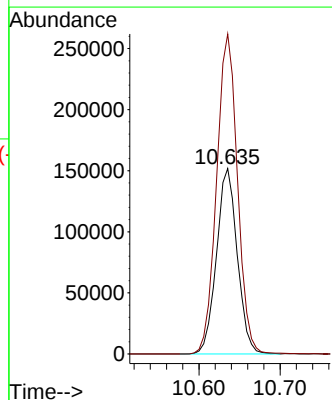
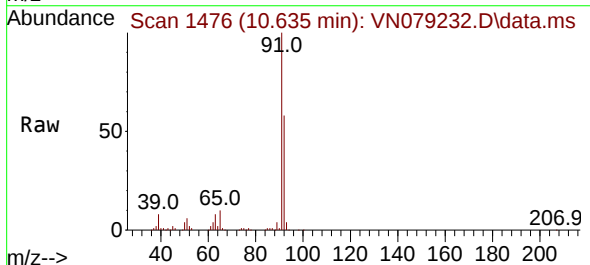
Manual Integrations
APPROVED

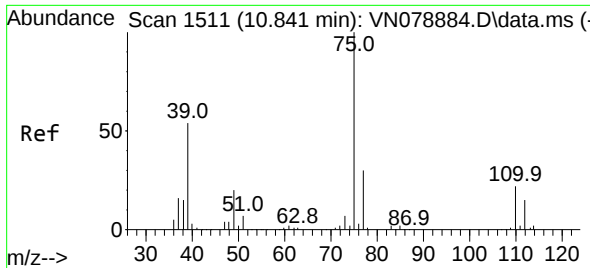
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#52
Toluene
Concen: 49.121 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

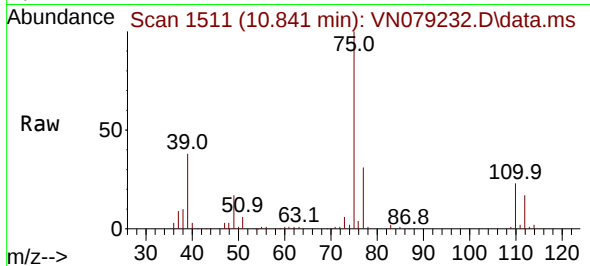
Tgt Ion: 92 Resp: 269920
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 48.919 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

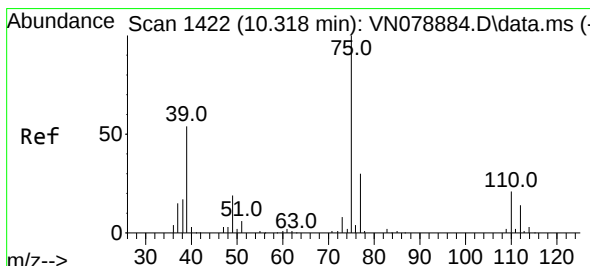
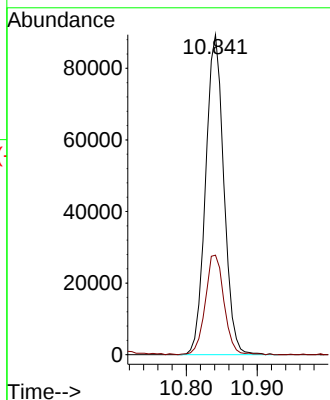
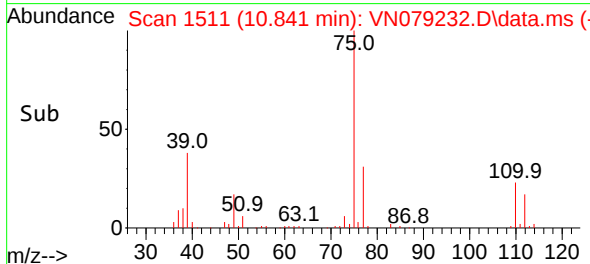
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 159152
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

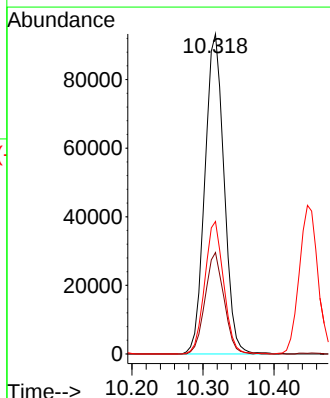
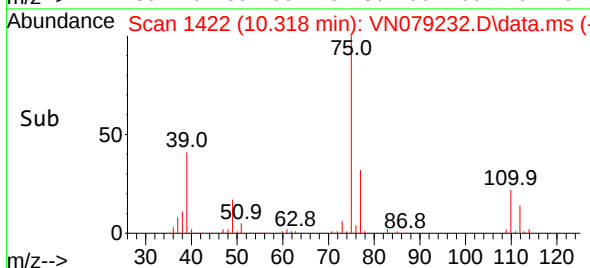
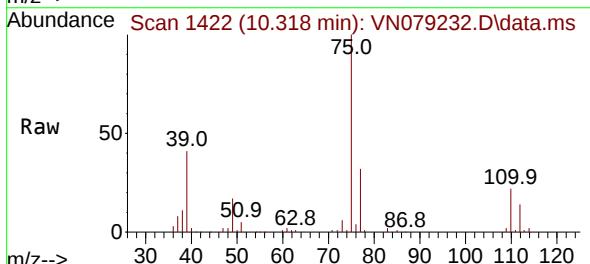
Manual Integrations
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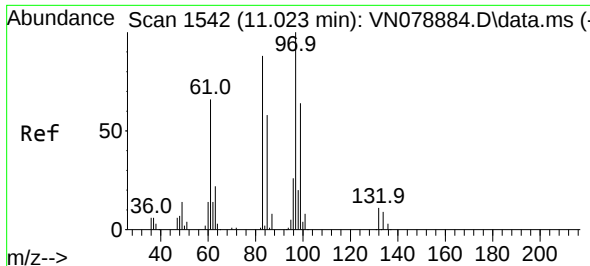
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#54
cis-1,3-Dichloropropene
Concen: 50.305 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

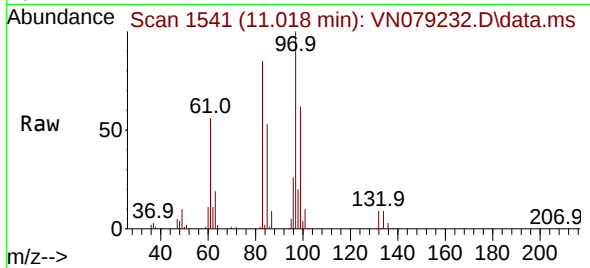
Tgt Ion: 75 Resp: 175046
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 41.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 49.238 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

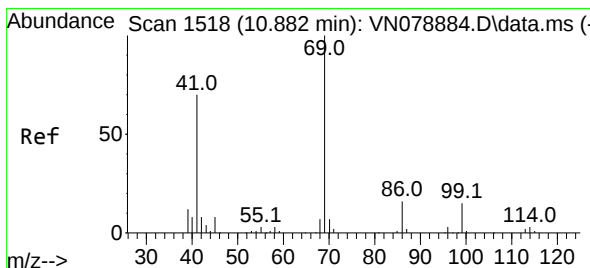
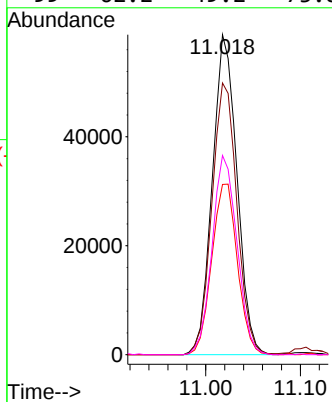
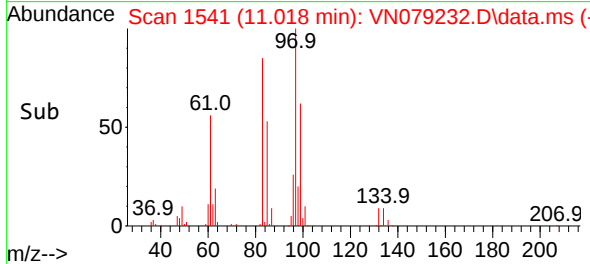
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



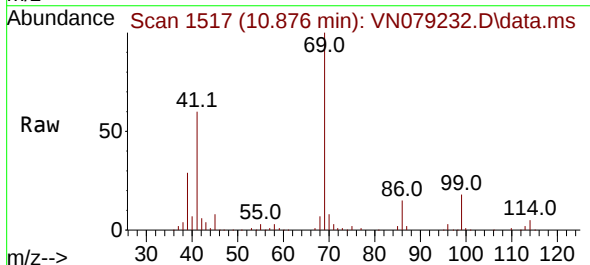
Tgt Ion:	97	Resp:	106164
Ion Ratio	100	Lower	Upper
97	100		
83	84.9	65.1	97.7
85	53.2	43.4	65.2
99	62.2	49.2	73.8

Manual Integrations
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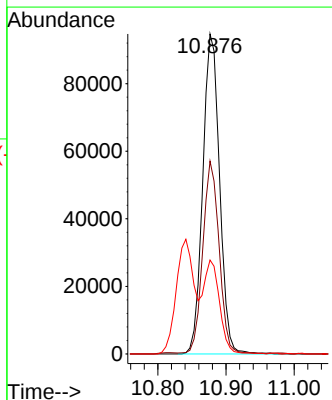
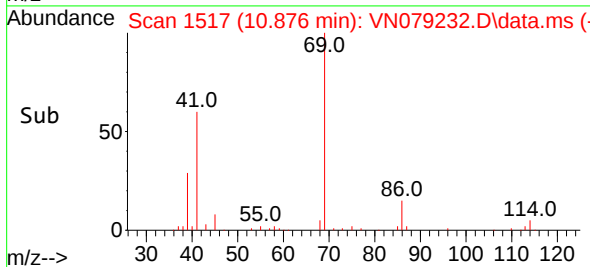
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

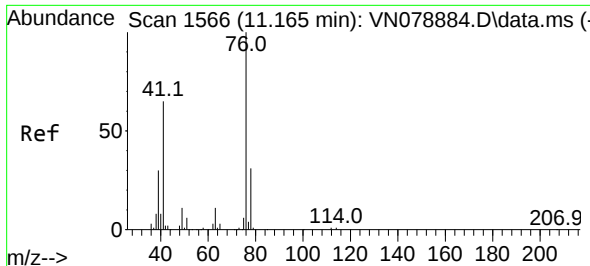


#56
Ethyl methacrylate
Concen: 53.418 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10



Tgt Ion:	69	Resp:	162585
Ion Ratio	100	Lower	Upper
69	100		
41	58.2	39.6	59.4
39	28.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 49.066 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 18288

Ion Ratio Lower Upper

76 100

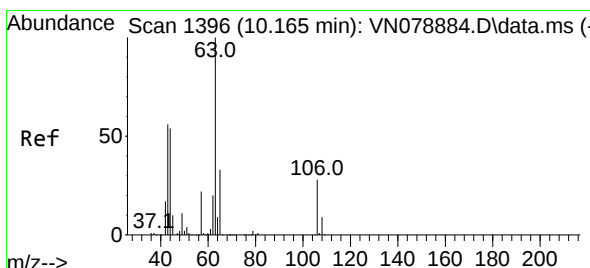
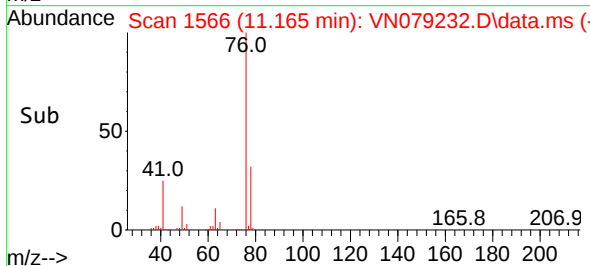
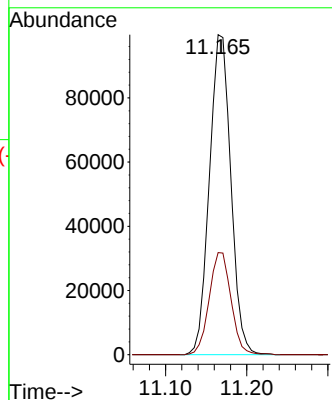
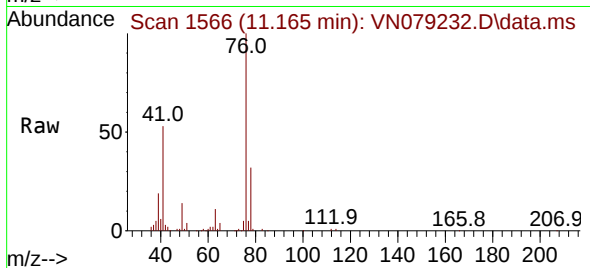
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 243.386 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079232.D

