

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
 Data File : VN079318.D
 Acq On : 21 Sep 2023 12:00
 Operator : JC\MD
 Sample : VN0921WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/22/2023
 Supervised By : Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 02:28:13 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	162085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	283502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	260226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	126475	57.804	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.600%			
35) Dibromofluoromethane	8.171	113	97395	51.647	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.300%			
50) Toluene-d8	10.571	98	356938	51.548	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.100%			
62) 4-Bromofluorobenzene	12.853	95	110567	50.059	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	29225	18.223	ug/l	96
3) Chloromethane	2.365	50	37382	17.756	ug/l	97
4) Vinyl Chloride	2.518	62	42731	18.628	ug/l	96
5) Bromomethane	2.959	94	26493	20.092	ug/l	88
6) Chloroethane	3.124	64	29382	19.430	ug/l	99
7) Trichlorofluoromethane	3.501	101	60471	18.002	ug/l	98
8) Diethyl Ether	3.965	74	20335	17.441	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.377	101	32886	18.409	ug/l	99
10) Methyl Iodide	4.595	142	31748	21.726	ug/l	94
11) Tert butyl alcohol	5.524	59	29000	71.791	ug/l #	91
12) 1,1-Dichloroethene	4.348	96	28284	16.361	ug/l	89
13) Acrolein	4.183	56	43566	113.063	ug/l	94
14) Allyl chloride	5.030	41	46938	17.021	ug/l #	90
15) Acrylonitrile	5.718	53	94812	90.519	ug/l	97
16) Acetone	4.430	43	88718	95.472	ug/l	92
17) Carbon Disulfide	4.712	76	75094	13.899	ug/l	98
18) Methyl Acetate	5.030	43	72781	19.057	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	108475	18.296	ug/l	94
20) Methylene Chloride	5.283	84	40496	17.908	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	32817	16.365	ug/l #	74
22) Diisopropyl ether	6.677	45	123361	20.388	ug/l #	89
23) Vinyl Acetate	6.612	43	338999m	91.088	ug/l	
24) 1,1-Dichloroethane	6.577	63	71172	19.081	ug/l	99
25) 2-Butanone	7.489	43	125042	92.742	ug/l #	83
26) 2,2-Dichloropropane	7.500	77	54995	17.967	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	40423	17.629	ug/l	87
28) Bromochloromethane	7.818	49	30286	17.958	ug/l #	72
29) Tetrahydrofuran	7.841	42	76570	89.241	ug/l #	76
30) Chloroform	7.965	83	73496	18.925	ug/l	91
31) Cyclohexane	8.259	56	56136	17.571	ug/l #	82
32) 1,1,1-Trichloroethane	8.177	97	60468	18.266	ug/l	96
36) 1,1-Dichloropropene	8.377	75	50871	17.501	ug/l	94
37) Ethyl Acetate	7.565	43	50127	17.290	ug/l #	91
38) Carbon Tetrachloride	8.365	117	51048	16.971	ug/l	98
39) Methylcyclohexane	9.606	83	45913	16.013	ug/l #	84
40) Benzene	8.606	78	157663	17.719	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	27284	18.665	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	58653	19.147	ug/l	96
43) Isopropyl Acetate	8.688	43	81136	17.151	ug/l #	92
44) Trichloroethene	9.359	130	35689	16.281	ug/l	90
45) 1,2-Dichloropropane	9.624	63	41549	18.815	ug/l	98
46) Dibromomethane	9.712	93	28436	18.968	ug/l	97
47) Bromodichloromethane	9.894	83	59450	19.361	ug/l	99
48) Methyl methacrylate	9.683	41	37174	17.544	ug/l #	82
49) 1,4-Dioxane	9.700	88	14160	324.897	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	253811	92.426	ug/l	89
52) Toluene	10.635	92	96374	17.624	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	56672	17.504	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	62953	18.179	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	40516	18.882	ug/l	97
56) Ethyl methacrylate	10.877	69	52244	17.248	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	68646	18.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	114708	96.622	ug/l	89
59) 2-Hexanone	11.200	43	177531	89.257	ug/l	87
60) Dibromochloromethane	11.359	129	39341	17.227	ug/l	95
61) 1,2-Dibromoethane	11.471	107	38663	18.055	ug/l	95
64) Tetrachloroethene	11.106	164	32399	17.075	ug/l	97
65) Chlorobenzene	11.894	112	95711	16.236	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	36649	16.579	ug/l	98
67) Ethyl Benzene	11.965	91	170553	16.914	ug/l	93
68) m/p-Xylenes	12.071	106	128138	34.093	ug/l	96
69) o-Xylene	12.400	106	60773	16.860	ug/l	94
70) Styrene	12.418	104	99864	17.226	ug/l	100
71) Bromoform	12.582	173	25256	15.476	ug/l #	96
73) Isopropylbenzene	12.700	105	153166	16.519	ug/l	99
74) N-amyl acetate	12.500	43	58074	16.509	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	57513	16.657	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	50652m	18.441	ug/l	
77) Bromobenzene	12.982	156	36959	15.742	ug/l	94
78) n-propylbenzene	13.041	91	184033	17.669	ug/l	97
79) 2-Chlorotoluene	13.129	91	115394	16.939	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	131365	17.003	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	16733	16.749	ug/l	87
82) 4-Chlorotoluene	13.223	91	106157	16.584	ug/l	98
83) tert-Butylbenzene	13.441	119	103590	16.208	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	127869	17.378	ug/l	99
85) sec-Butylbenzene	13.618	105	150853	17.144	ug/l	100
86) p-Isopropyltoluene	13.735	119	118541	16.863	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	61762	16.038	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	60631	15.582	ug/l	99
89) n-Butylbenzene	14.059	91	91629	16.575	ug/l	97
90) Hexachloroethane	14.335	117	24193	16.947	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	62292	16.386	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8444	16.088	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	17486	12.800	ug/l	99
94) Hexachlorobutadiene	15.506	225	15215	14.158	ug/l	96
95) Naphthalene	15.641	128	42680	10.519	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	20588	12.776	ug/l	99

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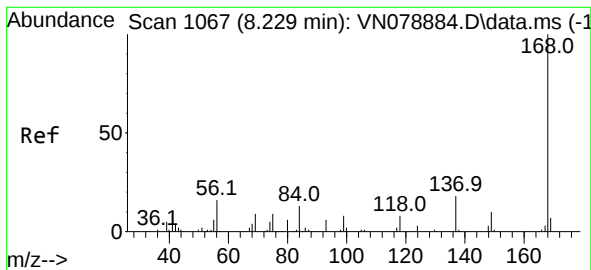
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

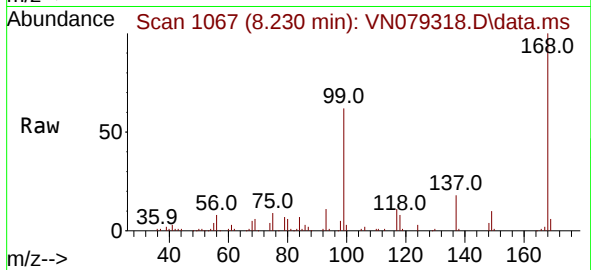
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079318.D
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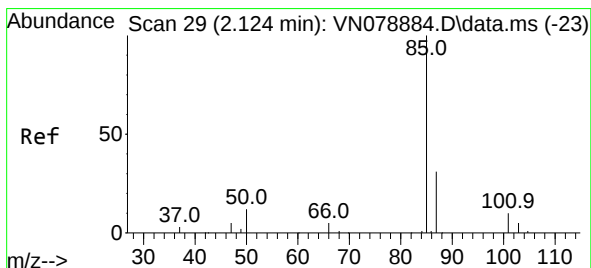
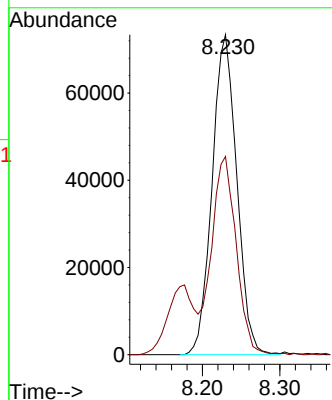
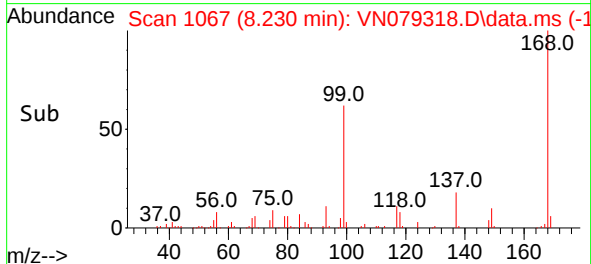
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 162085
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6

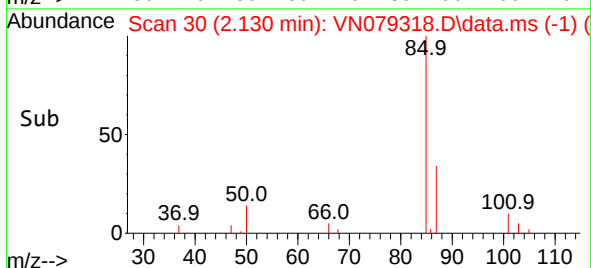
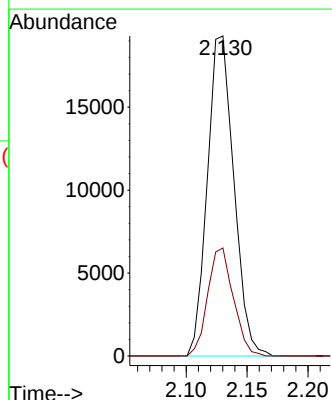
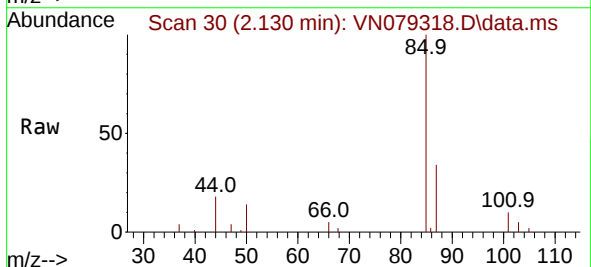
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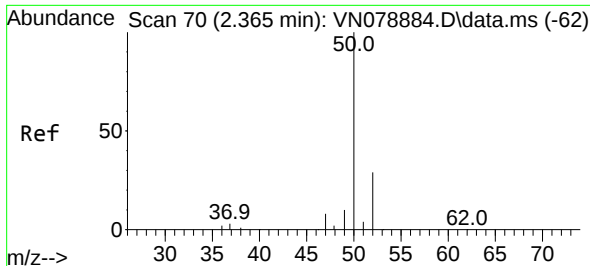
Reviewed By :John Carlone 09/22/2023
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#2
Dichlorodifluoromethane
Concen: 18.223 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Tgt Ion: 85 Resp: 29225
Ion Ratio Lower Upper
85 100
87 33.8 15.8 47.4





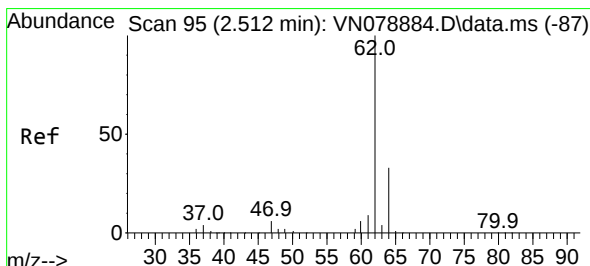
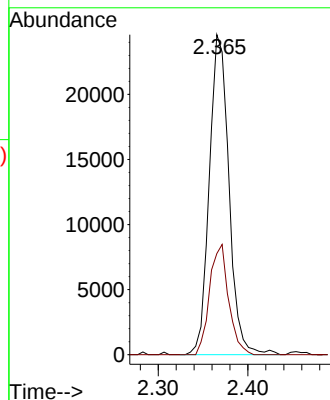
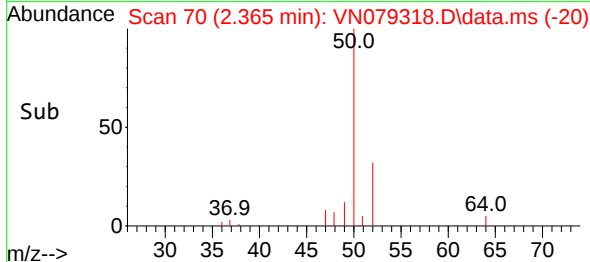
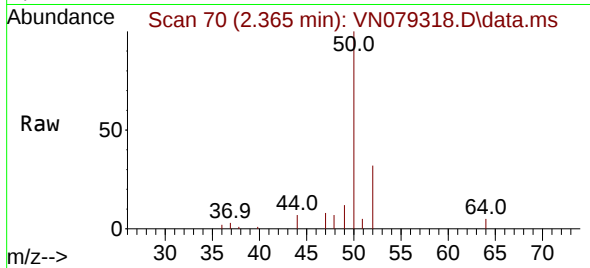
#3
Chloromethane
Concen: 17.756 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

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Tgt Ion: 50 Resp: 3738
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7

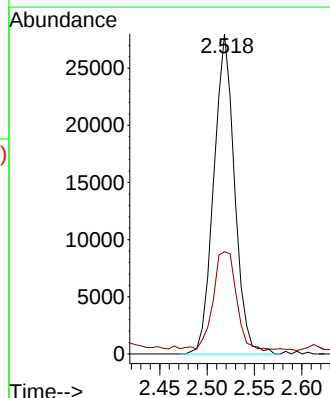
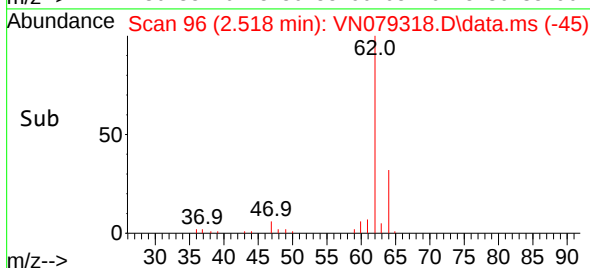
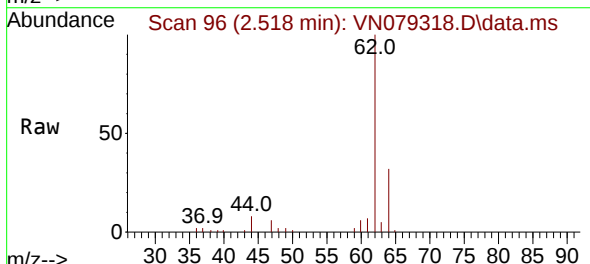
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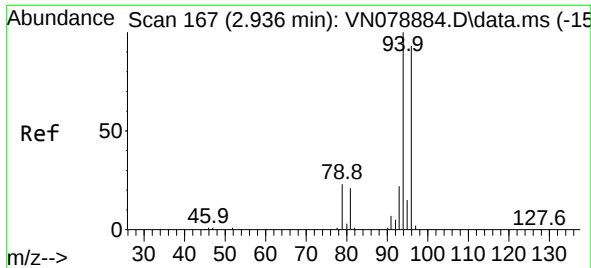
Reviewed By :John Carlone 09/22/2023
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#4
Vinyl Chloride
Concen: 18.628 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Tgt Ion: 62 Resp: 42731
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2