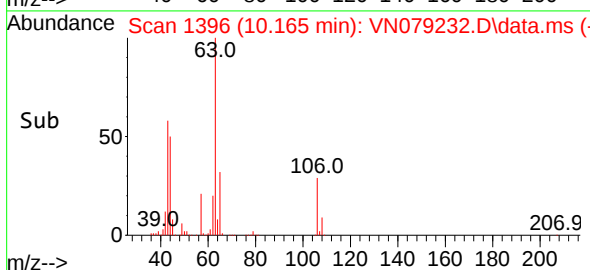
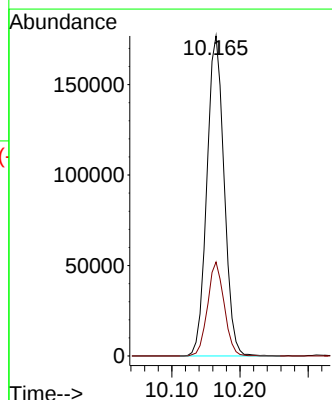
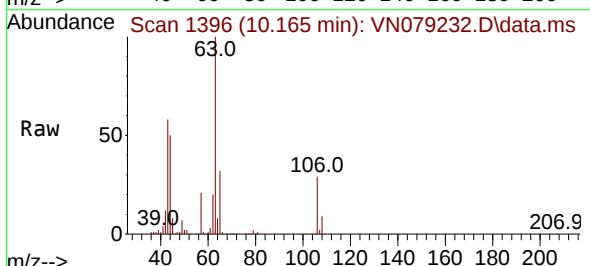
Acq: 12 Sep 2023 11:10

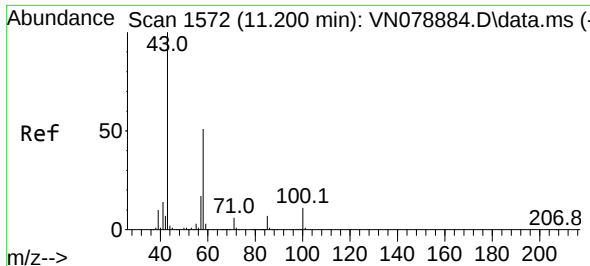
Tgt Ion: 63 Resp: 310542

Ion Ratio Lower Upper

63 100

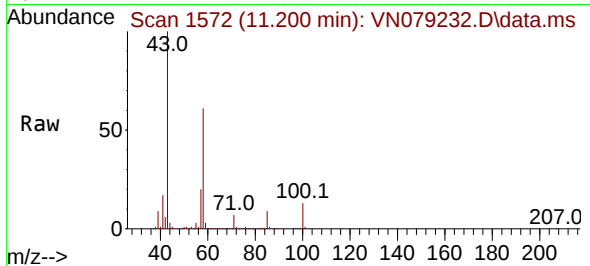
106 28.3 26.2 39.4





#59
2-Hexanone
Concen: 238.633 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

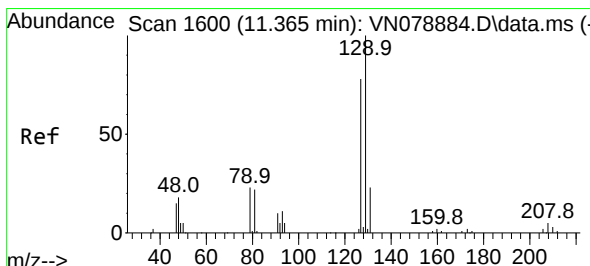
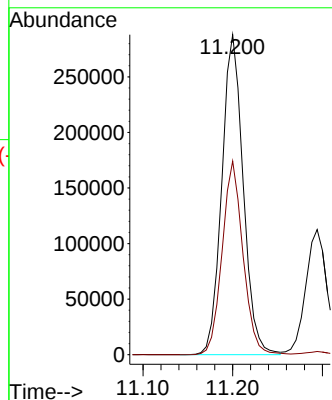
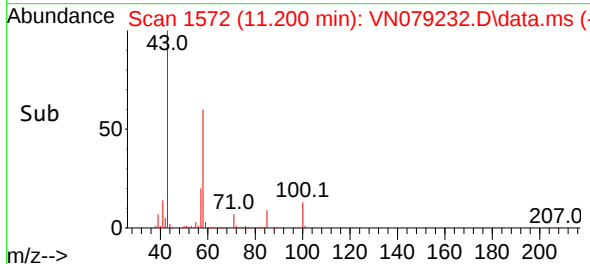
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 476938
Ion Ratio Lower Upper
43 100
58 58.9 31.7 95.1

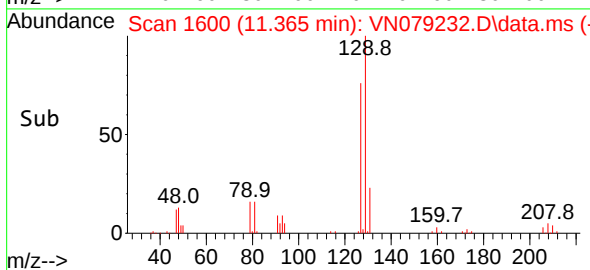
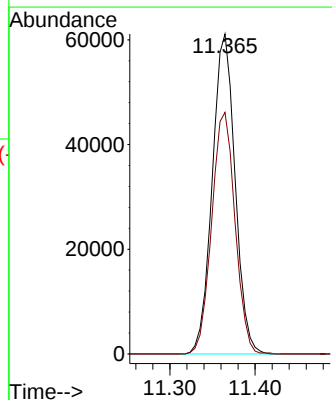
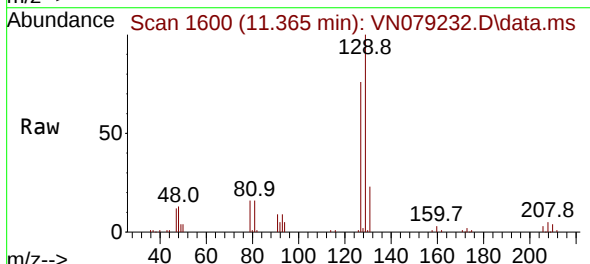
Manual Integrations
APPROVED

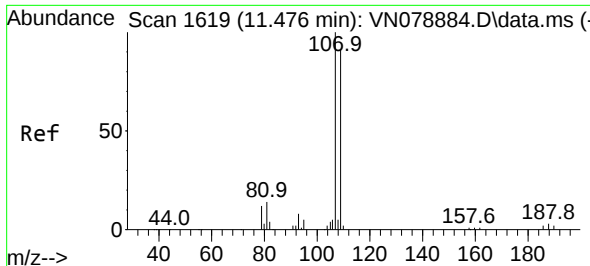
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#60
Dibromochloromethane
Concen: 49.509 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

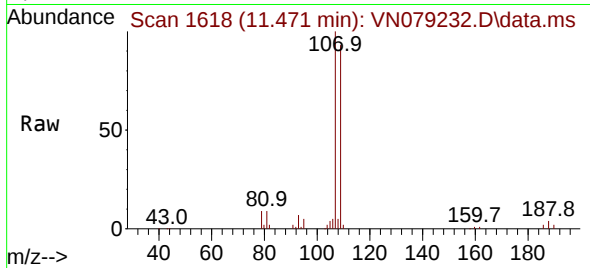
Tgt Ion:129 Resp: 113609
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.246 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

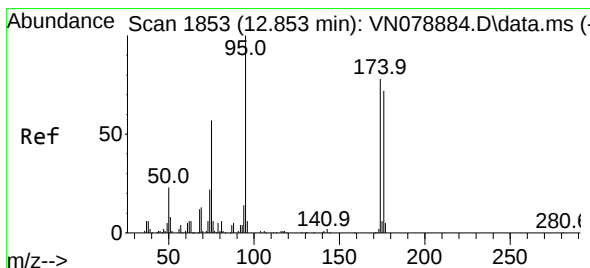
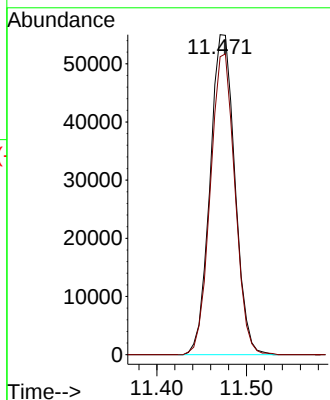
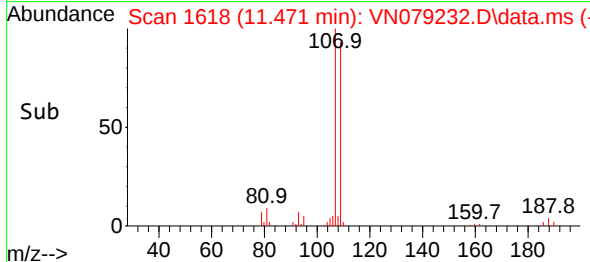
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



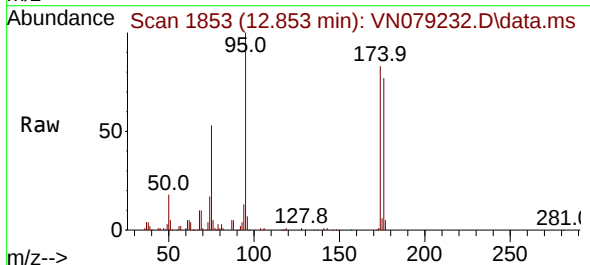
Tgt Ion:107 Resp: 10596
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8

Manual Integrations
APPROVED

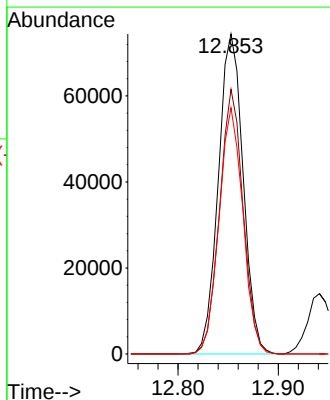
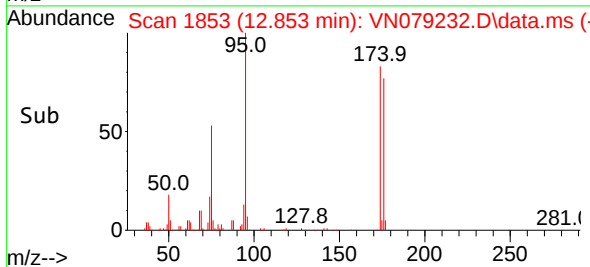
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

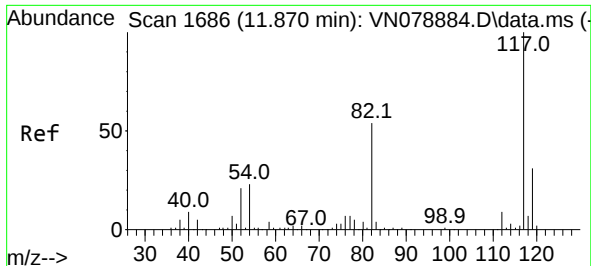


#62
4-Bromofluorobenzene
Concen: 57.506 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10



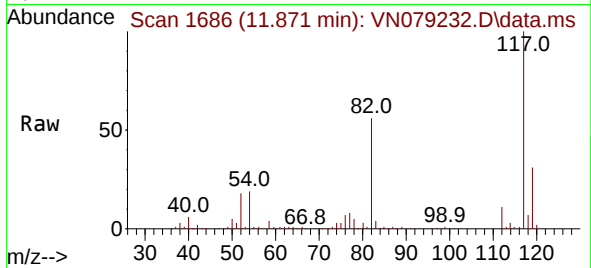
Tgt Ion: 95 Resp: 127631
Ion Ratio Lower Upper
95 100
174 78.8 0.0 143.8
176 74.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

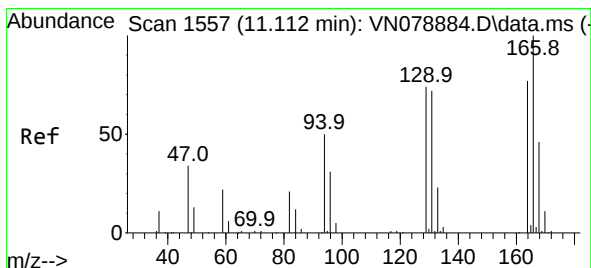
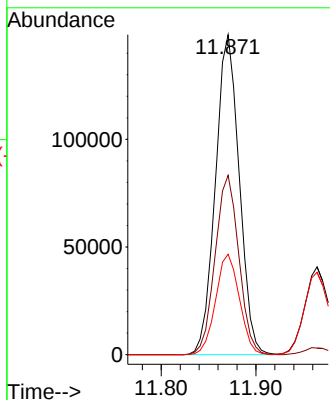
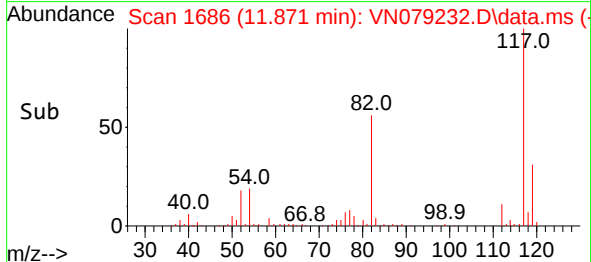
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 25977
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 31.4 25.6 38.4

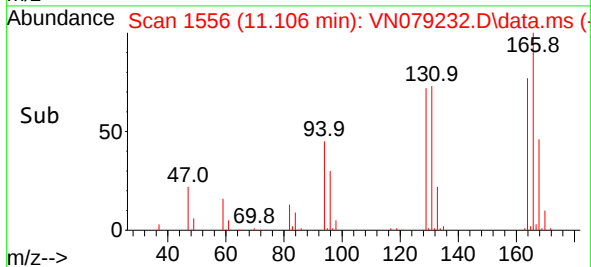
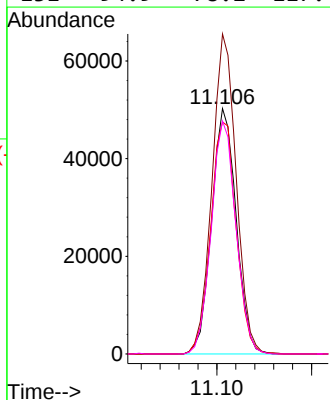
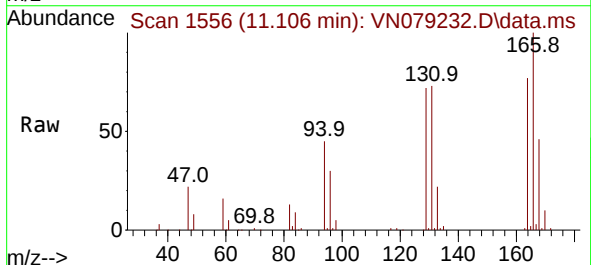
Manual Integrations
APPROVED

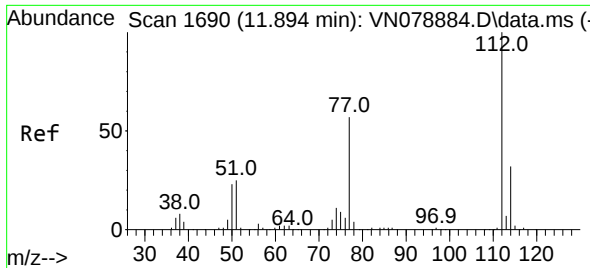
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#64
Tetrachloroethene
Concen: 47.797 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

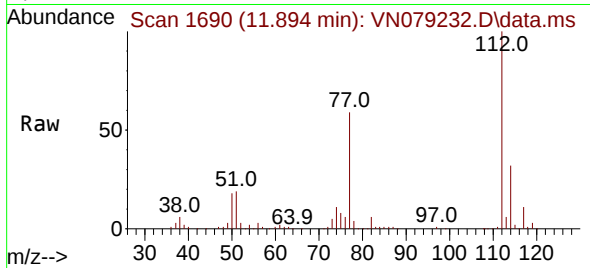
Tgt Ion:164 Resp: 90538
Ion Ratio Lower Upper
164 100
166 130.4 101.4 152.0
129 94.5 82.4 123.6
131 94.9 78.2 117.4





#65
Chlorobenzene
Concen: 46.804 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

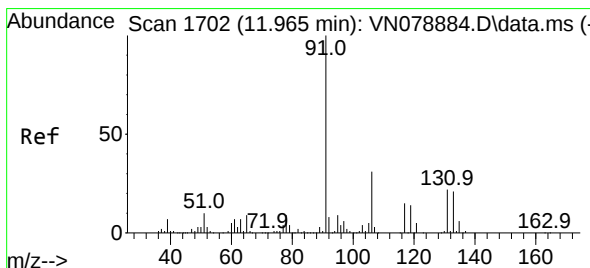
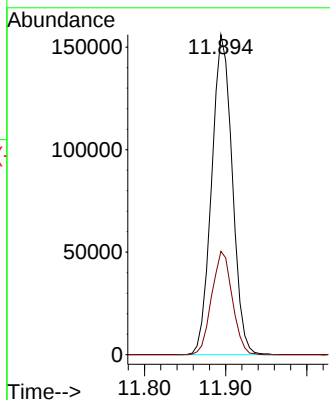
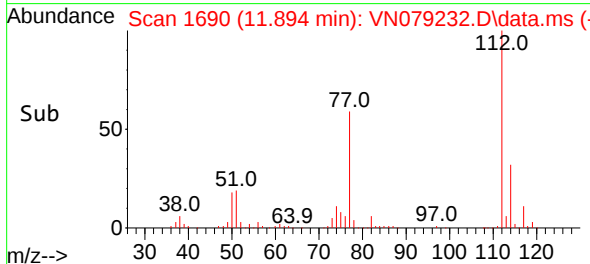
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 27544
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

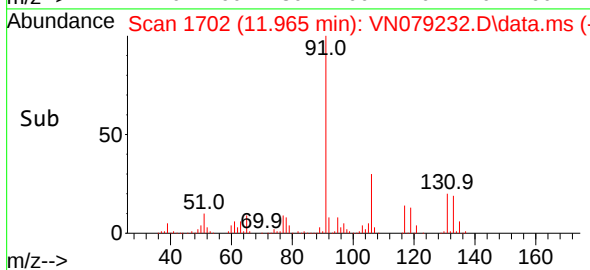
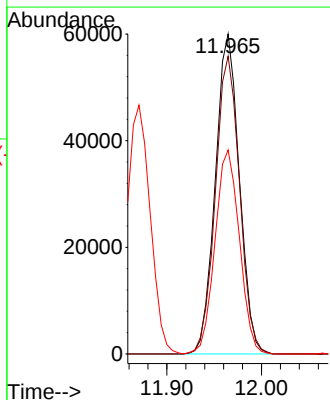
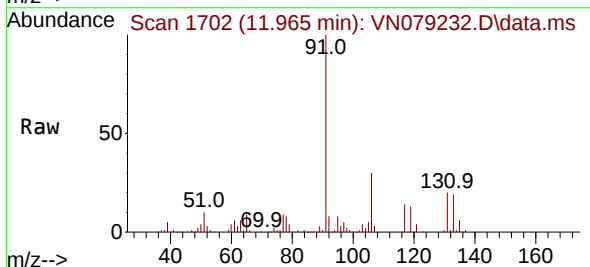
Manual Integrations
APPROVED

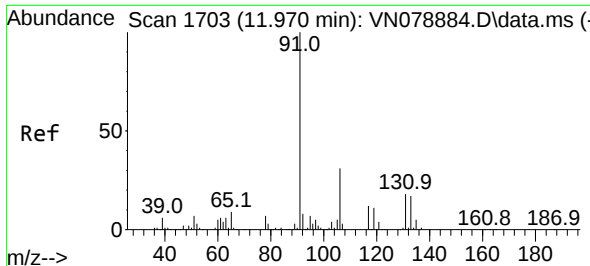
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.929 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Tgt Ion:131 Resp: 105768
Ion Ratio Lower Upper
131 100
133 93.9 46.4 139.1
119 64.8 34.1 102.2





#67

Ethyl Benzene

Concen: 49.934 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 502639

Ion Ratio Lower Upper

91 100

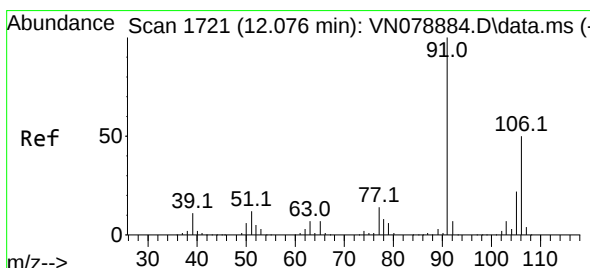
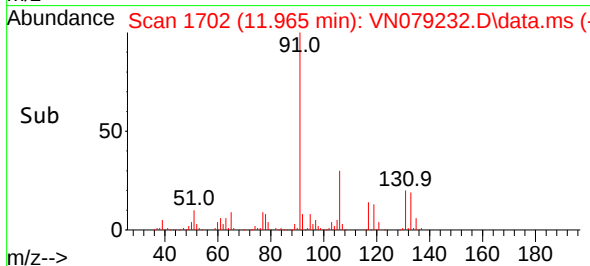
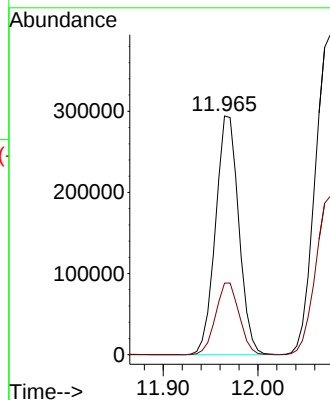
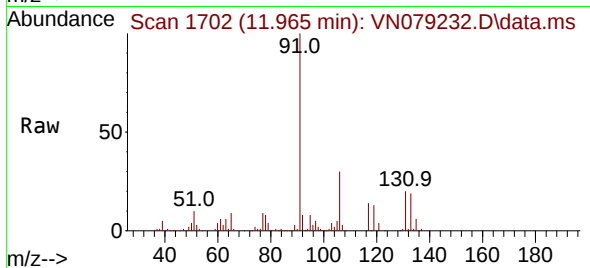
106 30.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#68

m/p-Xylenes

Concen: 101.882 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079232.D

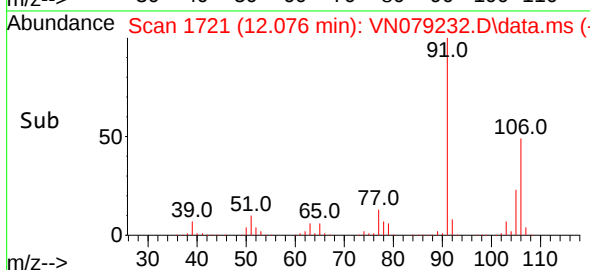
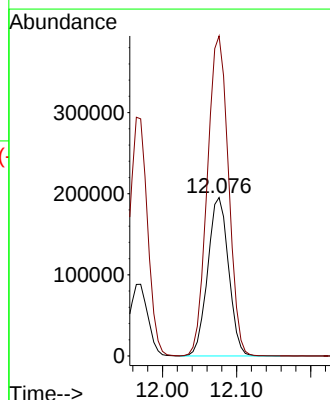
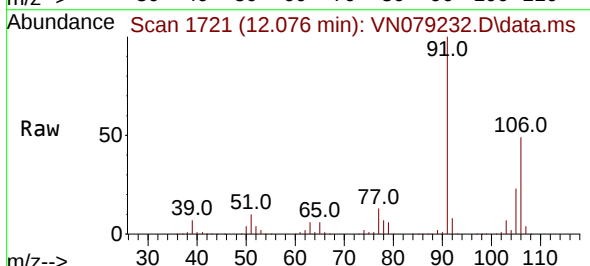
Acq: 12 Sep 2023 11:10