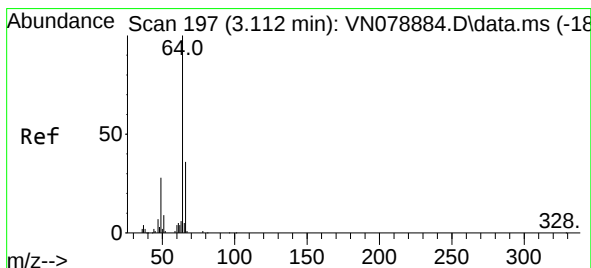
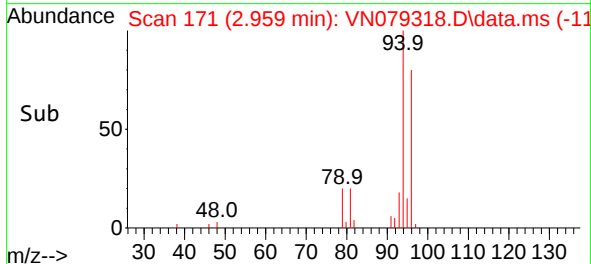
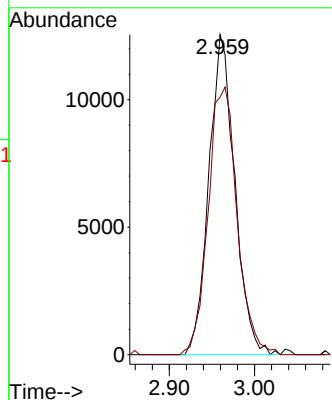
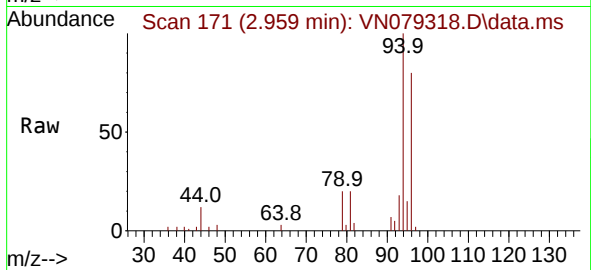
#5
Bromomethane
Concen: 20.092 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
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Tgt Ion: 94 Resp: 2649
Ion Ratio Lower Upper
94 100
96 80.4 73.1 109.7

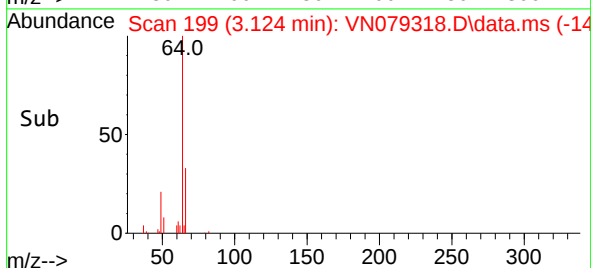
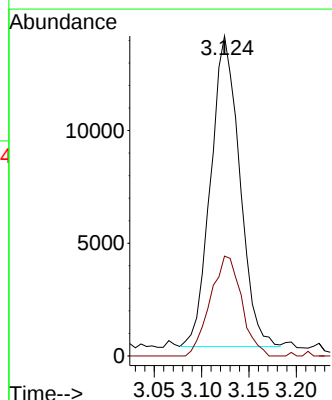
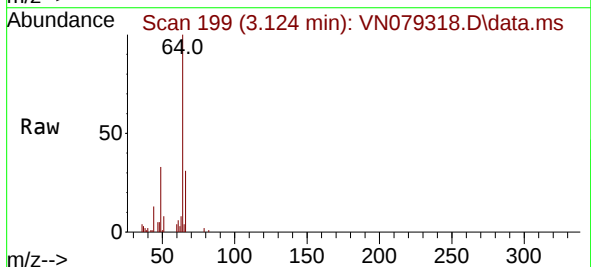
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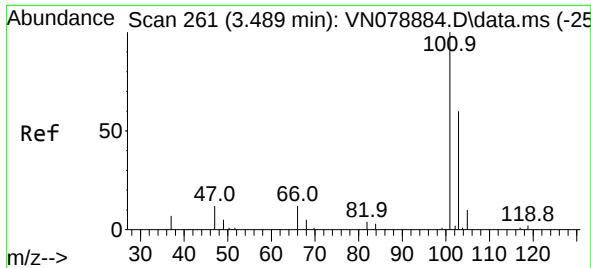
Reviewed By :John Carlone 09/22/2023
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#6
Chloroethane
Concen: 19.430 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

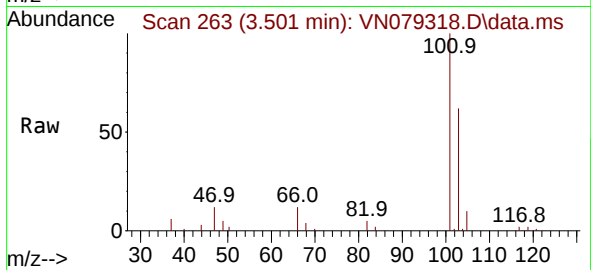
Tgt Ion: 64 Resp: 29382
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 18.002 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079318.D
 Acq: 21 Sep 2023 12:00

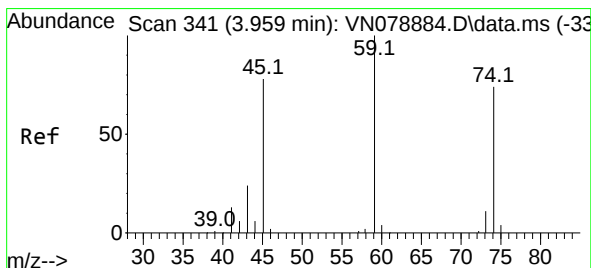
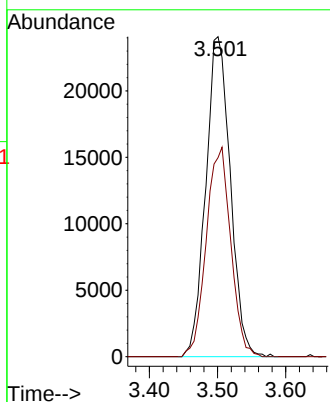
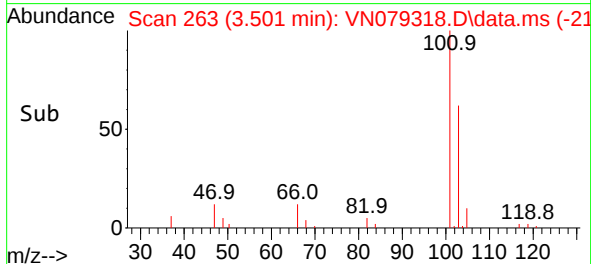
Instrument :
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 VN0921WBSD01



Tgt Ion:101 Resp: 6047
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.7 76.1

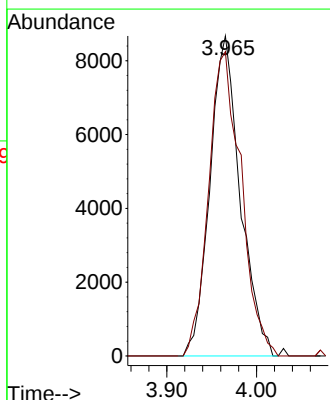
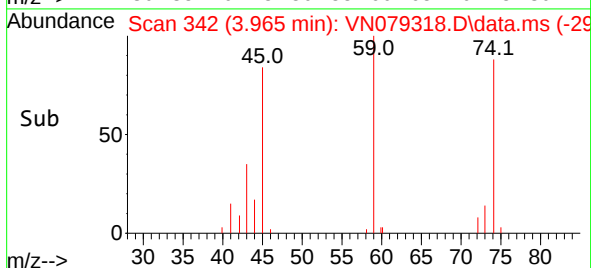
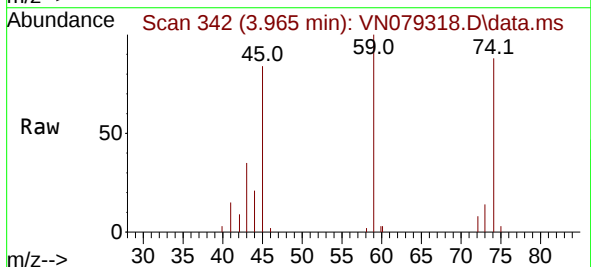
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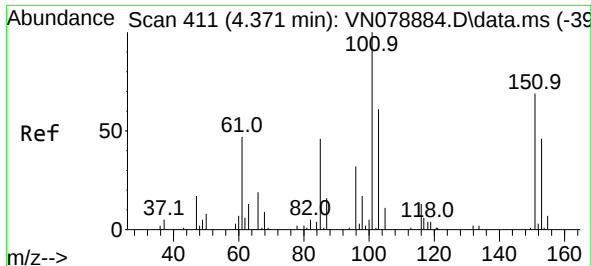
Reviewed By :John Carlone 09/22/2023
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#8
 Diethyl Ether
 Concen: 17.441 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN079318.D
 Acq: 21 Sep 2023 12:00

Tgt Ion: 74 Resp: 20335
 Ion Ratio Lower Upper
 74 100
 45 101.8 34.4 103.3





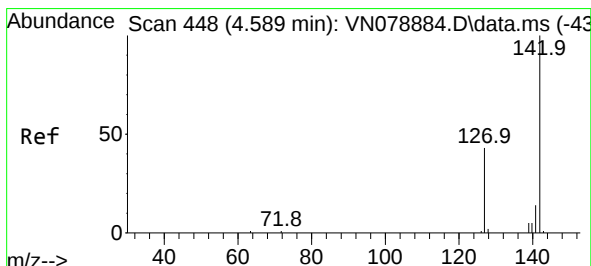
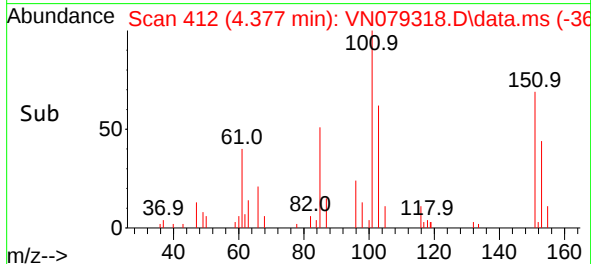
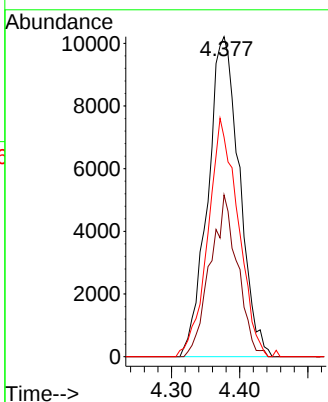
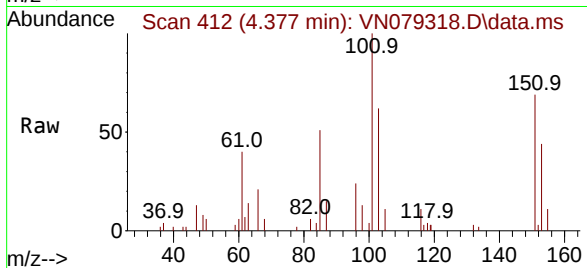
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.409 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tgt Ion:101 Resp: 3288
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 71.4 57.6 86.4

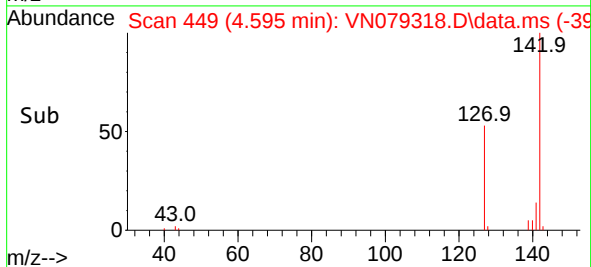
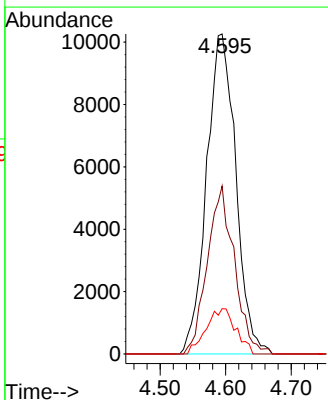
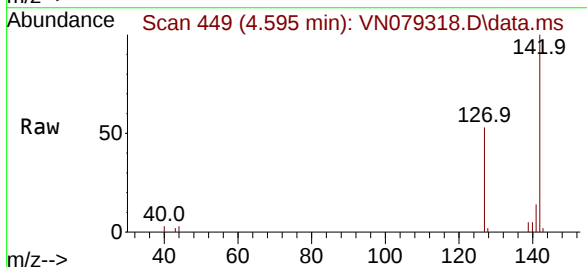
Manual Integrations
APPROVED

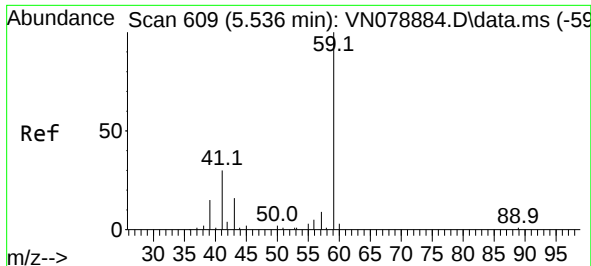
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#10
Methyl Iodide
Concen: 21.726 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

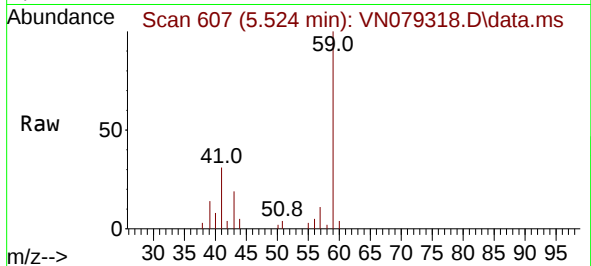
Tgt Ion:142 Resp: 31748
Ion Ratio Lower Upper
142 100
127 52.5 37.6 56.4
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 71.791 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

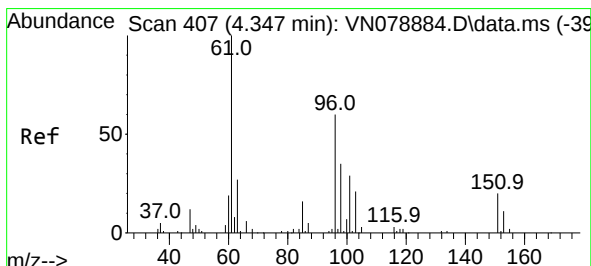
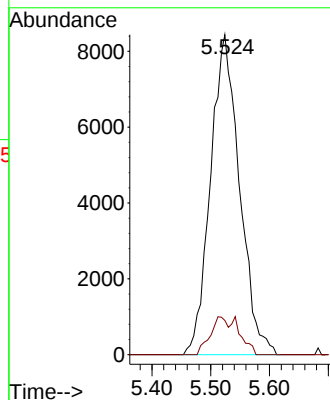
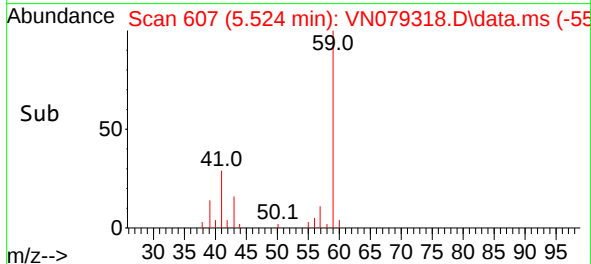
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



Tgt Ion: 59 Resp: 29000
Ion Ratio Lower Upper
59 100
57 7.1 8.2 12.4

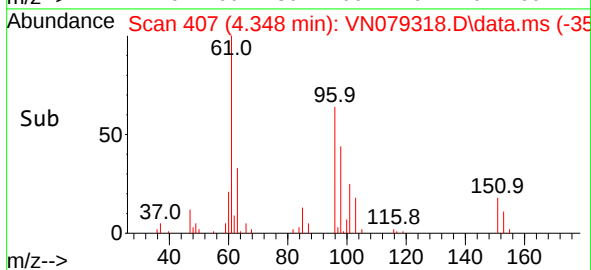
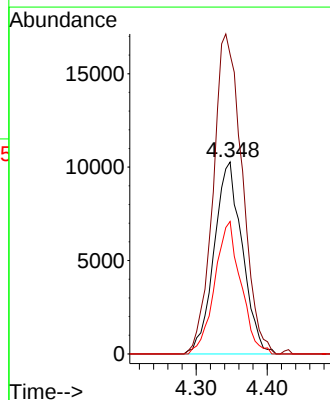
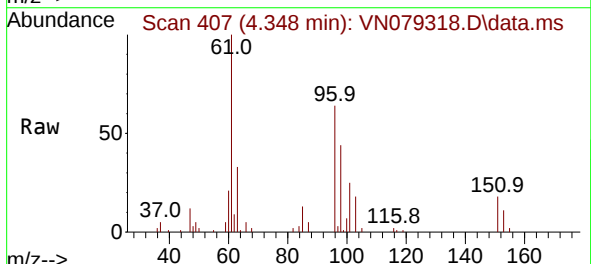
Manual Integrations
APPROVED