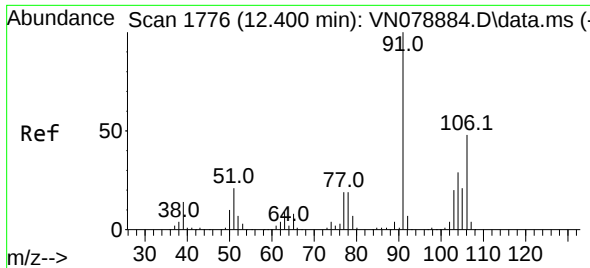
Tgt Ion:106 Resp: 382260

Ion Ratio Lower Upper

106 100

91 204.6 159.6 239.4





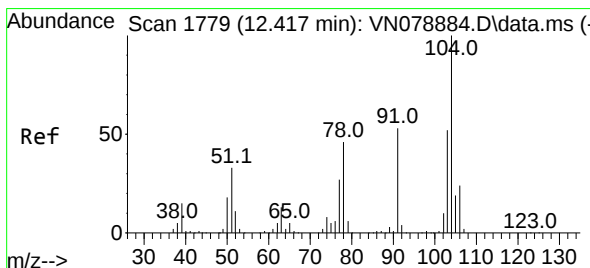
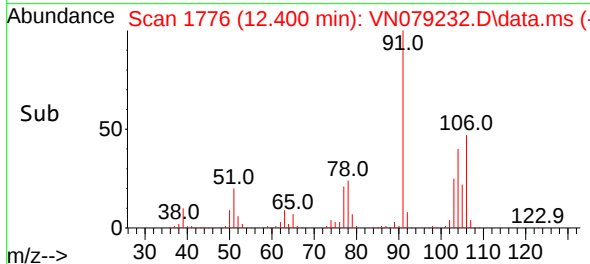
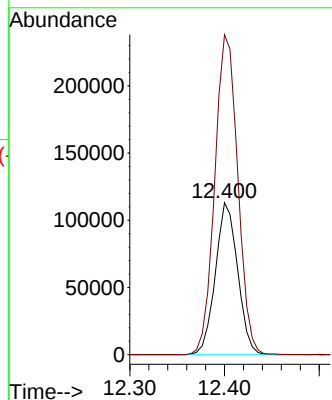
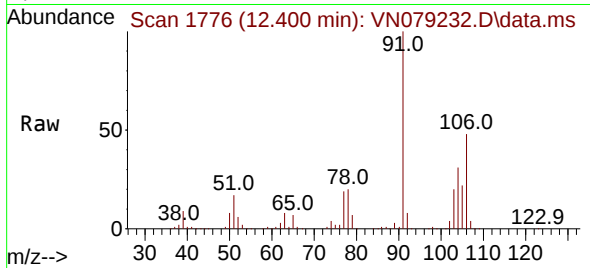
#69
o-Xylene
Concen: 51.383 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 18489
Ion Ratio Lower Upper
106 100
91 217.9 105.2 315.5

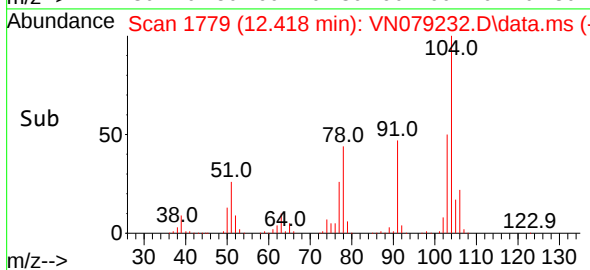
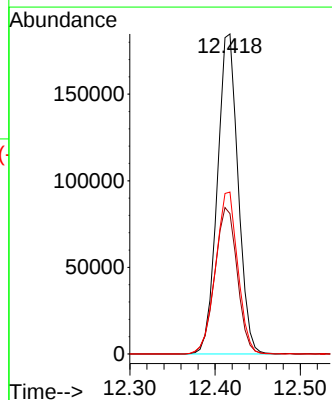
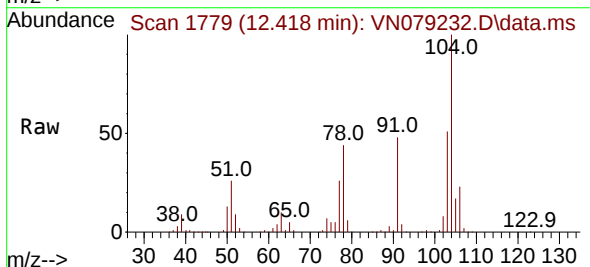
Manual Integrations
APPROVED

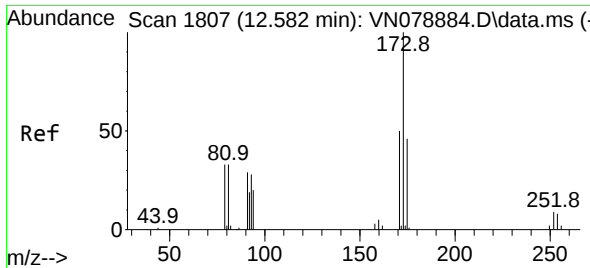
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#70
Styrene
Concen: 54.047 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

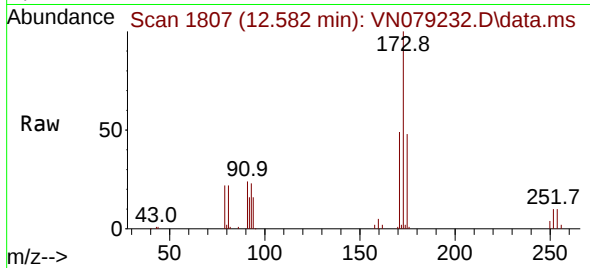
Tgt Ion:104 Resp: 312792
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 54.3 43.2 64.8





#71
Bromoform
Concen: 48.858 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

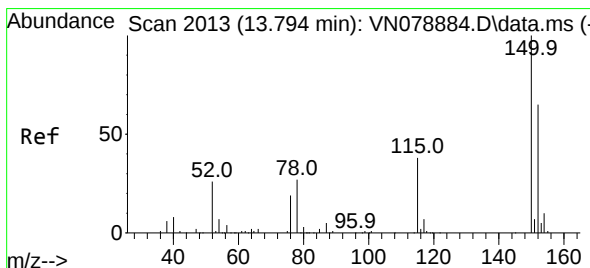
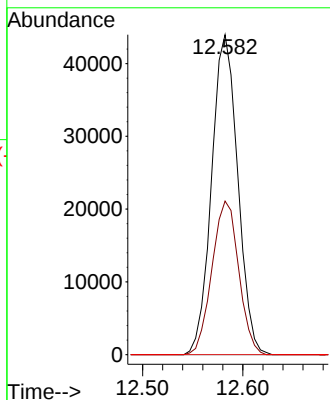
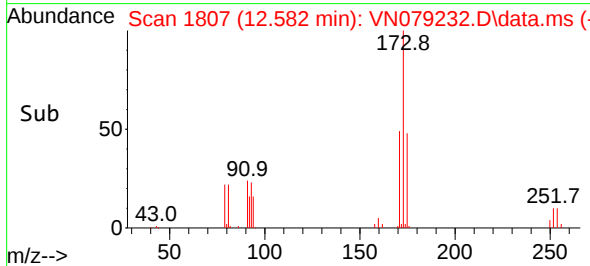
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



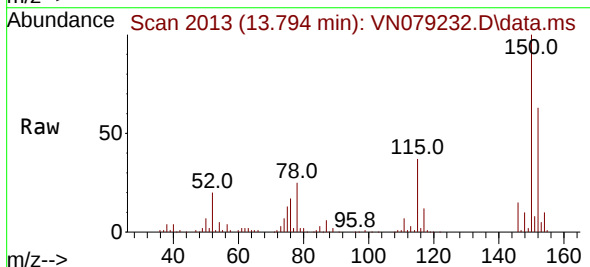
Tgt Ion:173 Resp: 79590
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

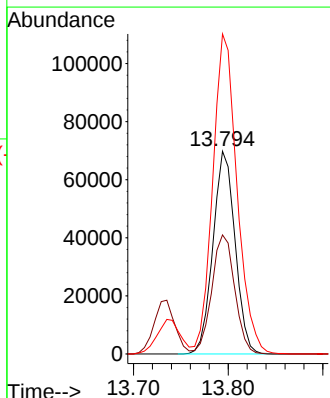
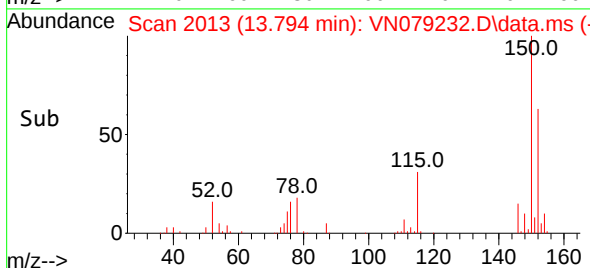
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

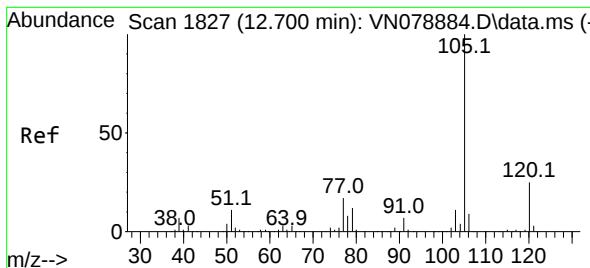


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10



Tgt Ion:152 Resp: 113392
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 173.5 0.0 355.8





#73

Isopropylbenzene

Concen: 44.441 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 45848

Ion Ratio Lower Upper

105 100

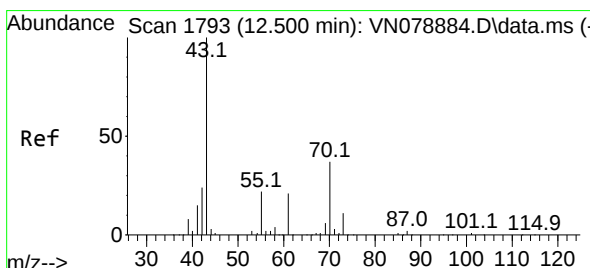
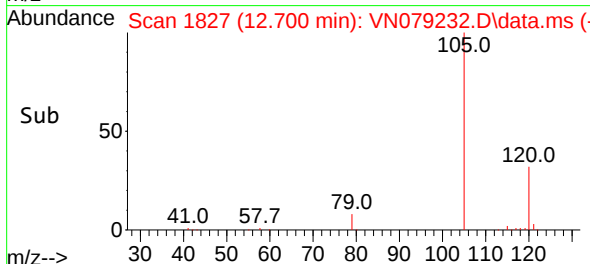
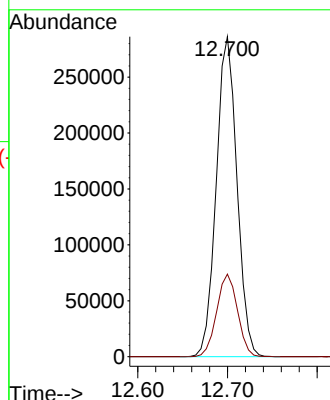
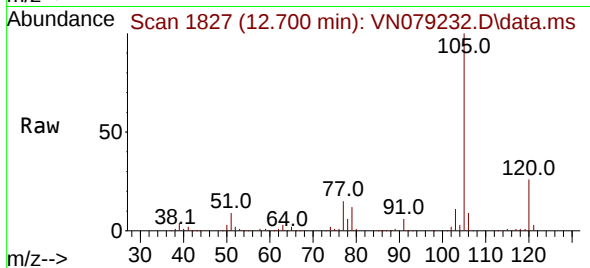
120 25.9 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#74

N-ethyl acetate

Concen: 44.441 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Tgt Ion: 43 Resp: 173943

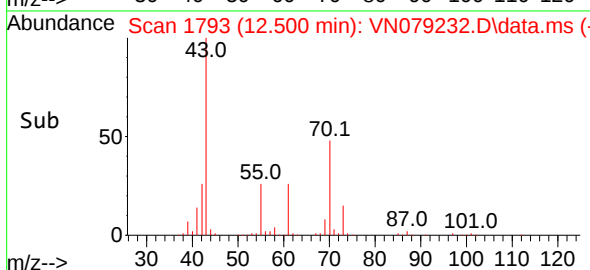
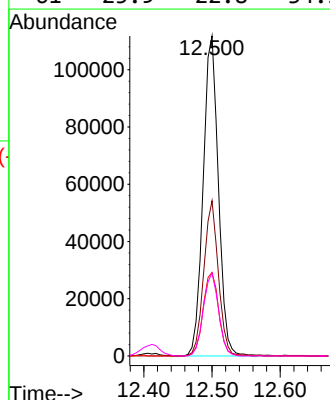
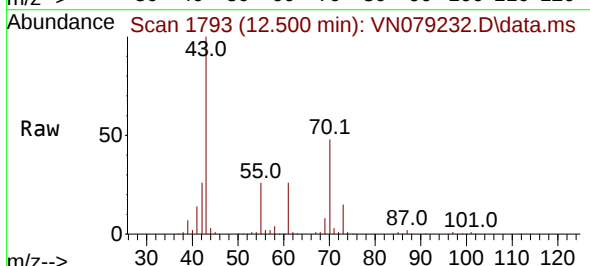
Ion Ratio Lower Upper

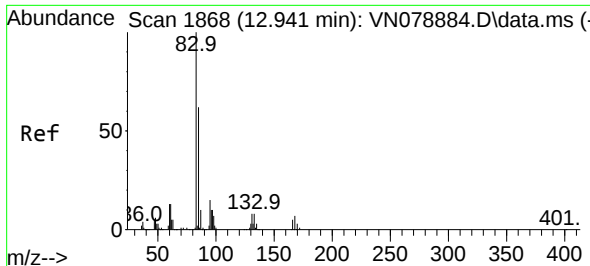
43 100

70 46.4 43.4 65.2

55 27.0 21.4 32.0

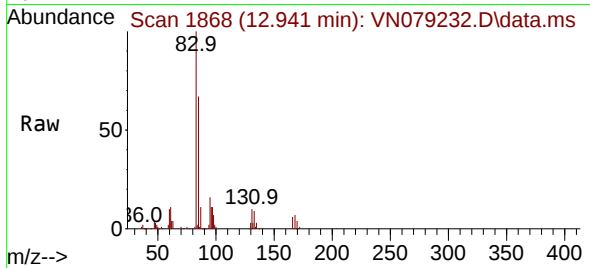
61 25.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 39.493 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

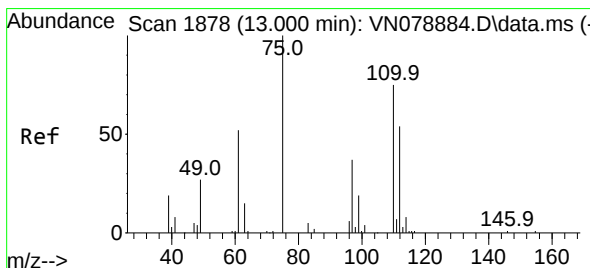
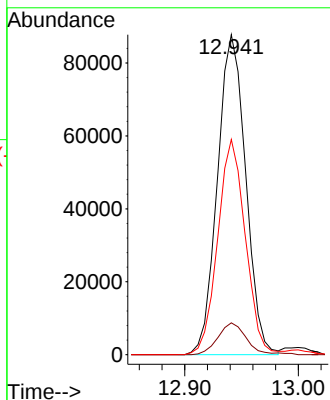
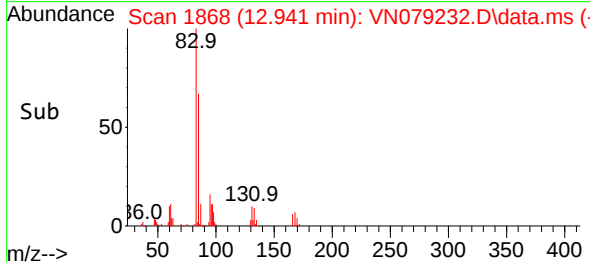
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 151719
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 65.8 31.9 95.7

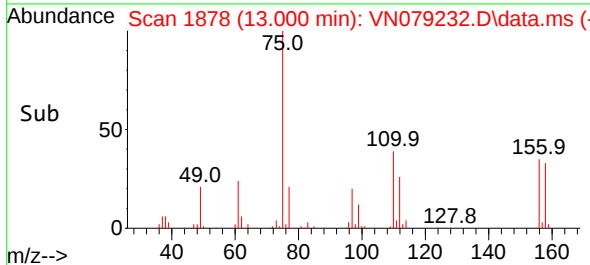
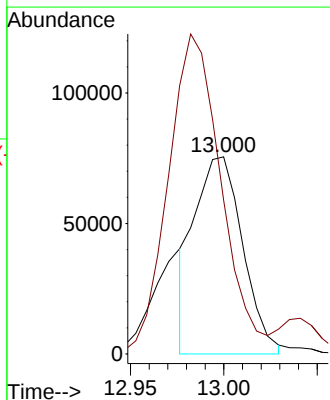
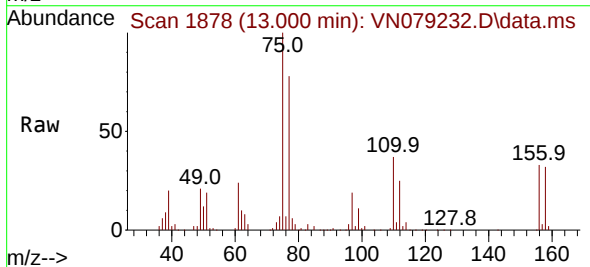
Manual Integrations
APPROVED

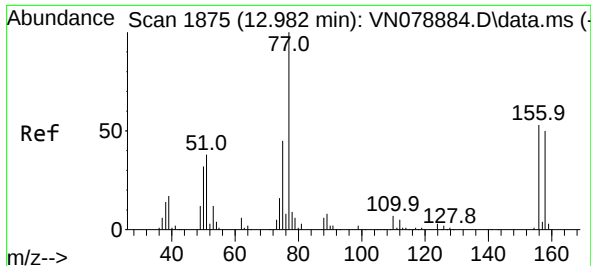
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#76
1,2,3-Trichloropropane
Concen: 44.249 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

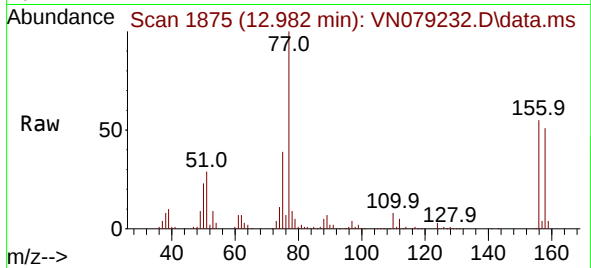
Tgt Ion: 75 Resp: 135229
Ion Ratio Lower Upper
75 100
77 178.4 84.5 253.5





#77
Bromobenzene
Concen: 43.794 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

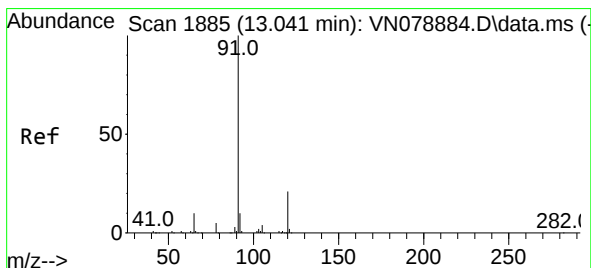
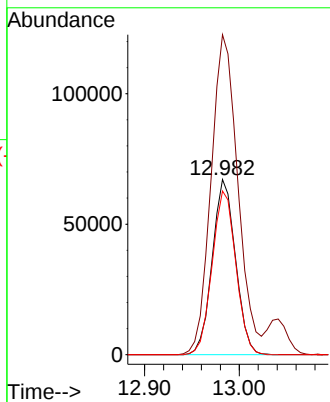
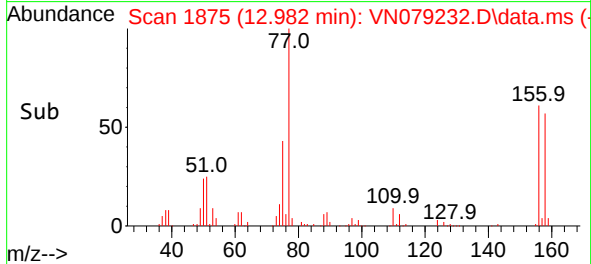
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



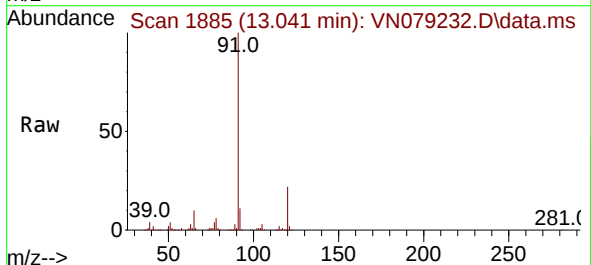
Tgt Ion:156 Resp: 114402
Ion Ratio Lower Upper
156 100
77 210.9 107.7 323.3
158 95.5 48.4 145.3

Manual Integrations
APPROVED

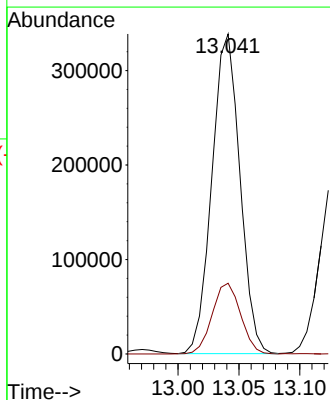
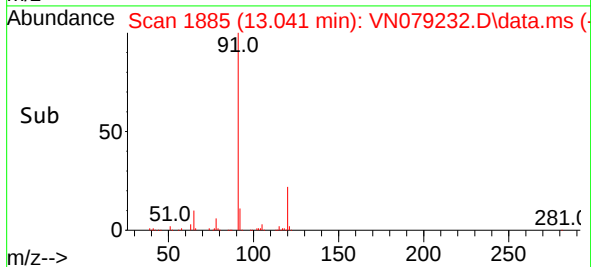
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

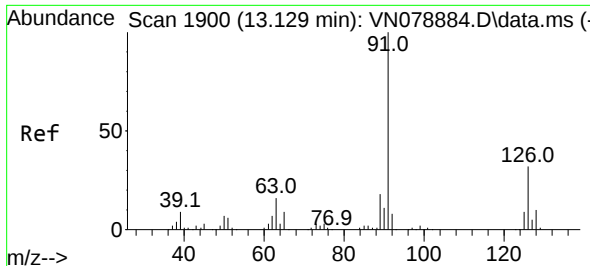


#78
n-propylbenzene
Concen: 46.775 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10



Tgt Ion: 91 Resp: 542084
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





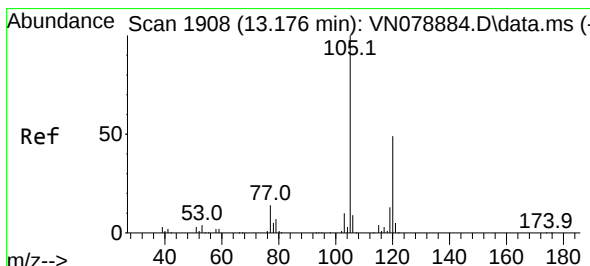
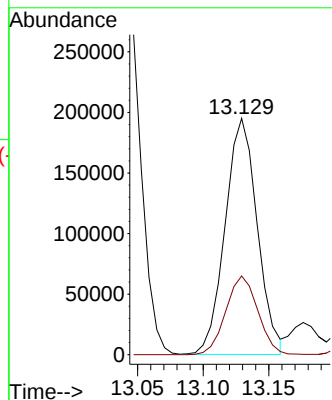
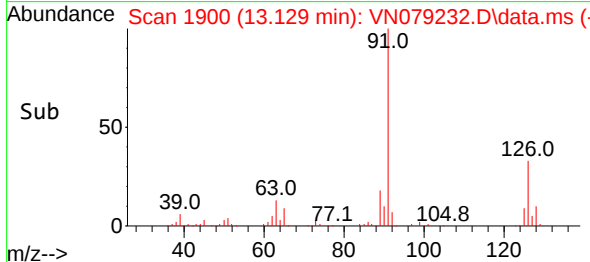
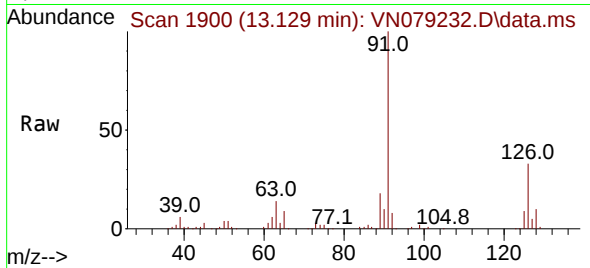
#79
2-Chlorotoluene
Concen: 43.875 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 332568
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