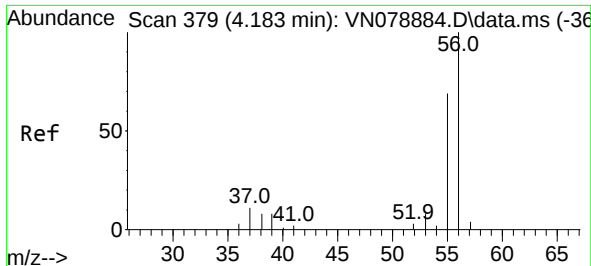
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#12
1,1-Dichloroethene
Concen: 16.361 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

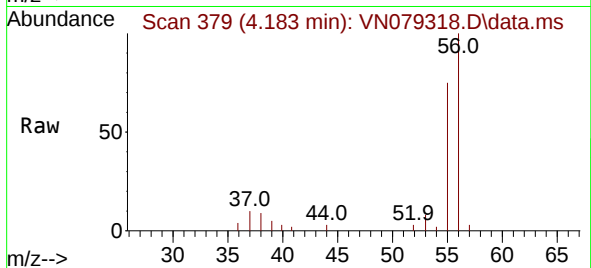
Tgt Ion: 96 Resp: 28284
Ion Ratio Lower Upper
96 100
61 156.1 112.7 169.1
98 69.0 51.2 76.8





#13
Acrolein
Concen: 113.063 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

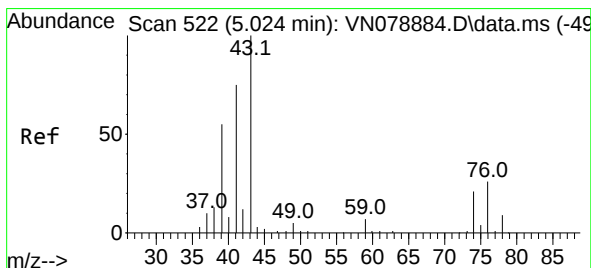
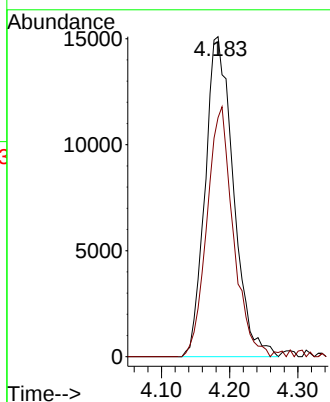
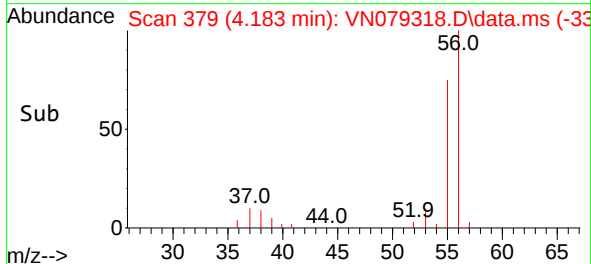
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



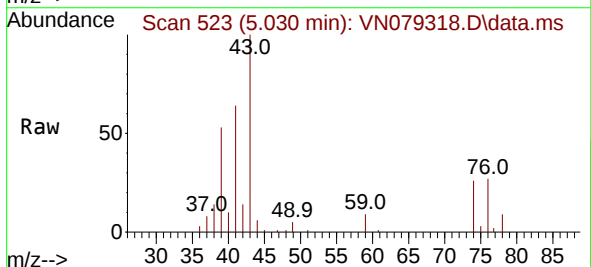
Tgt Ion: 56 Resp: 43560
Ion Ratio Lower Upper
56 100
55 72.6 54.5 81.7

Manual Integrations
APPROVED

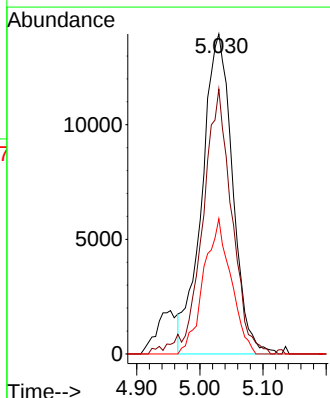
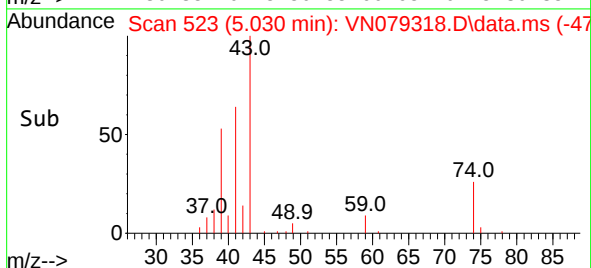
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

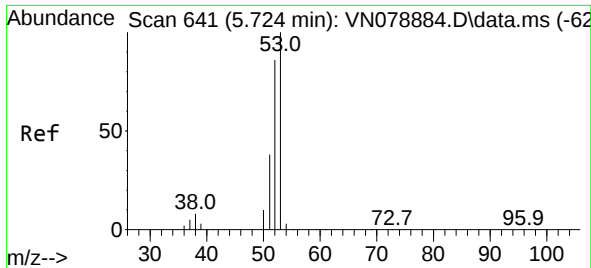


#14
Allyl chloride
Concen: 17.021 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00



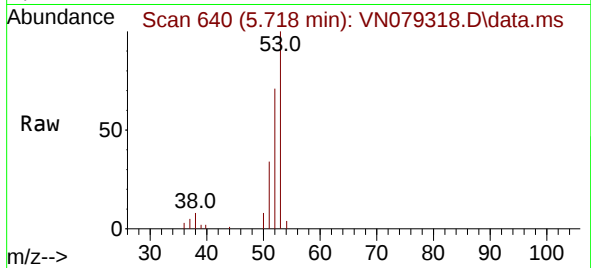
Tgt Ion: 41 Resp: 46938
Ion Ratio Lower Upper
41 100
39 79.0 58.8 88.2
76 37.7 39.1 58.7#





#15
Acrylonitrile
Concen: 90.519 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

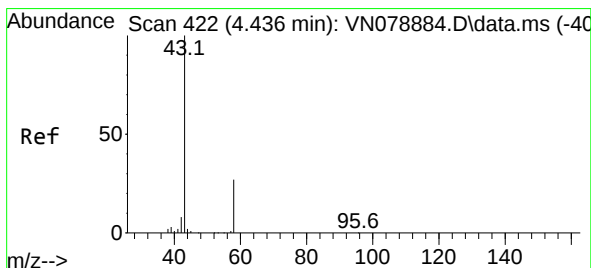
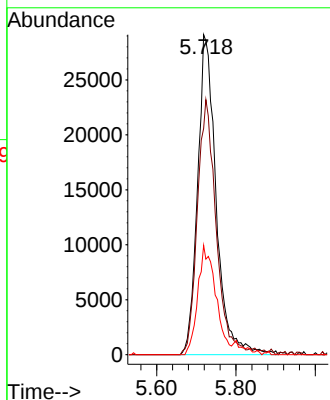
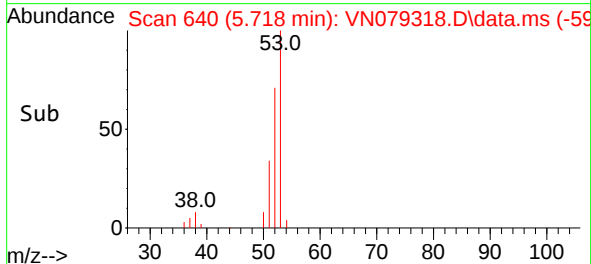
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



Tgt Ion: 53 Resp: 94812
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 33.0 28.9 43.3

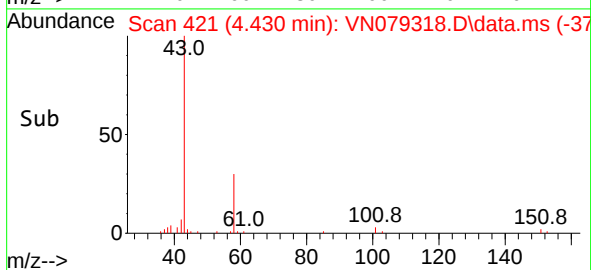
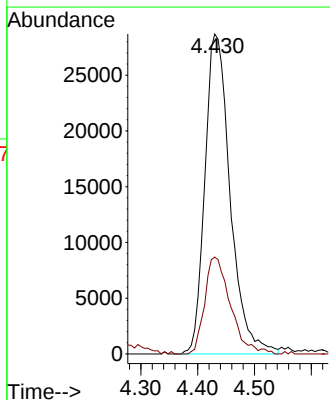
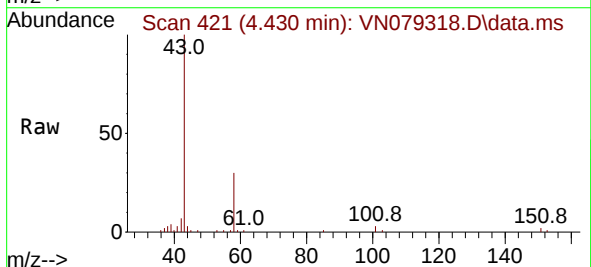
Manual Integrations
APPROVED

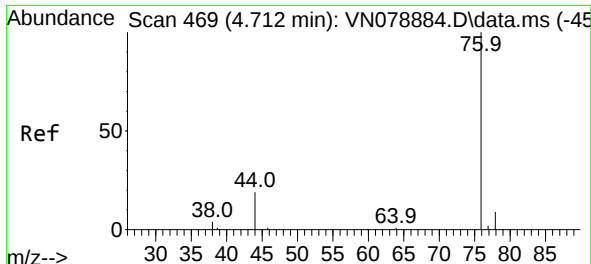
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#16
Acetone
Concen: 95.472 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

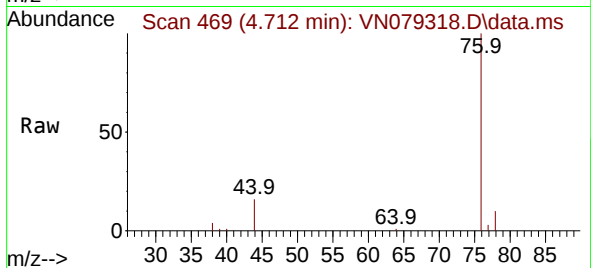
Tgt Ion: 43 Resp: 88718
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0





#17
Carbon Disulfide
Concen: 13.899 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.012 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

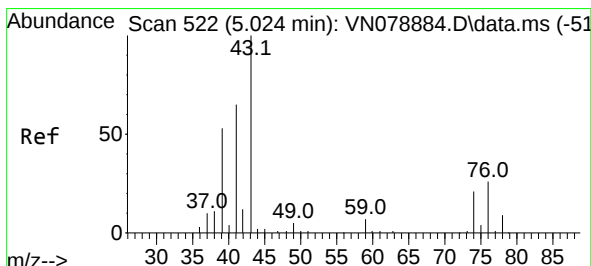
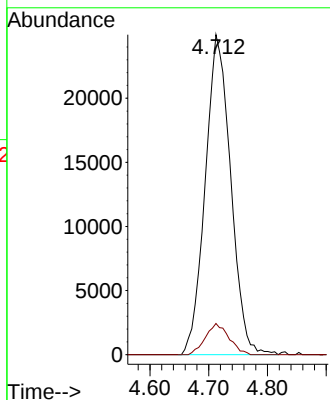
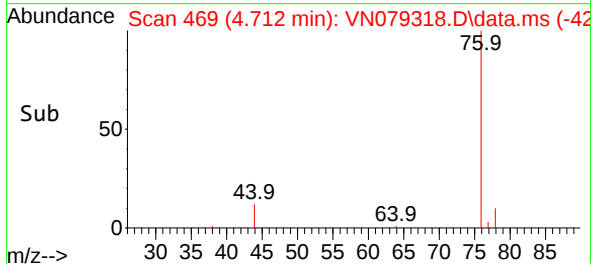
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



Tgt Ion: 76 Resp: 75094
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

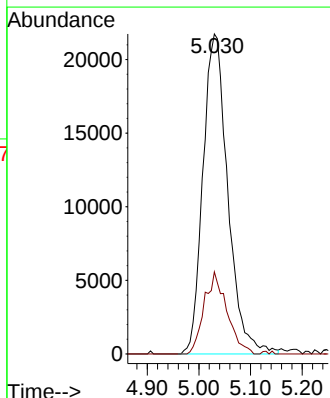
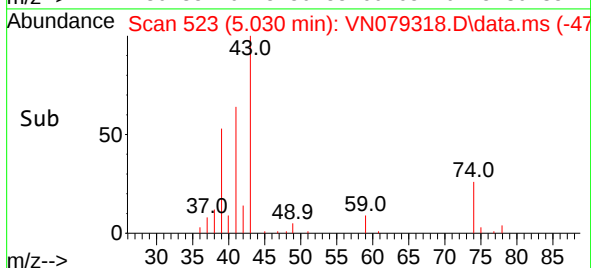
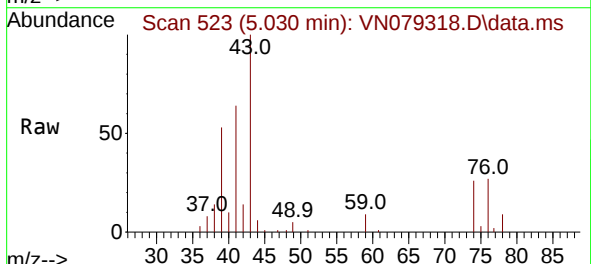
Manual Integrations
APPROVED

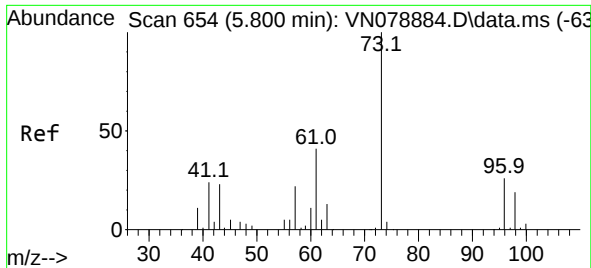
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#18
Methyl Acetate
Concen: 19.057 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Tgt Ion: 43 Resp: 72781
Ion Ratio Lower Upper
43 100
74 23.4 26.2 39.4#





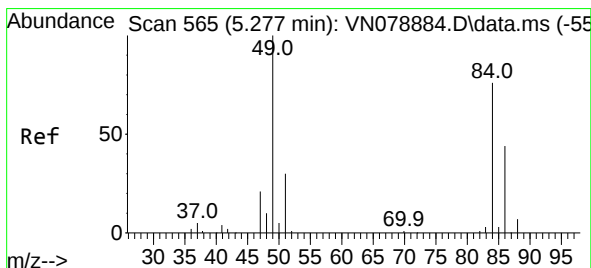
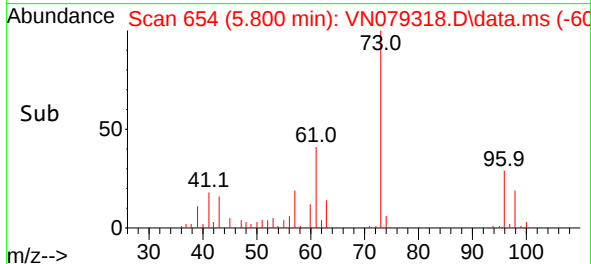
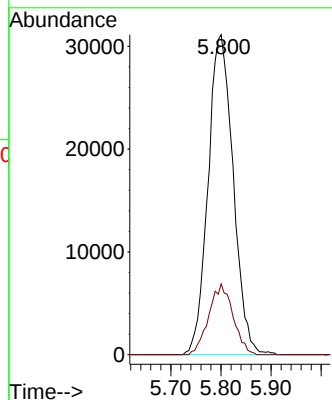
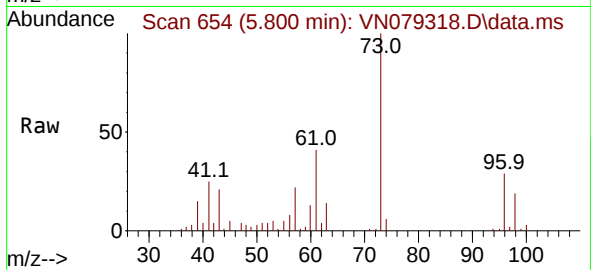
#19
Methyl tert-butyl Ether
Concen: 18.296 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tgt Ion: 73 Resp: 10847
Ion Ratio Lower Upper
73 100
57 22.1 15.6 23.4