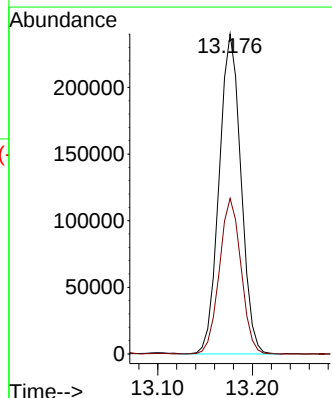
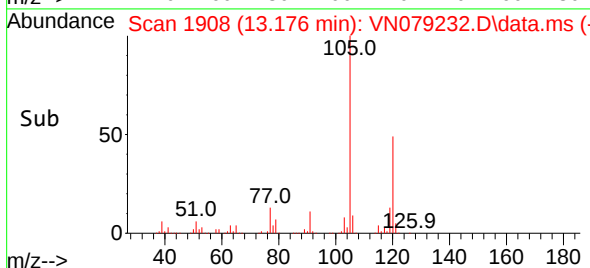
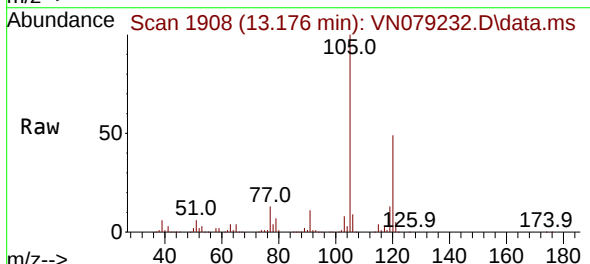
Manual Integrations
APPROVED

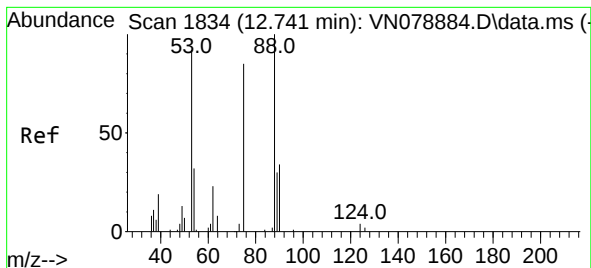
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.741 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

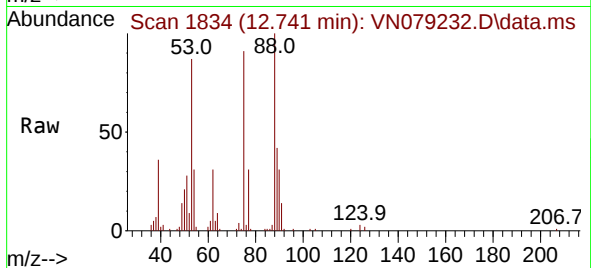
Tgt Ion:105 Resp: 384608
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.463 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

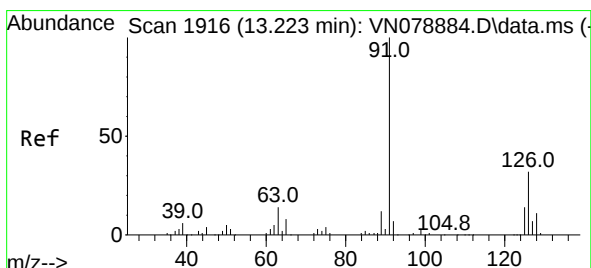
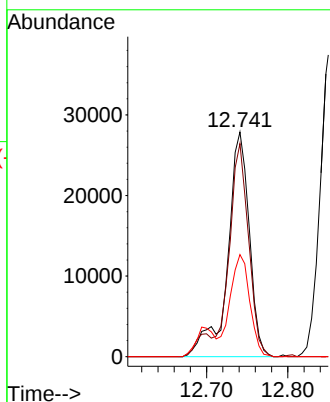
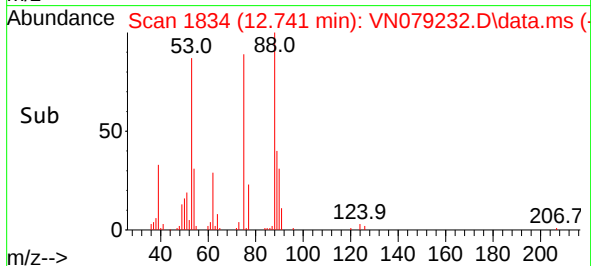
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 51649
Ion Ratio Lower Upper
75 100
53 83.6 67.4 101.2
89 41.9 38.8 58.2

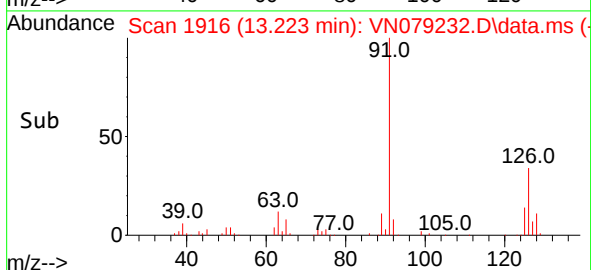
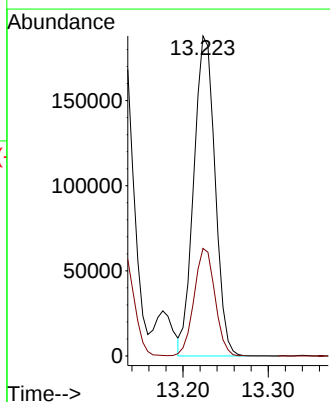
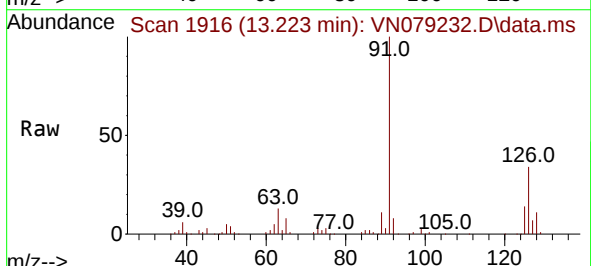
Manual Integrations
APPROVED

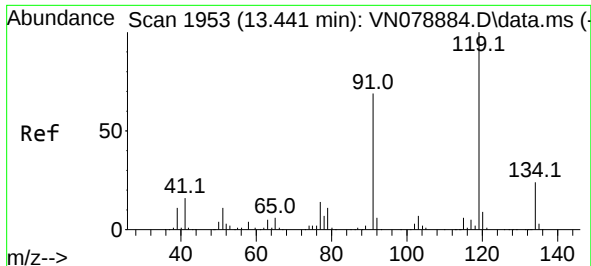
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#82
4-Chlorotoluene
Concen: 45.700 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

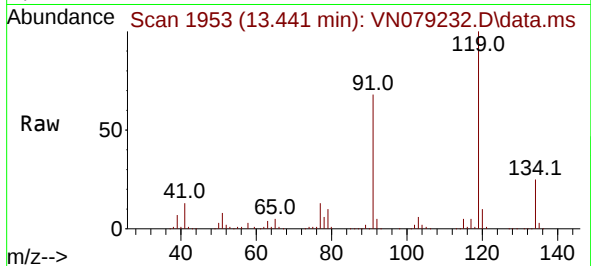
Tgt Ion: 91 Resp: 325493
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





#83
 tert-Butylbenzene
 Concen: 44.087 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079232.D
 Acq: 12 Sep 2023 11:10

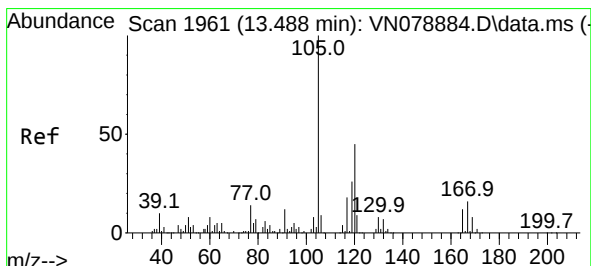
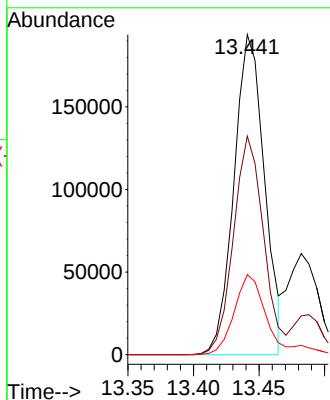
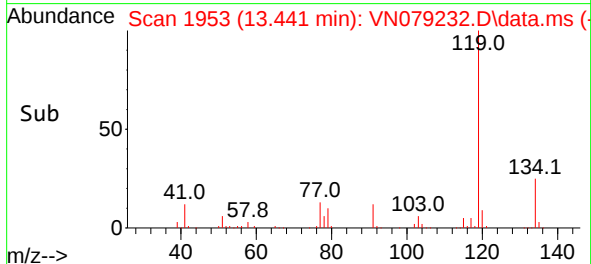
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



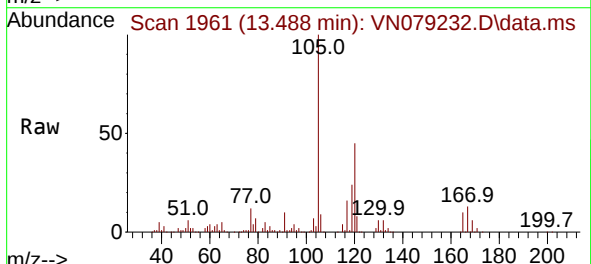
Tgt Ion:119 Resp: 31352
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.9 101.7
 134 27.2 13.2 39.6

Manual Integrations
 APPROVED

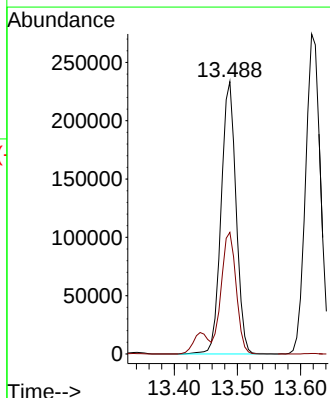
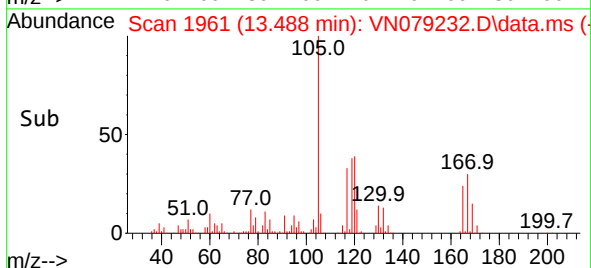
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023

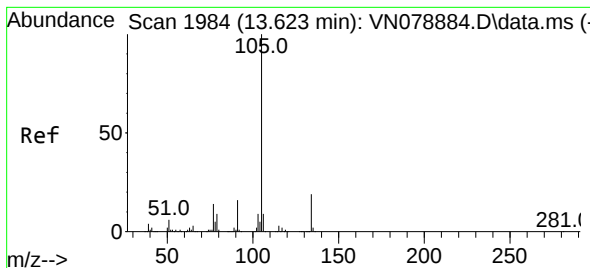


#84
 1,2,4-Trimethylbenzene
 Concen: 46.838 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079232.D
 Acq: 12 Sep 2023 11:10



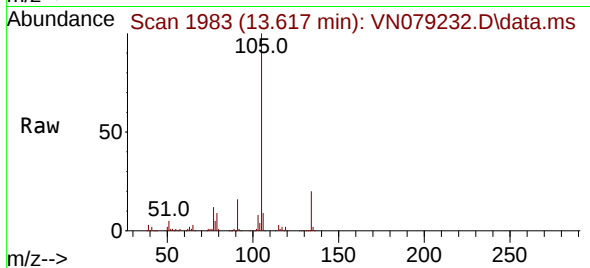
Tgt Ion:105 Resp: 383455
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 45.637 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079232.D
 Acq: 12 Sep 2023 11:10

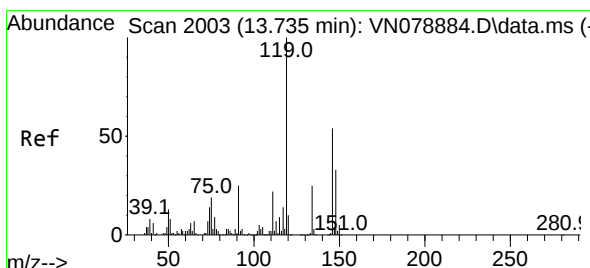
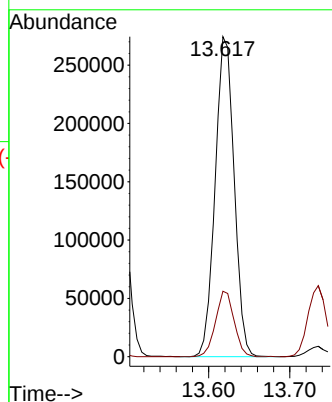
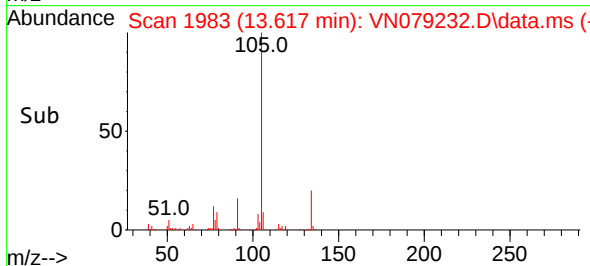
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



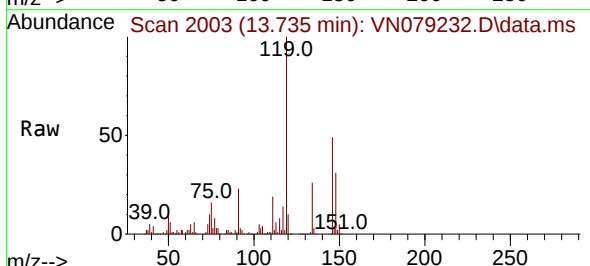
Tgt Ion:105 Resp: 446799
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations
 APPROVED

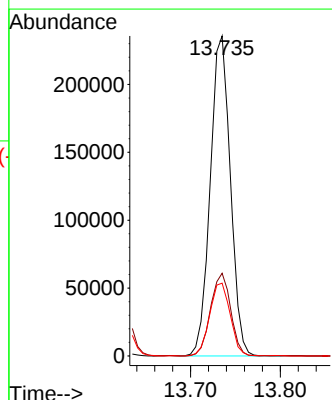
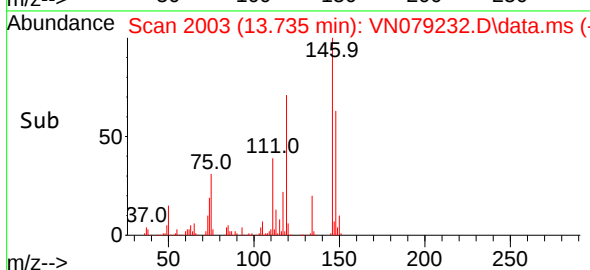
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#86
 p-Isopropyltoluene
 Concen: 46.913 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079232.D
 Acq: 12 Sep 2023 11:10



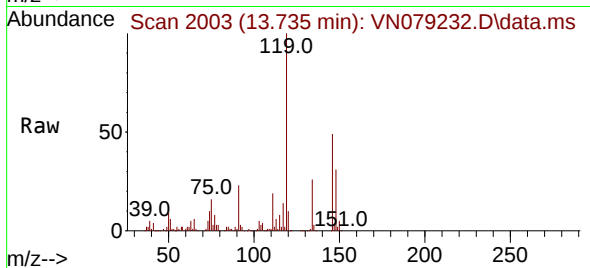
Tgt Ion:119 Resp: 366939
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 23.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 45.372 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

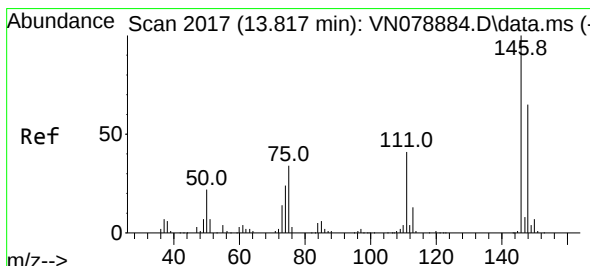
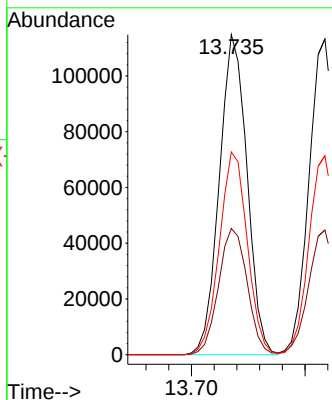
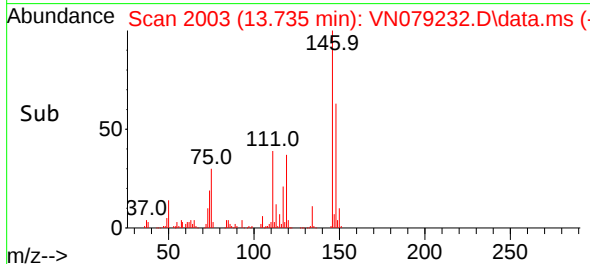
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



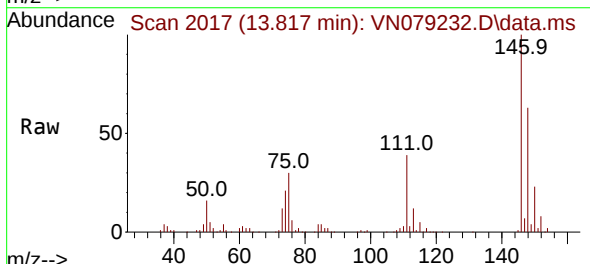
Tgt Ion:146 Resp: 19440
Ion Ratio Lower Upper
146 100
111 40.8 22.1 66.3
148 64.0 32.0 96.0

Manual Integrations
APPROVED

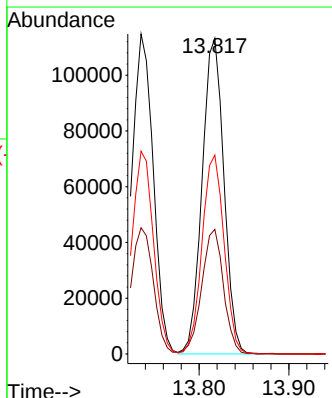
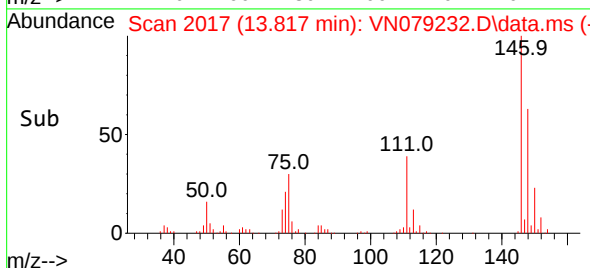
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

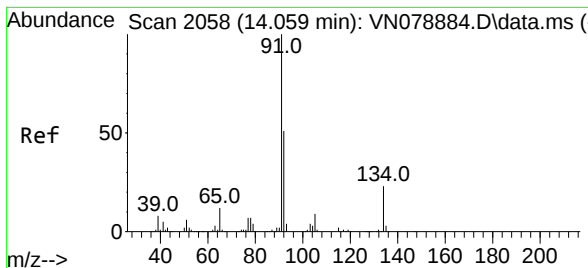


#88
1,4-Dichlorobenzene
Concen: 44.127 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10



Tgt Ion:146 Resp: 191048
Ion Ratio Lower Upper
146 100
111 39.5 20.6 61.8
148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 48.281 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

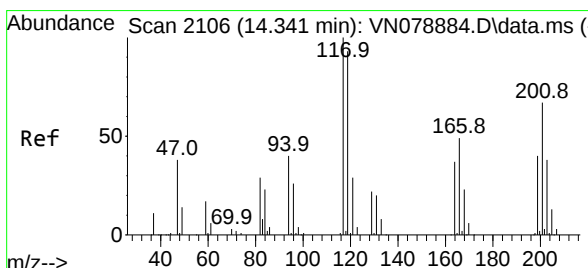
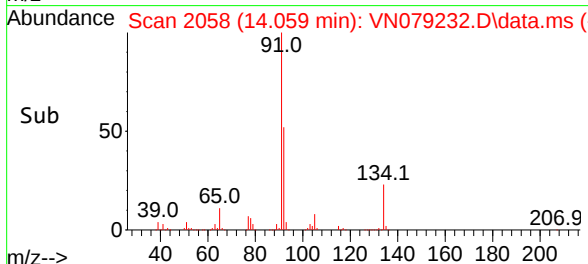
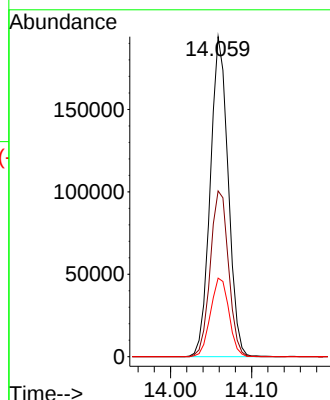
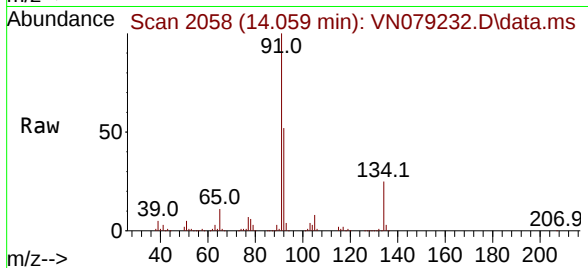
Tgt Ion:	91	Resp:	29696
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.4	79.0
134	25.3	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#90

Hexachloroethane

Concen: 41.782 ug/l

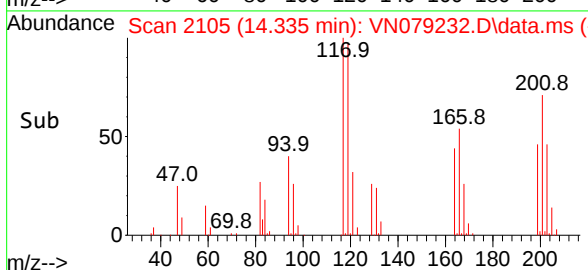
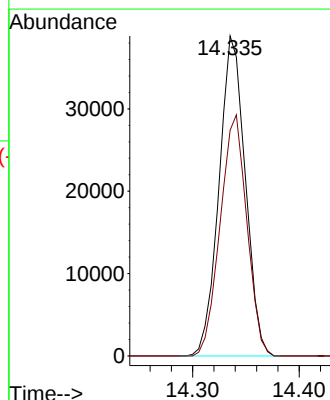
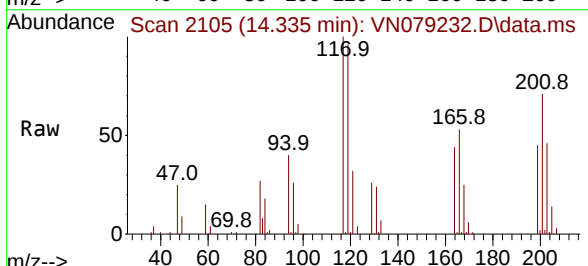
RT: 14.335 min Scan# 2105