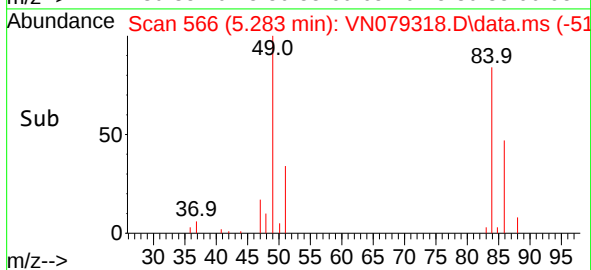
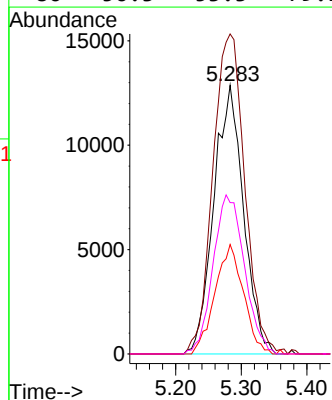
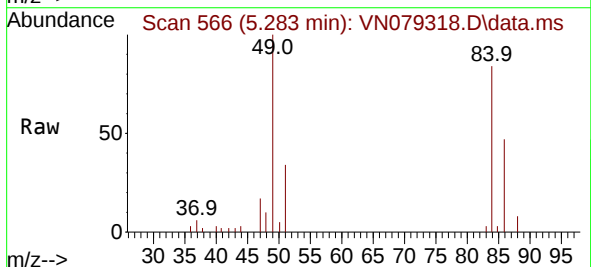
Manual Integrations
APPROVED

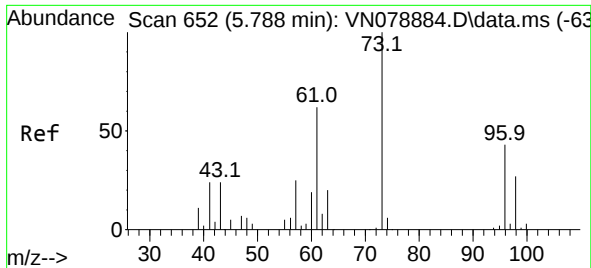
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#20
Methylene Chloride
Concen: 17.908 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Tgt Ion: 84 Resp: 40496
Ion Ratio Lower Upper
84 100
49 119.1 79.7 119.5
51 40.7 25.2 37.8#
86 56.3 53.3 79.9





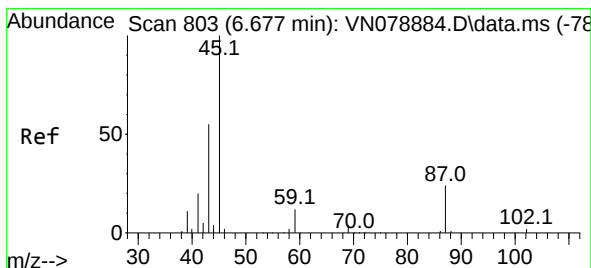
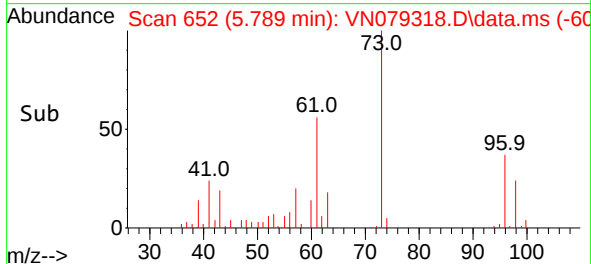
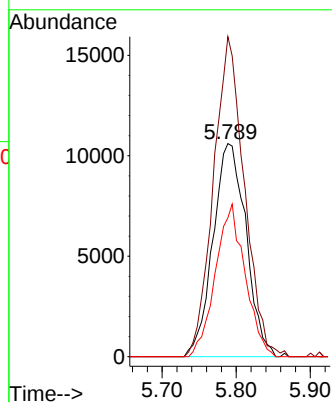
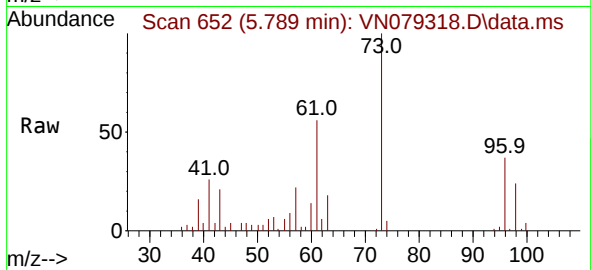
#21
trans-1,2-Dichloroethene
Concen: 16.365 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tgt Ion: 96 Resp: 3281
Ion Ratio Lower Upper
96 100
61 150.1 90.1 135.1
98 65.1 46.4 69.6

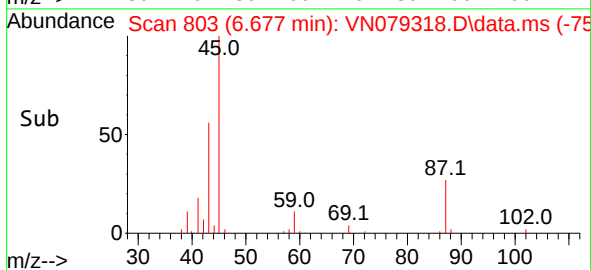
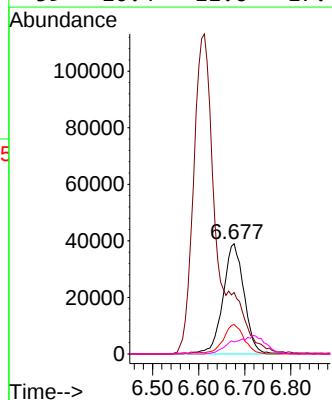
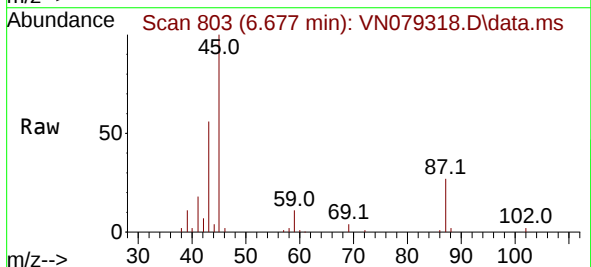
Manual Integrations
APPROVED

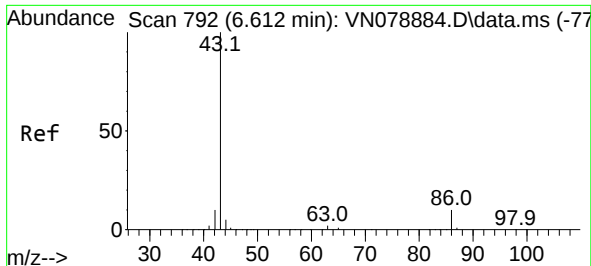
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#22
Diisopropyl ether
Concen: 20.388 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

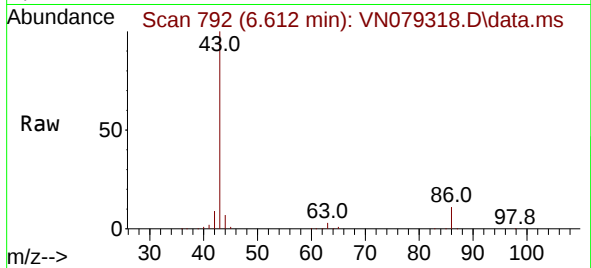
Tgt Ion: 45 Resp: 123361
Ion Ratio Lower Upper
45 100
43 53.8 45.5 68.3
87 26.8 31.8 47.8#
59 10.4 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 91.088 ug/l m
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079318.D
 Acq: 21 Sep 2023 12:00

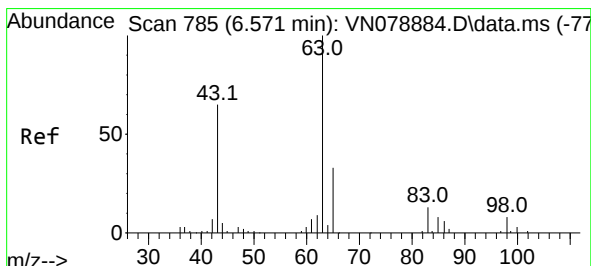
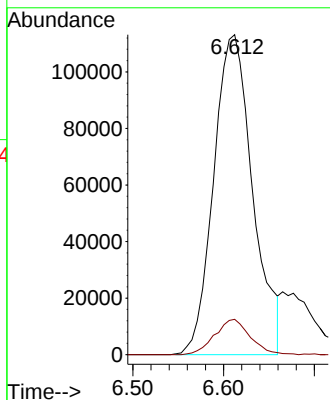
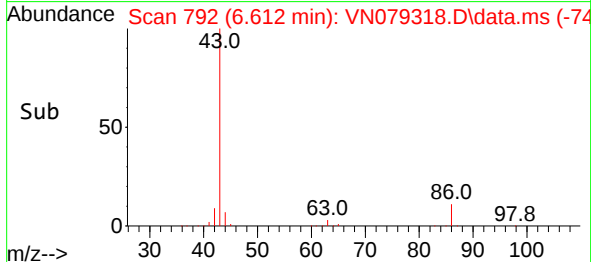
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01



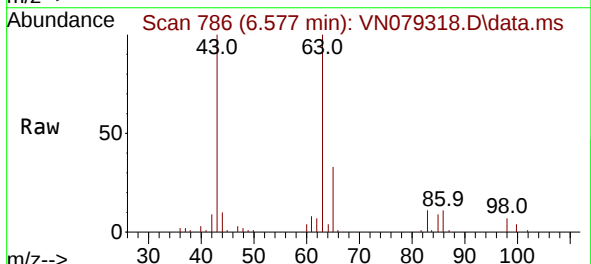
Tgt Ion: 43 Resp: 338999
 Ion Ratio Lower Upper
 43 100
 86 11.0 13.0 19.6

Manual Integrations
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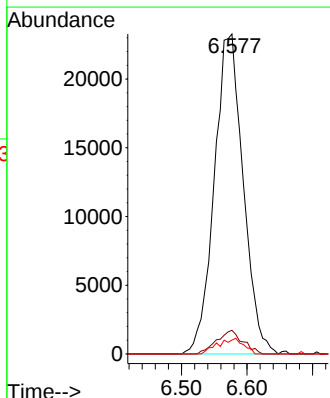
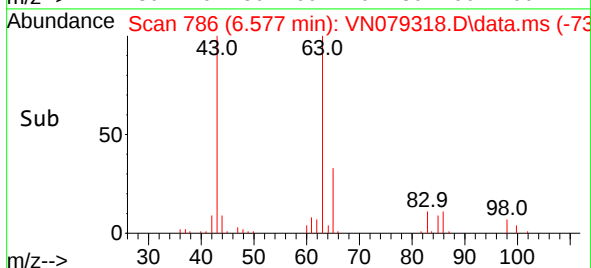
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023

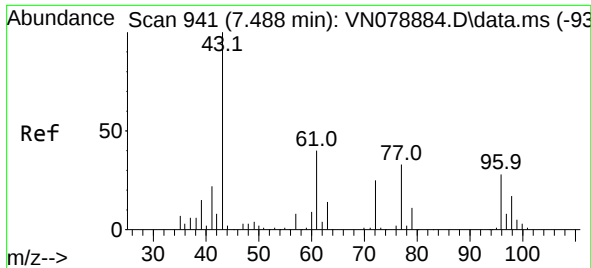


#24
 1,1-Dichloroethane
 Concen: 19.081 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079318.D
 Acq: 21 Sep 2023 12:00



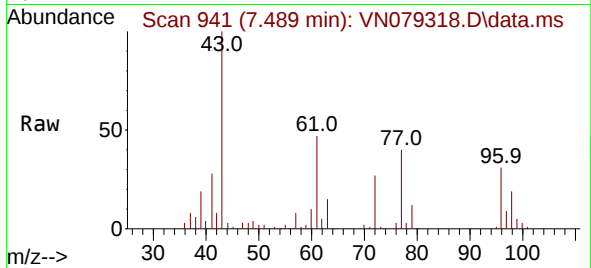
Tgt Ion: 63 Resp: 71172
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 92.742 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

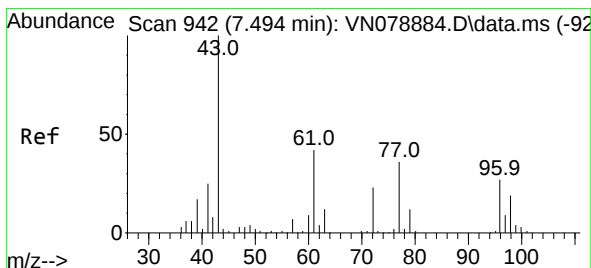
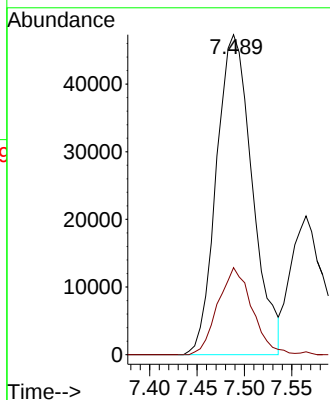
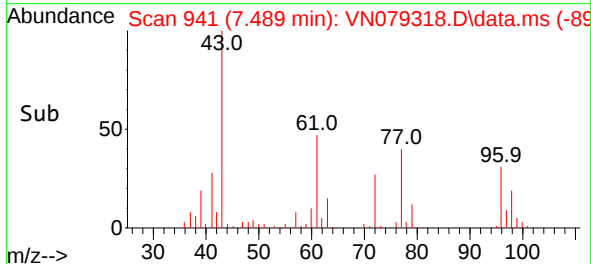
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



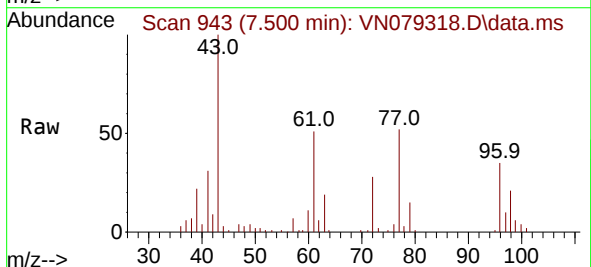
Tgt Ion: 43 Resp: 125042
Ion Ratio Lower Upper
43 100
72 27.2 30.2 45.2

Manual Integrations
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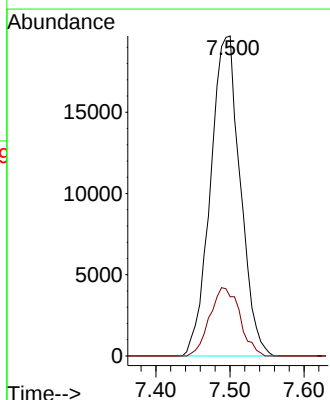
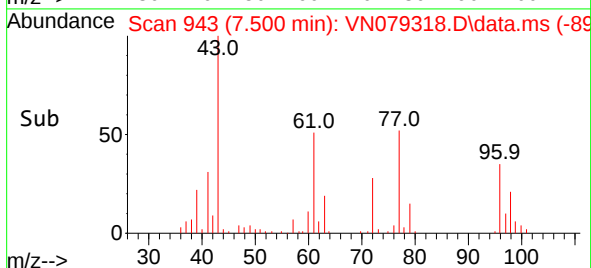
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#26
2,2-Dichloropropane
Concen: 17.967 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00



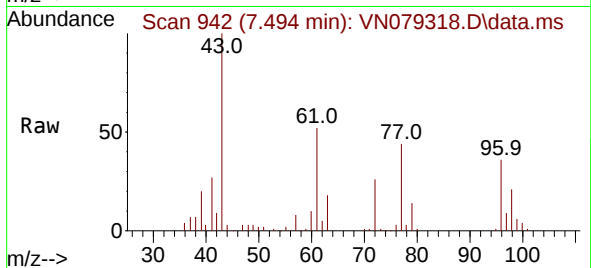
Tgt Ion: 77 Resp: 54995
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.629 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079318.D
 Acq: 21 Sep 2023 12:00

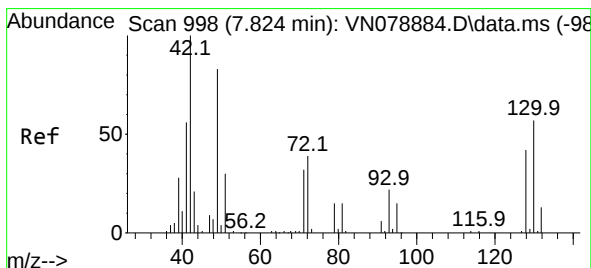
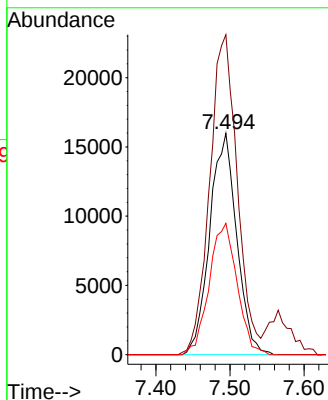
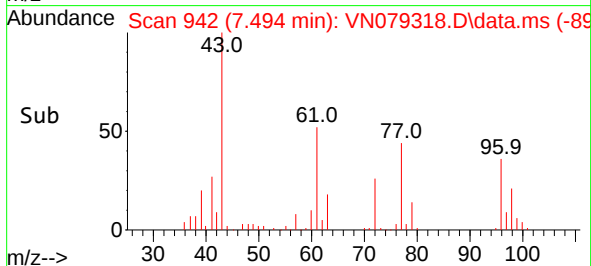
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01



Tgt Ion: 96 Resp: 4042
 Ion Ratio Lower Upper
 96 100
 61 148.1 0.0 255.2
 98 61.5 0.0 128.8

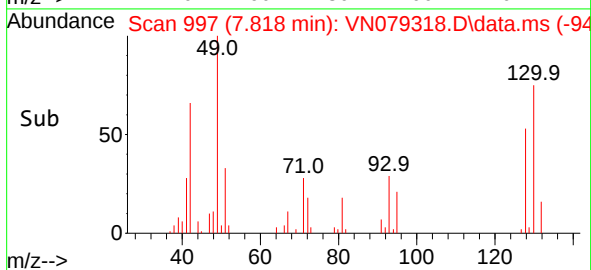
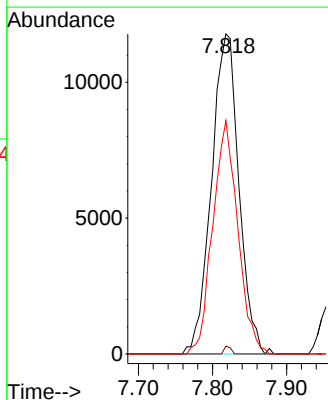
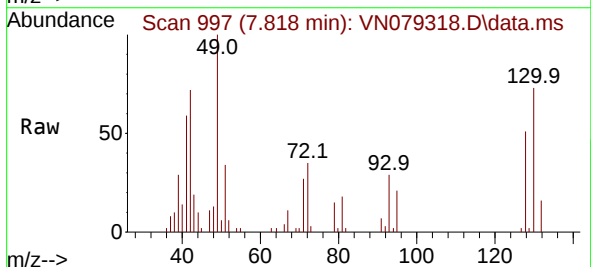
Manual Integrations
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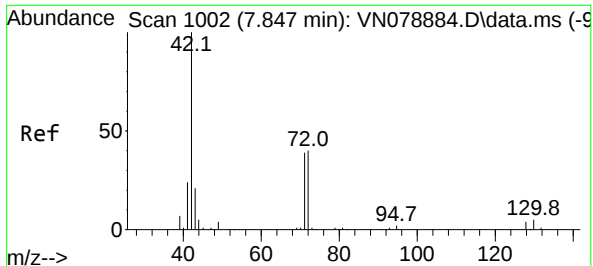
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023



#28
 Bromochloromethane
 Concen: 17.958 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079318.D
 Acq: 21 Sep 2023 12:00

Tgt Ion: 49 Resp: 30286
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.8
 130 66.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 89.241 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

Tgt Ion: 42 Resp: 76570

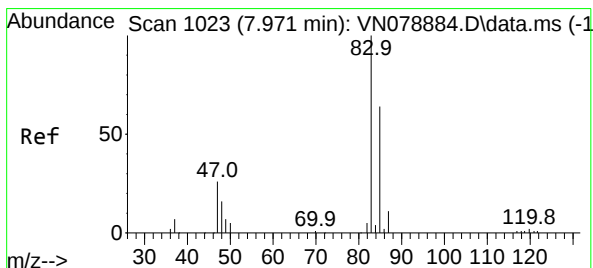
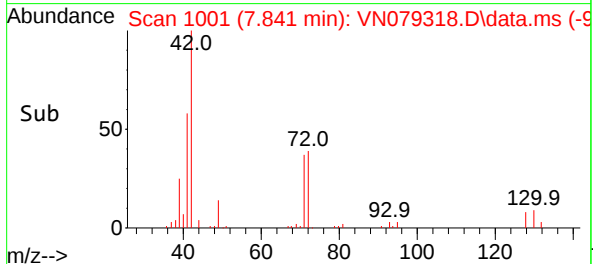
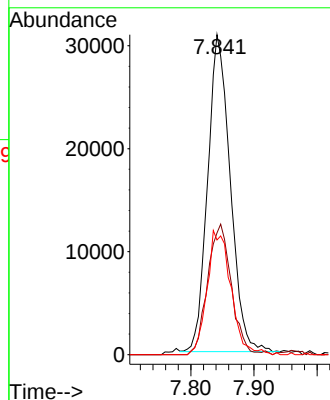
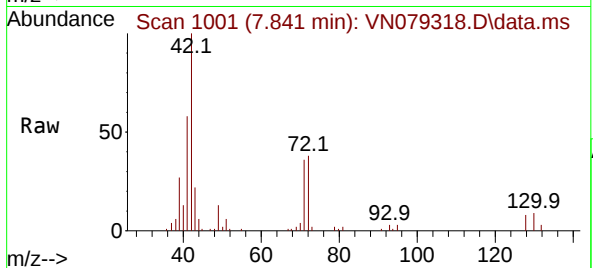
Ion	Ratio	Lower	Upper
42	100		
72	43.1	49.8	74.6
71	41.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#30

Chloroform

Concen: 18.925 ug/l

RT: 7.965 min Scan# 1022

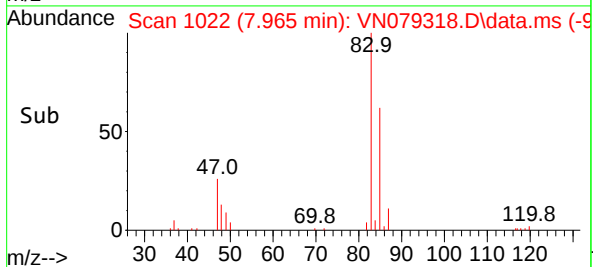
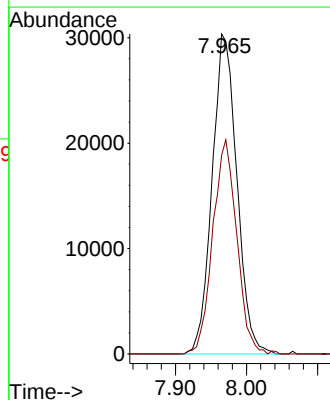
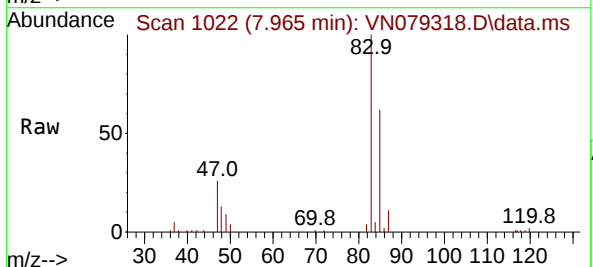
Delta R.T. -0.012 min

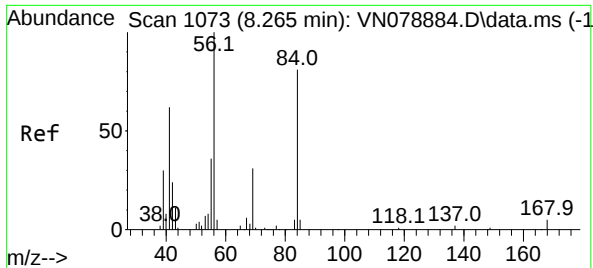
Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Tgt Ion: 83 Resp: 73496

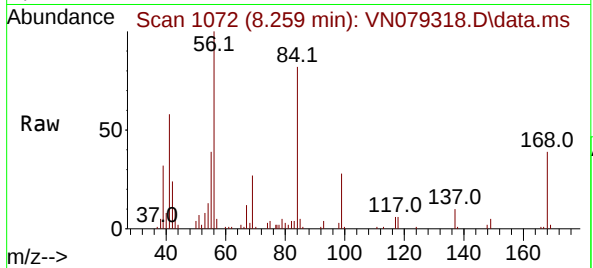
Ion	Ratio	Lower	Upper
83	100		
85	62.2	55.4	83.0





#31
Cyclohexane
Concen: 17.571 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

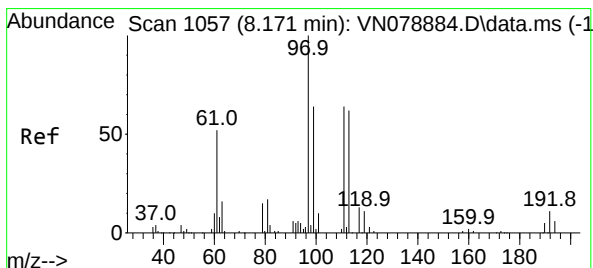
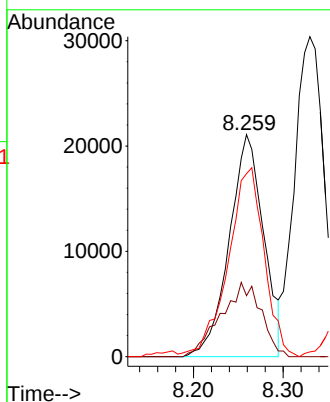
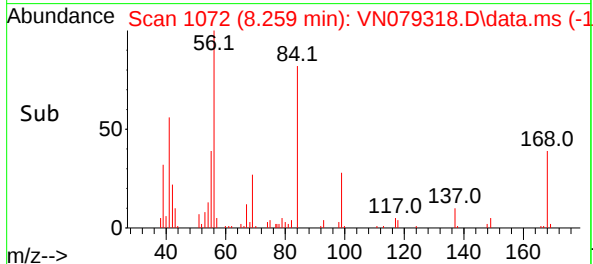
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



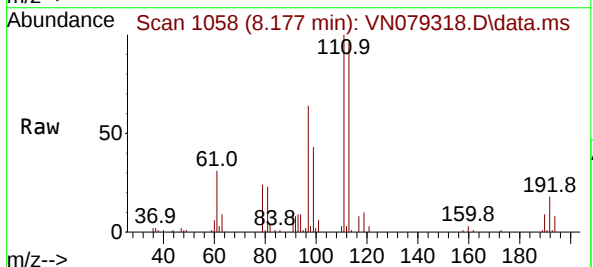
Tgt Ion: 56 Resp: 56130
Ion Ratio Lower Upper
56 100
69 27.5 26.8 40.2
84 81.3 81.8 122.6

Manual Integrations
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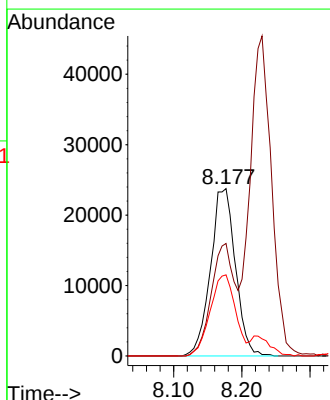
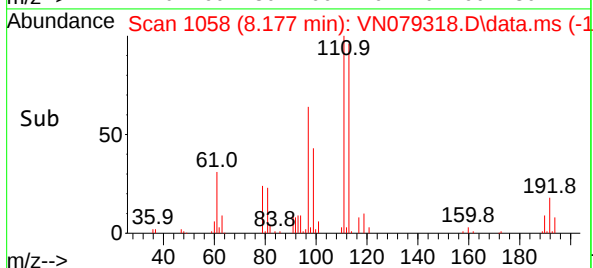
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

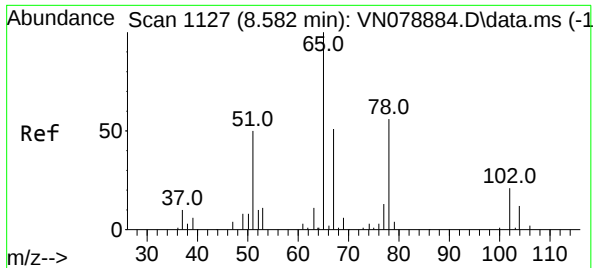


#32
1,1,1-Trichloroethane
Concen: 18.266 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00



Tgt Ion: 97 Resp: 60468
Ion Ratio Lower Upper
97 100
99 62.6 50.3 75.5
61 49.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 57.804 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

Tgt Ion: 65 Resp: 126475

Ion Ratio Lower Upper

65 100

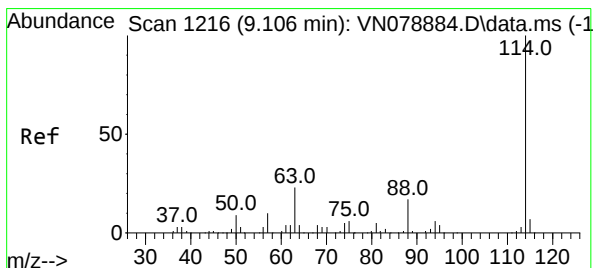
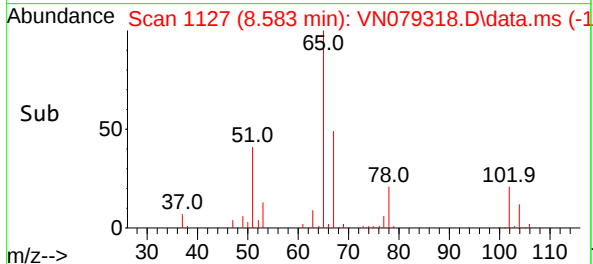
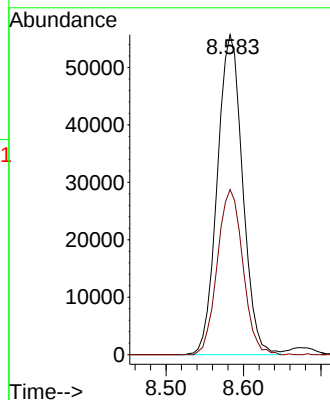
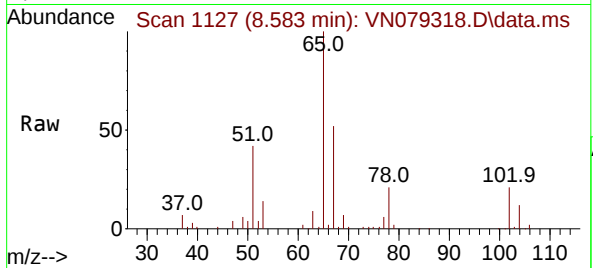
67 52.0 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

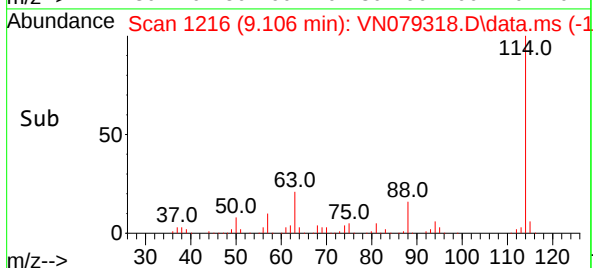
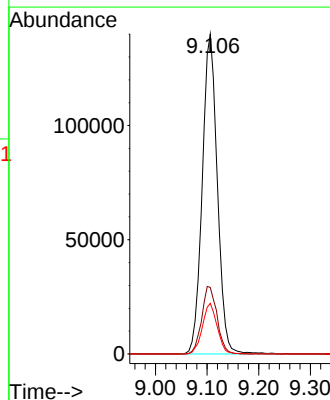
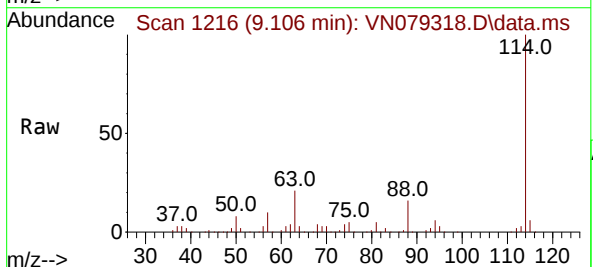
Tgt Ion:114 Resp: 283502