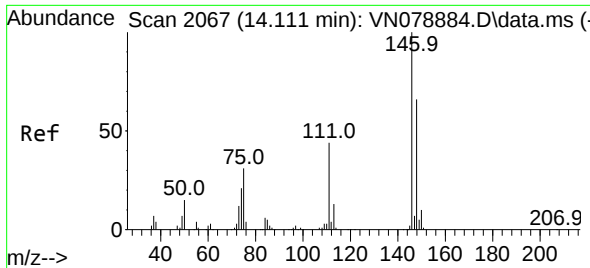
Delta R.T. 0.000 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Tgt Ion:	117	Resp:	66365
Ion Ratio	Lower	Upper	
117	100		
201	76.6	29.3	88.0





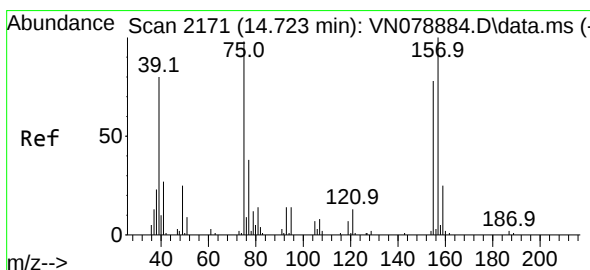
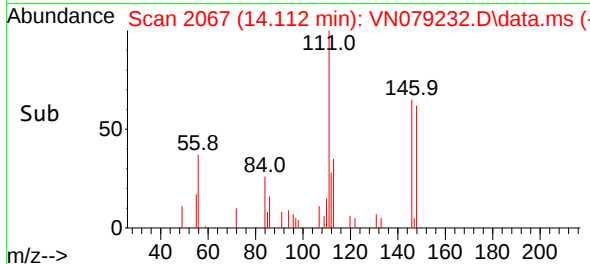
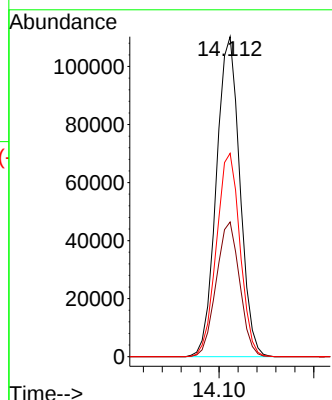
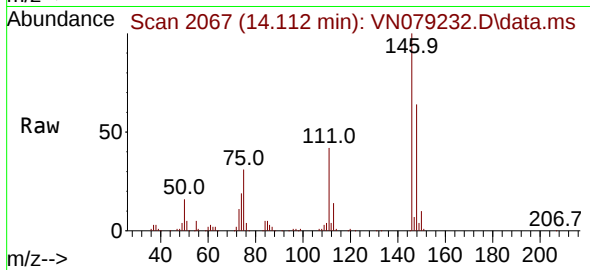
#91
1,2-Dichlorobenzene
Concen: 44.888 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 189860
Ion Ratio Lower Upper
146 100
111 42.1 22.0 66.0
148 63.8 31.8 95.3

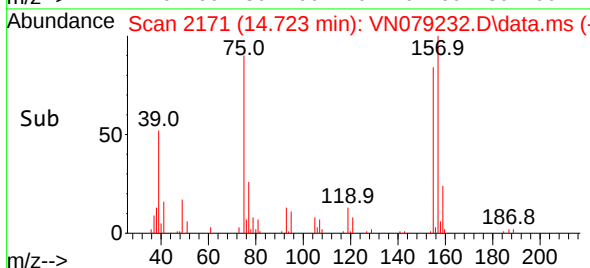
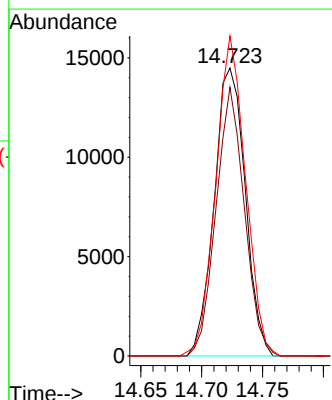
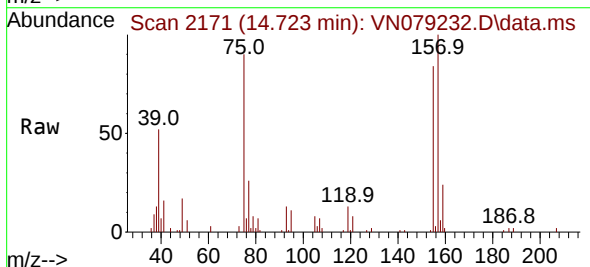
Manual Integrations
APPROVED

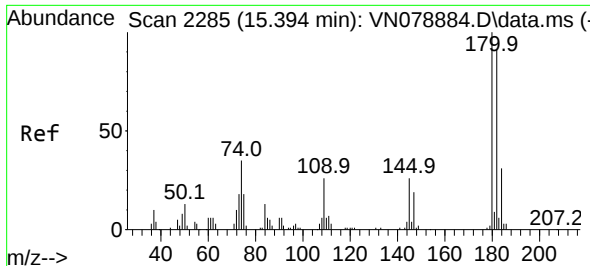
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.017 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

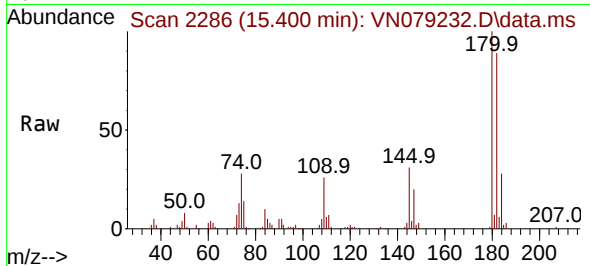
Tgt Ion: 75 Resp: 25706
Ion Ratio Lower Upper
75 100
155 85.3 39.1 117.2
157 106.4 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 49.315 ug/l
RT: 15.400 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

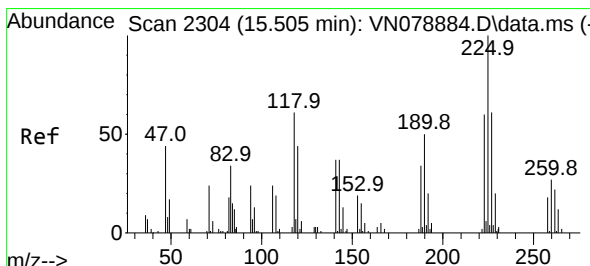
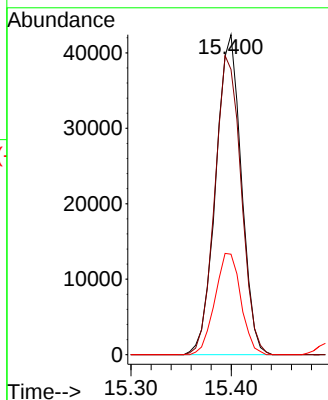
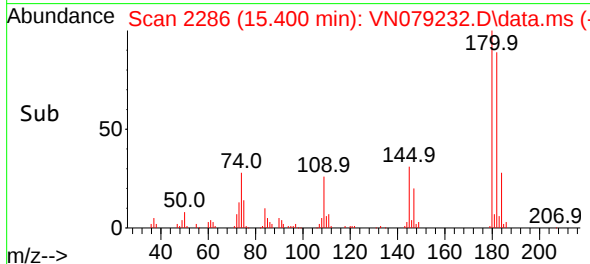
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 74955
Ion Ratio Lower Upper
180 100
182 96.0 46.1 138.2
145 32.1 16.6 49.8

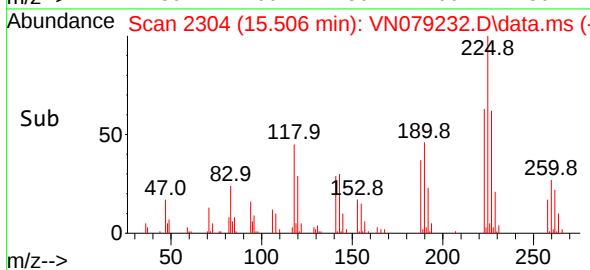
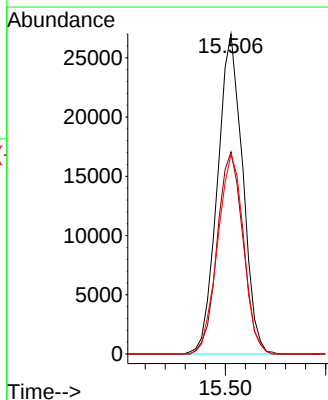
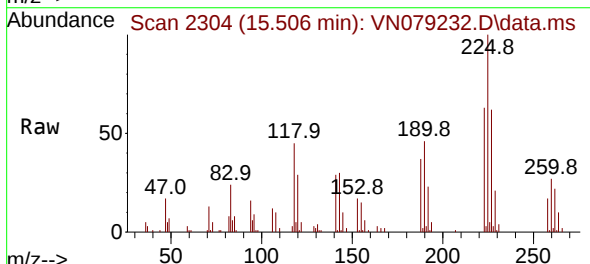
Manual Integrations
APPROVED

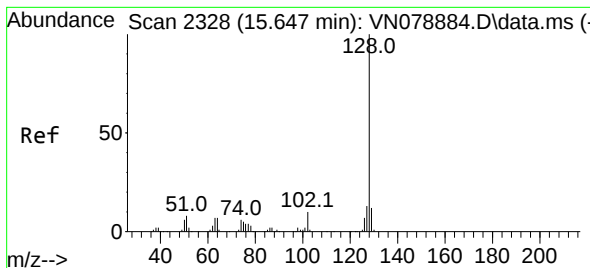
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#94
Hexachlorobutadiene
Concen: 39.354 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079232.D
Acq: 12 Sep 2023 11:10

Tgt Ion:225 Resp: 47055
Ion Ratio Lower Upper
225 100
223 64.7 31.3 93.8
227 64.3 31.9 95.9





#95

Naphthalene

Concen: 44.192 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

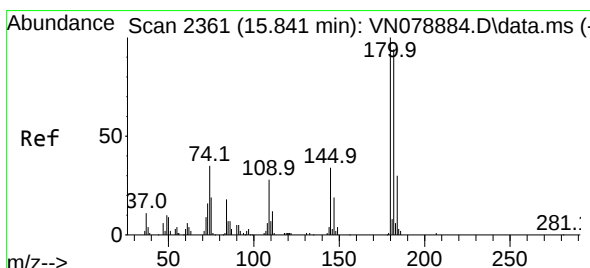
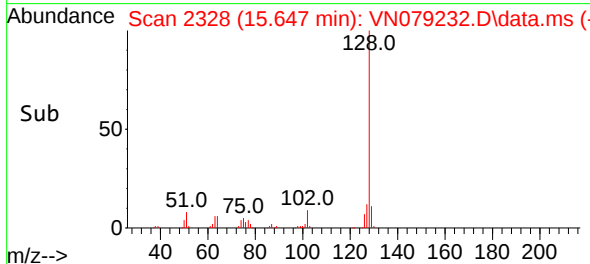
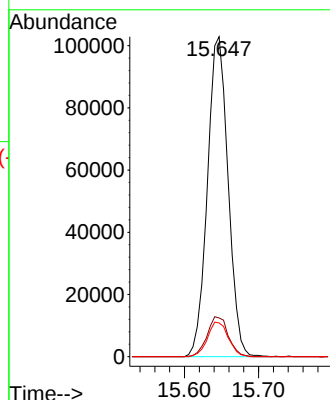
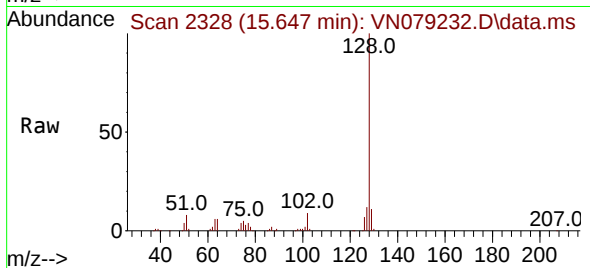
Tgt Ion:	128	Resp:	19950
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 44.343 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079232.D

Acq: 12 Sep 2023 11:10

Tgt Ion:	180	Resp:	79505
Ion Ratio	Lower	Upper	
180	100		
182	92.8	46.2	138.6
145	33.0	17.5	52.6