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.647 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

Tgt Ion: 113 Resp: 9739

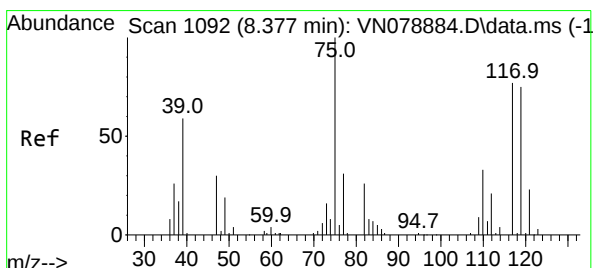
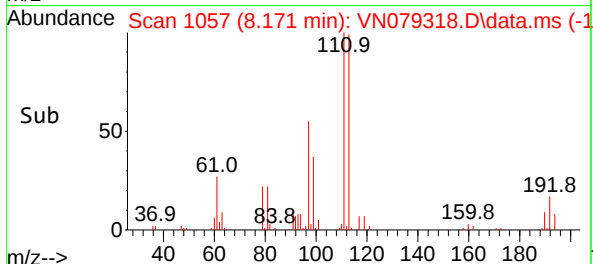
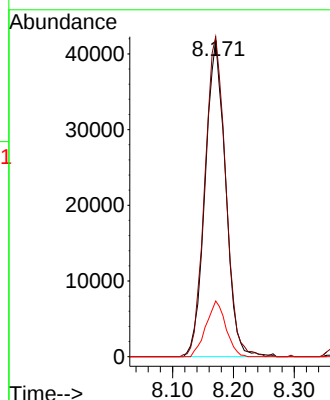
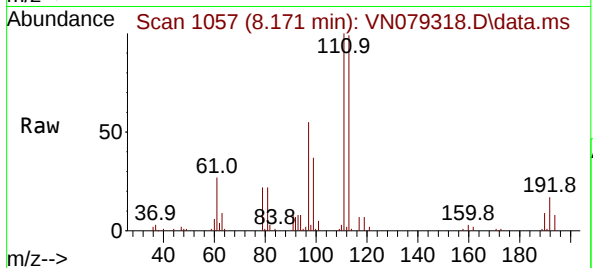
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	17.0	12.7	19.1

Manual Integrations

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Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#36

1,1-Dichloropropene

Concen: 17.501 ug/l

RT: 8.377 min Scan# 1092

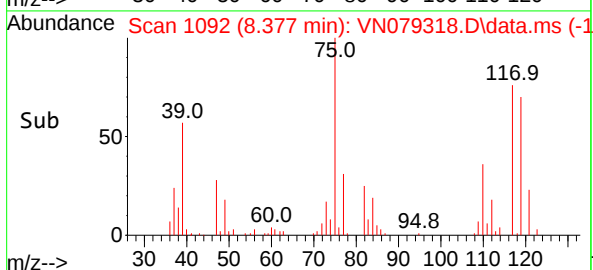
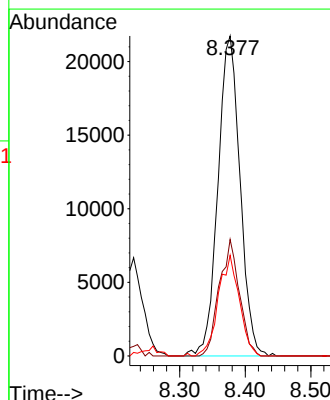
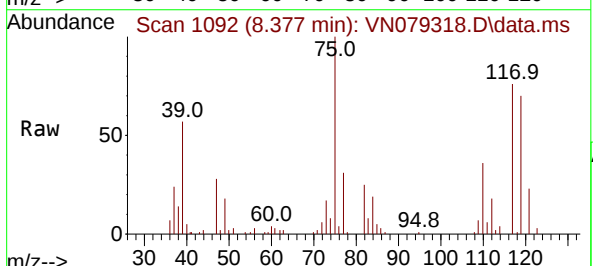
Delta R.T. -0.000 min

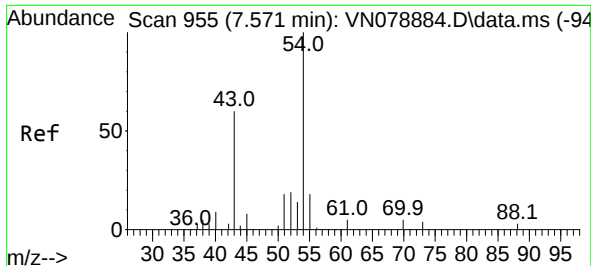
Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Tgt Ion: 75 Resp: 50871

Ion	Ratio	Lower	Upper
75	100		
110	33.1	19.1	57.3
77	29.9	25.0	37.4





#37

Ethyl Acetate

Concen: 17.290 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

Tgt Ion: 43 Resp: 5012

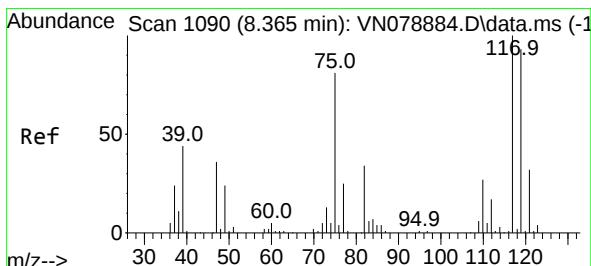
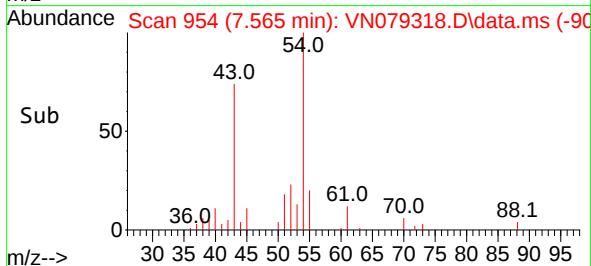
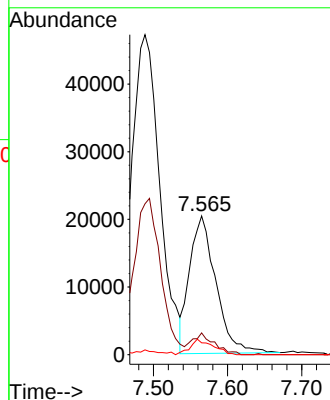
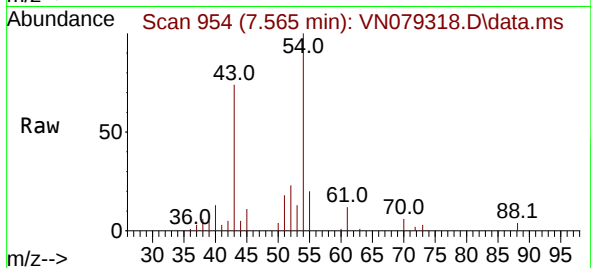
Ion	Ratio	Lower	Upper
43	100		
61	13.3	13.2	19.8
70	9.6	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#38

Carbon Tetrachloride

Concen: 16.971 ug/l

RT: 8.365 min Scan# 1090

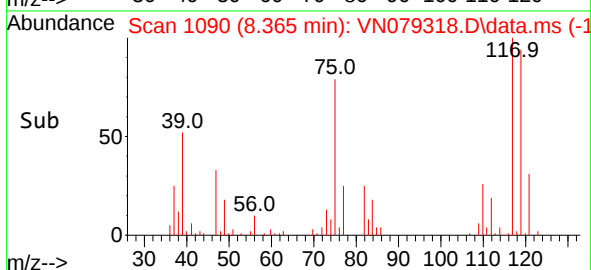
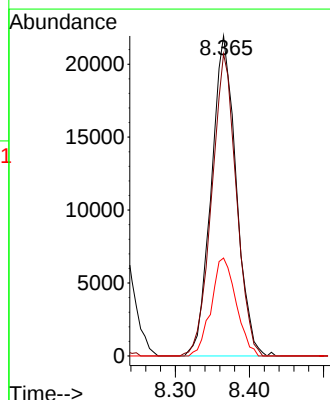
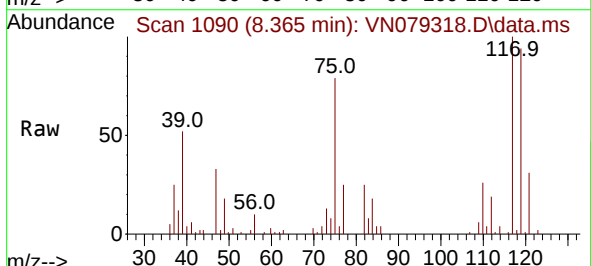
Delta R.T. -0.006 min

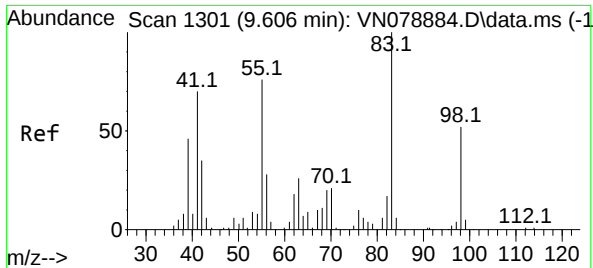
Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Tgt Ion:117 Resp: 51048

Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.3	115.9
121	30.6	23.3	34.9





#39

Methylcyclohexane

Concen: 16.013 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

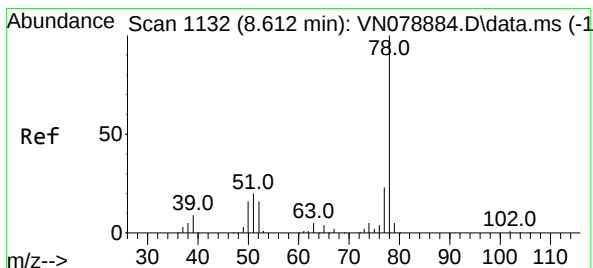
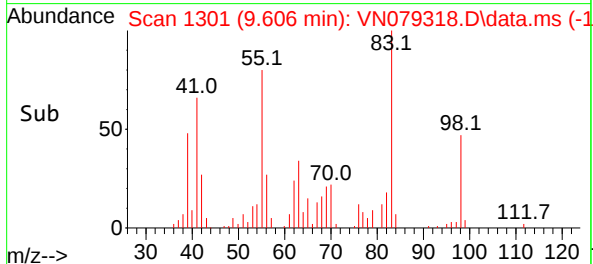
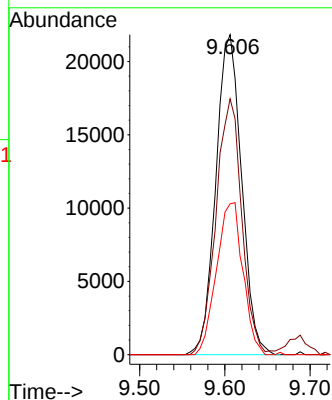
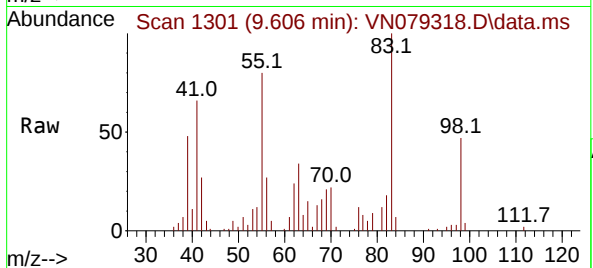
Tgt Ion: 83 Resp: 45911
 Ion Ratio Lower Upper
 83 100
 55 80.0 49.1 73.7
 98 47.1 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#40

Benzene

Concen: 17.719 ug/l

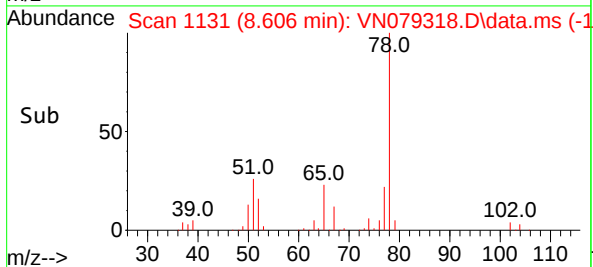
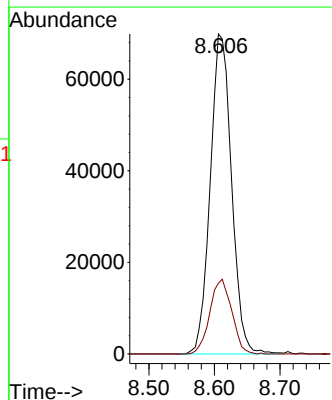
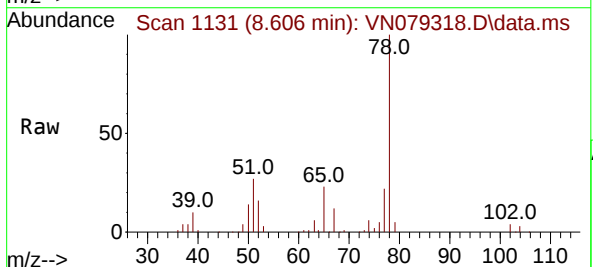
RT: 8.606 min Scan# 1131

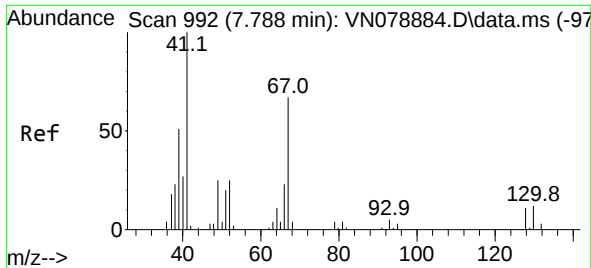
Delta R.T. -0.006 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

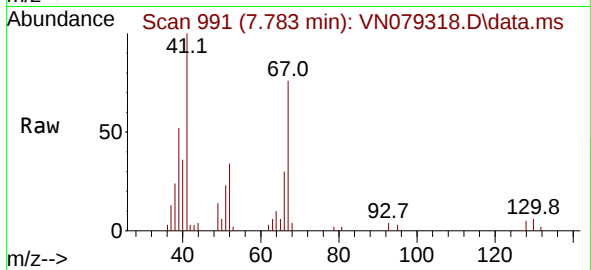
Tgt Ion: 78 Resp: 157663
 Ion Ratio Lower Upper
 78 100
 77 22.1 19.0 28.6





#41
Methacrylonitrile
Concen: 18.665 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

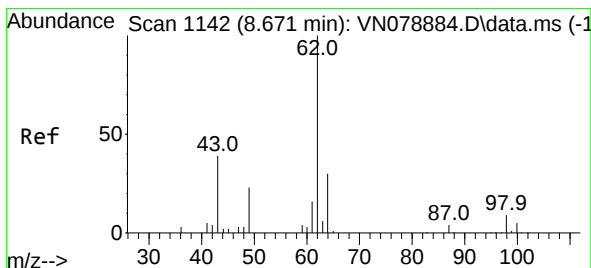
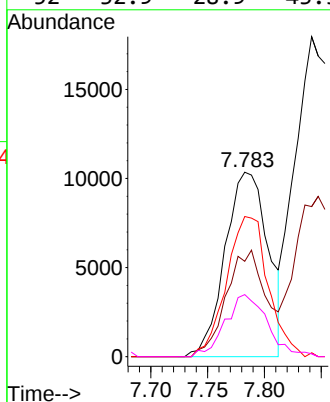
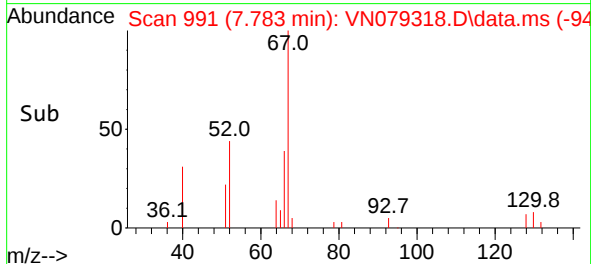
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.6	64.0
67	73.5	77.5	116.3
52	32.9	28.9	43.3

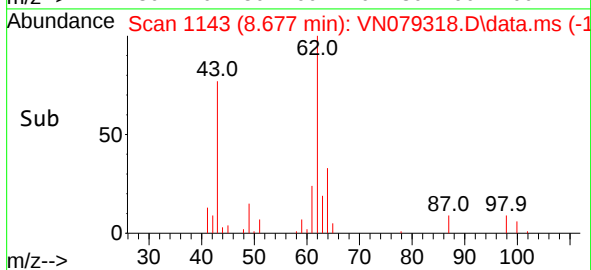
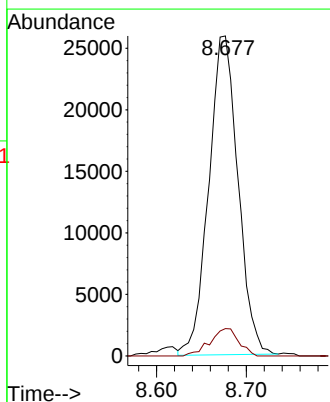
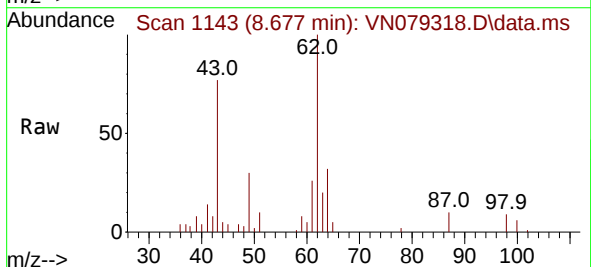
Manual Integrations
APPROVED

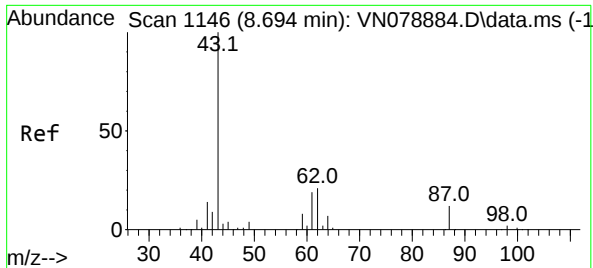
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#42
1,2-Dichloroethane
Concen: 19.147 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	19.8





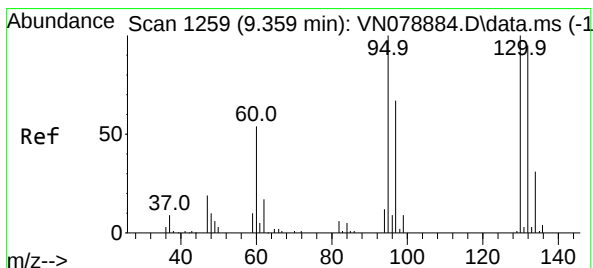
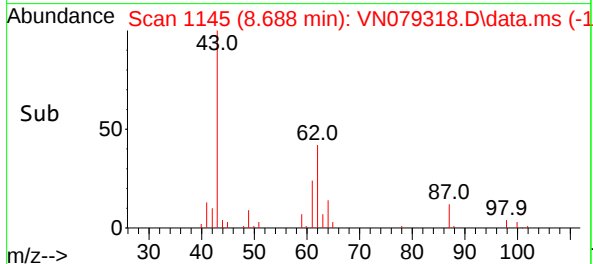
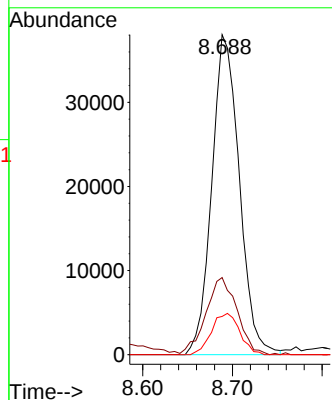
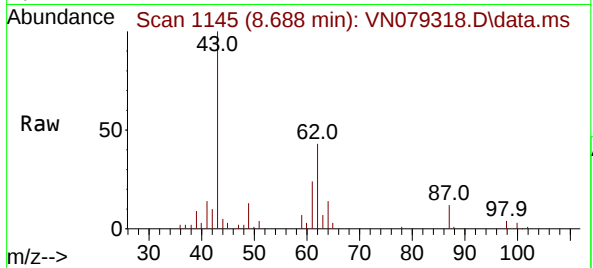
#43
Isopropyl Acetate
Concen: 17.151 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tgt Ion: 43 Resp: 81130
Ion Ratio Lower Upper
43 100
61 27.2 24.7 37.1
87 13.3 14.6 21.8

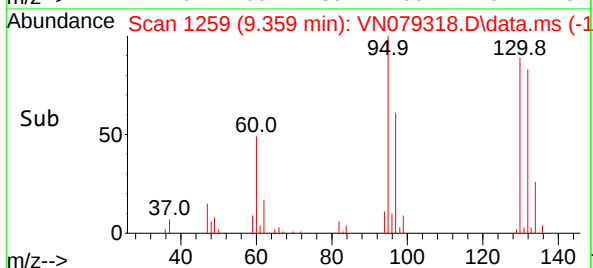
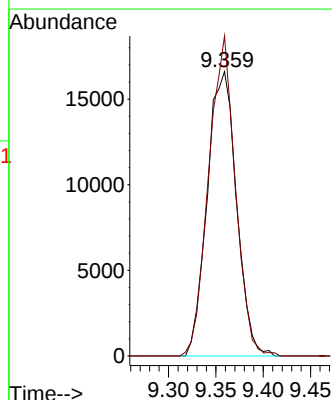
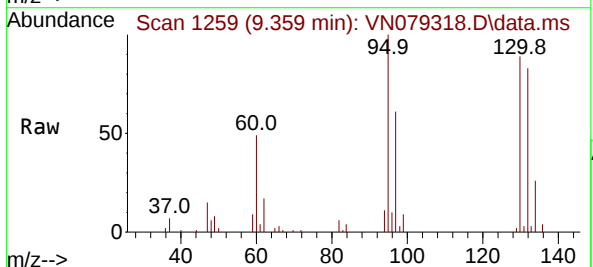
Manual Integrations
APPROVED

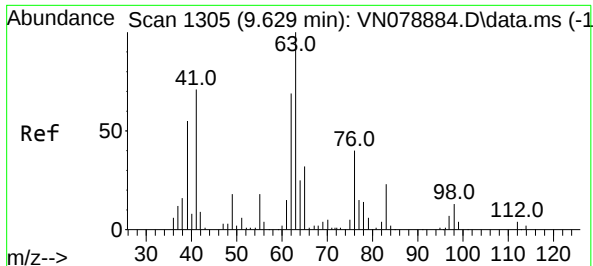
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#44
Trichloroethene
Concen: 16.281 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Tgt Ion:130 Resp: 35689
Ion Ratio Lower Upper
130 100
95 112.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.815 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

Tgt Ion: 63 Resp: 41549

Ion Ratio Lower Upper

63 100

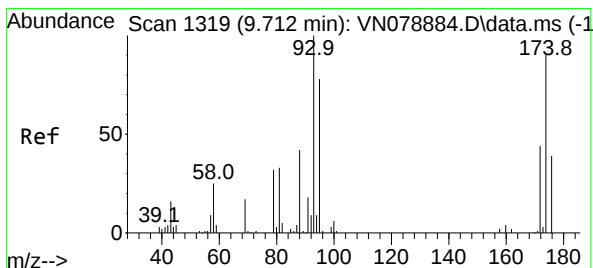
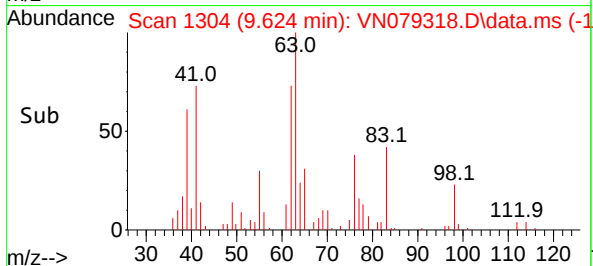
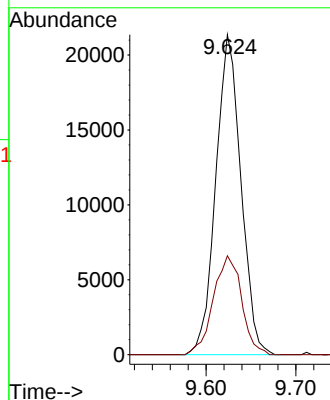
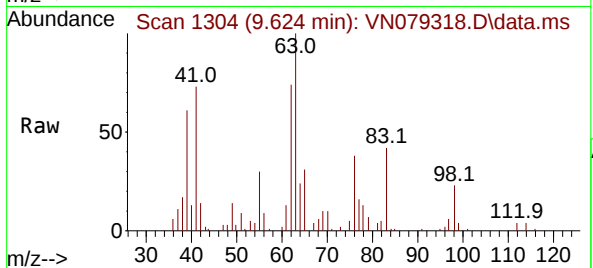
65 30.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#46

Dibromomethane

Concen: 18.968 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

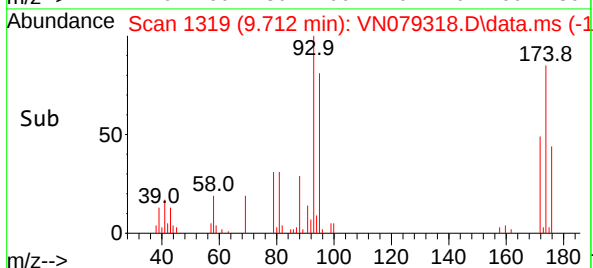
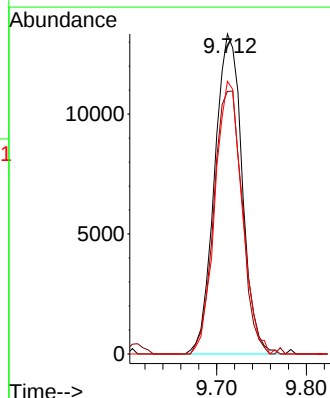
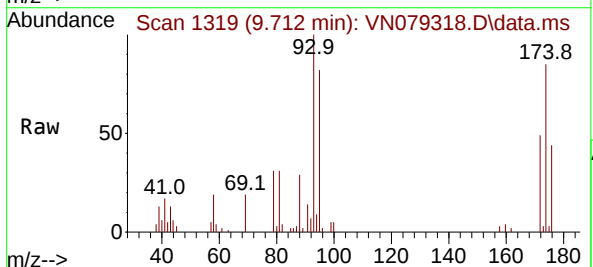
Tgt Ion: 93 Resp: 28436

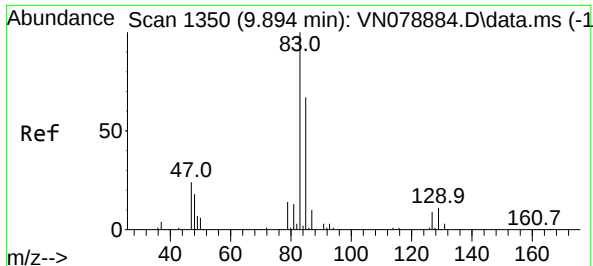
Ion Ratio Lower Upper

93 100

95 84.0 63.8 95.8

174 83.7 65.6 98.4





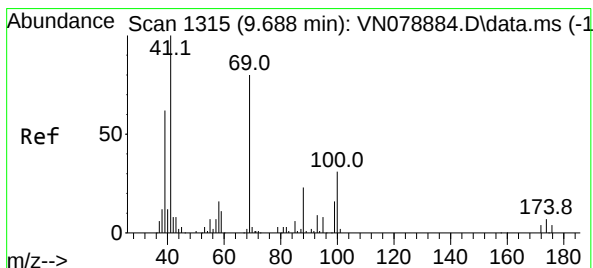
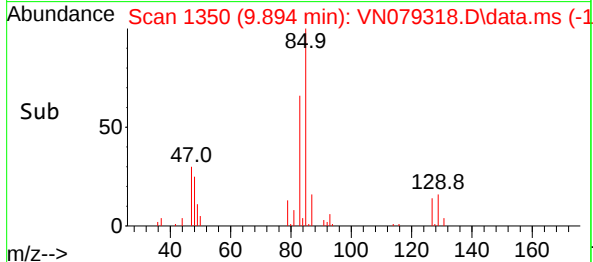
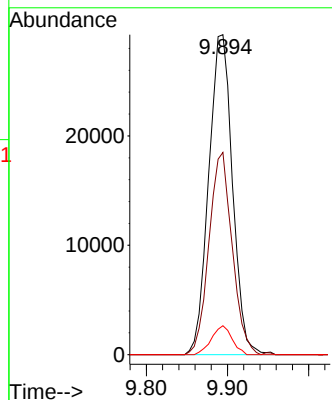
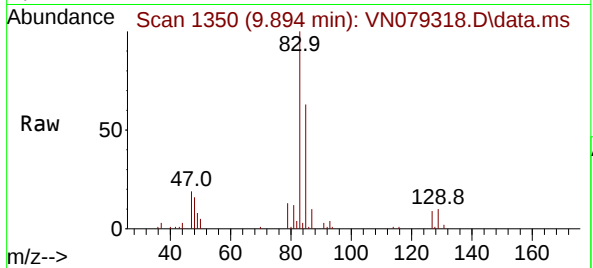
#47
Bromodichloromethane
Concen: 19.361 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tgt Ion: 83 Resp: 59450
Ion Ratio Lower Upper
83 100
85 63.2 49.6 74.4
127 9.0 7.0 10.6

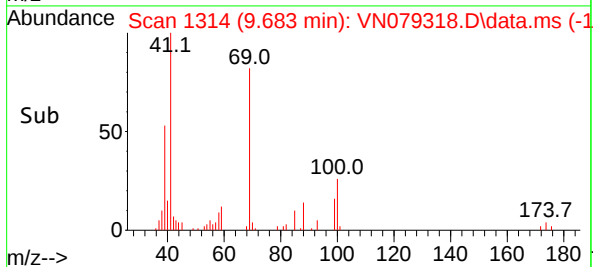
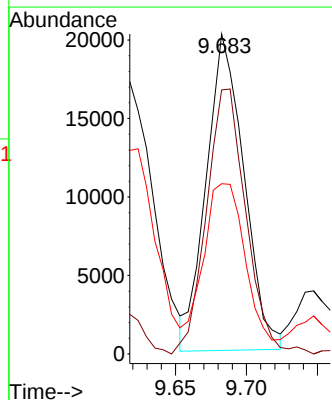
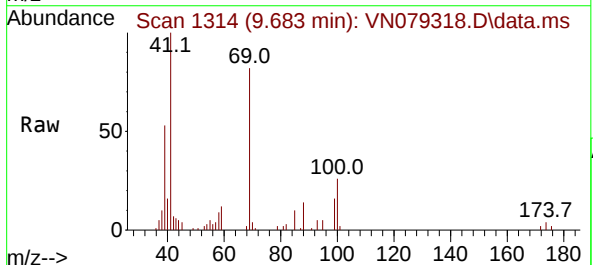
Manual Integrations
APPROVED

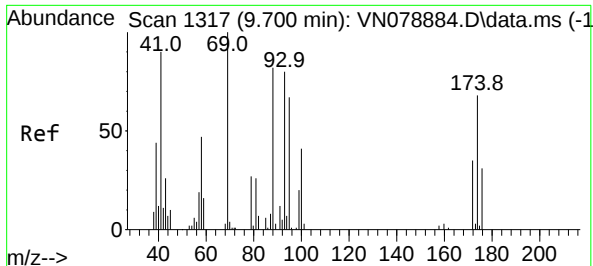
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#48
Methyl methacrylate
Concen: 17.544 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Tgt Ion: 41 Resp: 37174
Ion Ratio Lower Upper
41 100
69 87.8 90.4 135.6#
39 61.2 54.6 81.8





#49

1,4-Dioxane

Concen: 324.897 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

Tgt Ion: 88 Resp: 14160

Ion Ratio Lower Upper

88 100

43 31.4 17.0 25.6

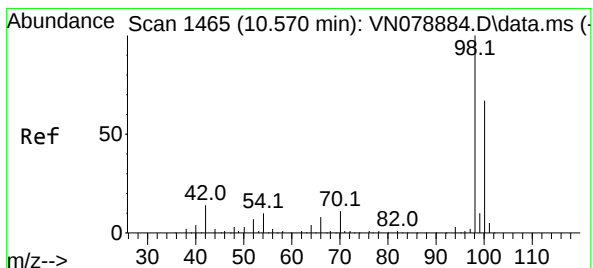
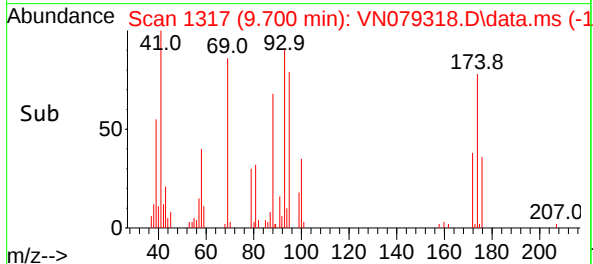
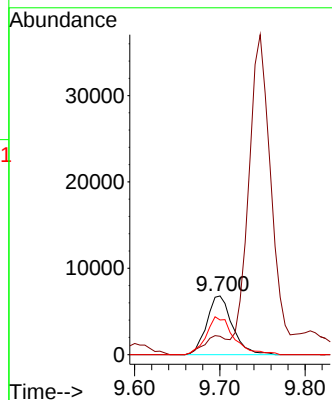
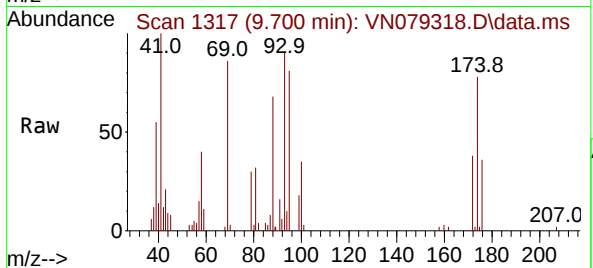
58 69.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#50

Toluene-d8

Concen: 51.548 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079318.D

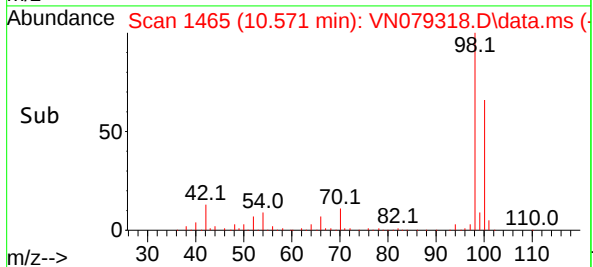
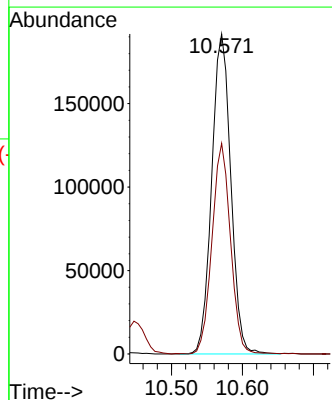
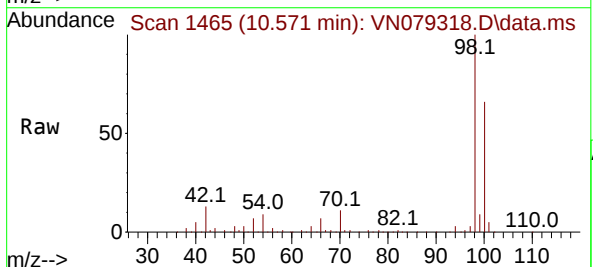
Acq: 21 Sep 2023 12:00

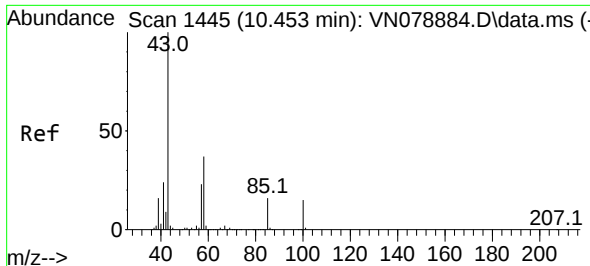
Tgt Ion: 98 Resp: 356938

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





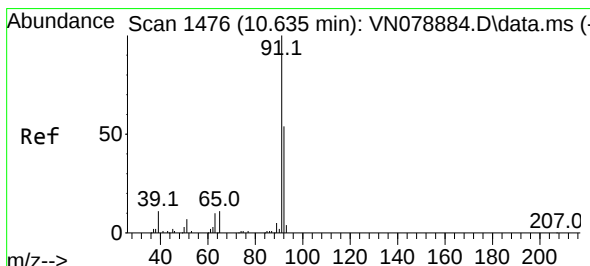
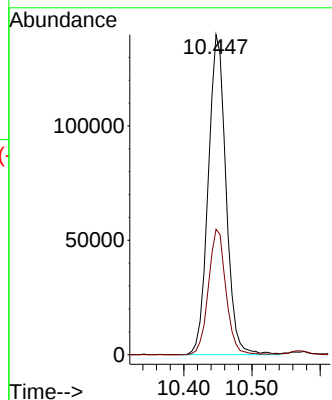
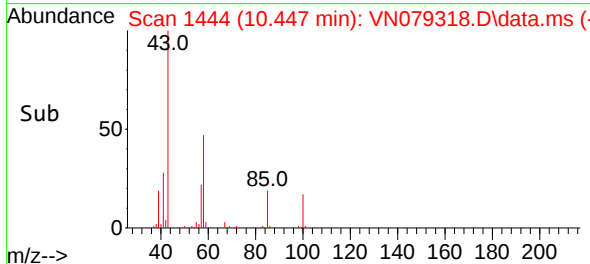
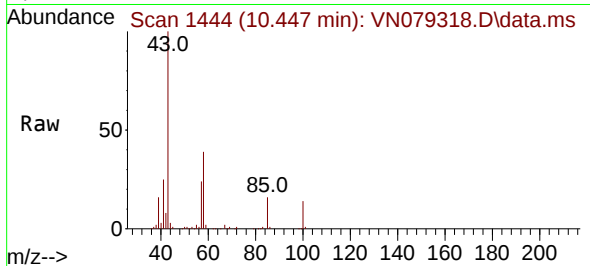
#51
4-Methyl-2-Pentanone
Concen: 92.426 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tgt Ion: 43 Resp: 25381
Ion Ratio Lower Upper
43 100
58 38.7 36.6 54.8

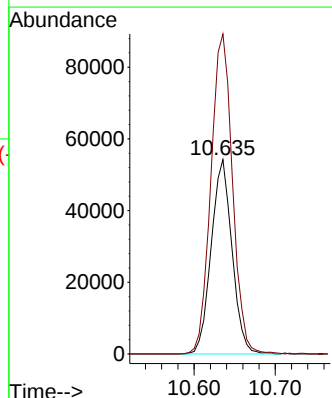
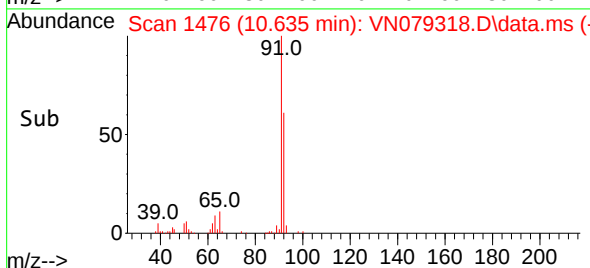
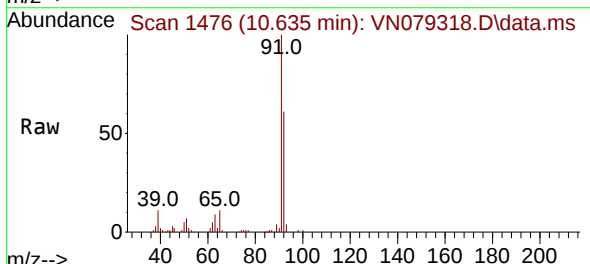
Manual Integrations
APPROVED

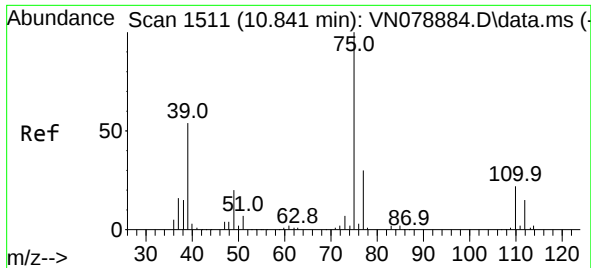
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#52
Toluene
Concen: 17.624 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

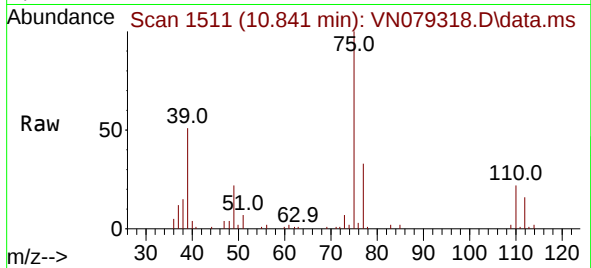
Tgt Ion: 92 Resp: 96374
Ion Ratio Lower Upper
92 100
91 171.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 17.504 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

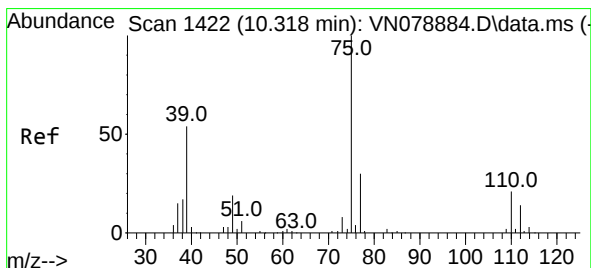
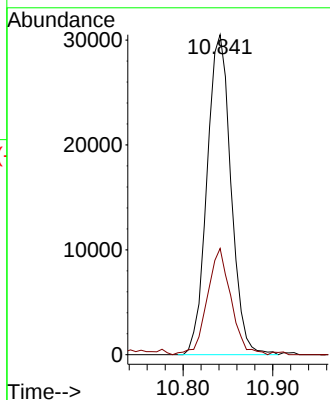
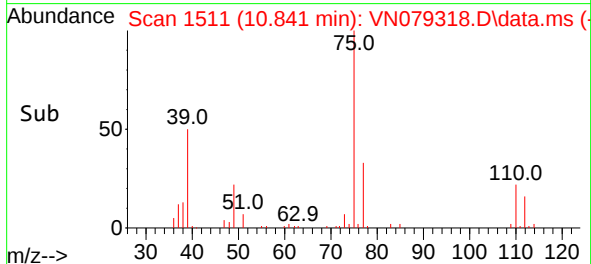
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



Tgt Ion: 75 Resp: 56672
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

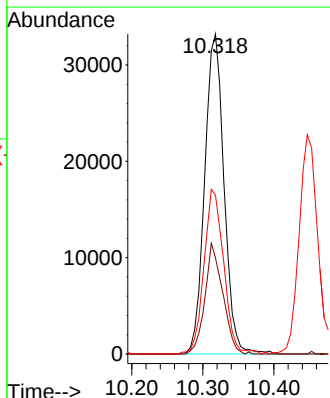
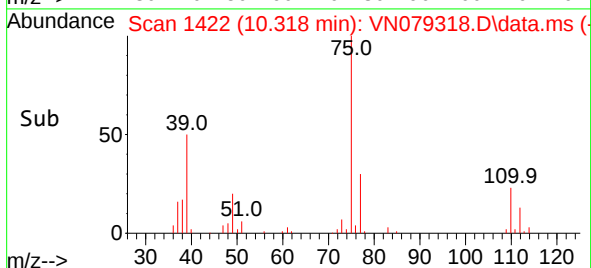
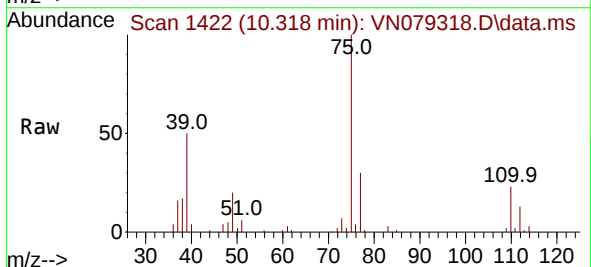
Manual Integrations
APPROVED

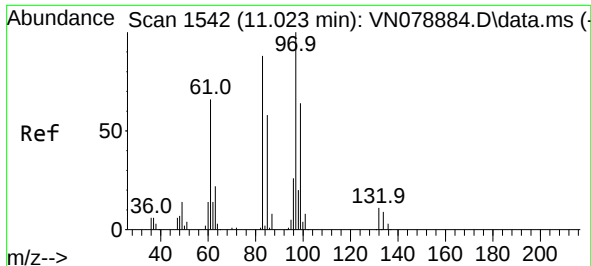
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#54
cis-1,3-Dichloropropene
Concen: 18.179 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

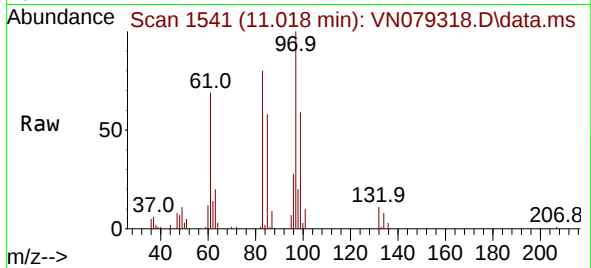
Tgt Ion: 75 Resp: 62953
Ion Ratio Lower Upper
75 100
77 30.0 26.1 39.1
39 49.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 18.882 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

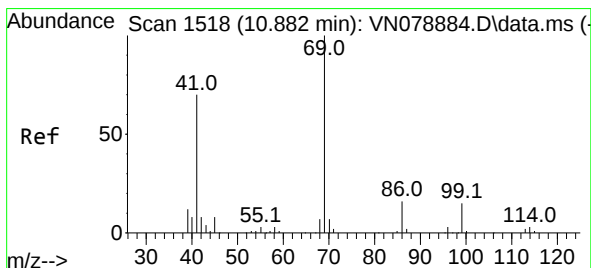
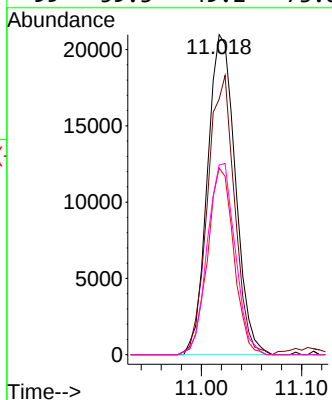
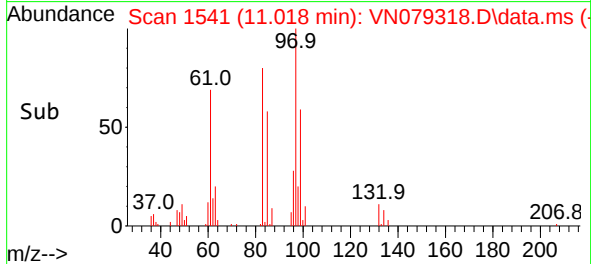
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



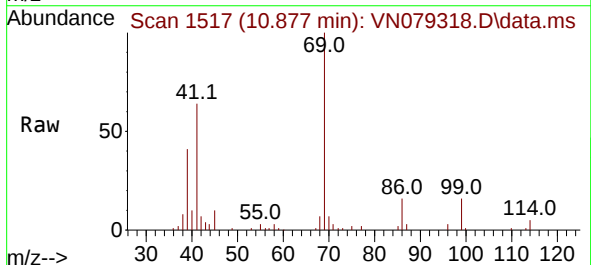
Tgt Ion:	97	Resp:	40510
Ion Ratio	100	Lower	Upper
97	100		
83	79.9	65.1	97.7
85	58.4	43.4	65.2
99	59.3	49.2	73.8

Manual Integrations
APPROVED

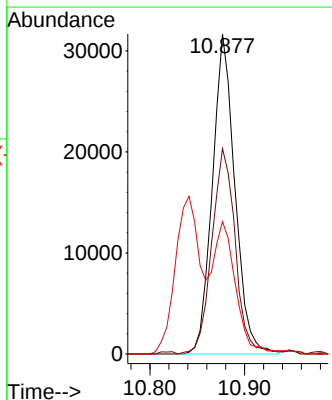
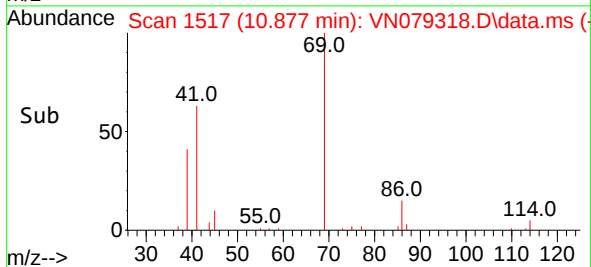
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

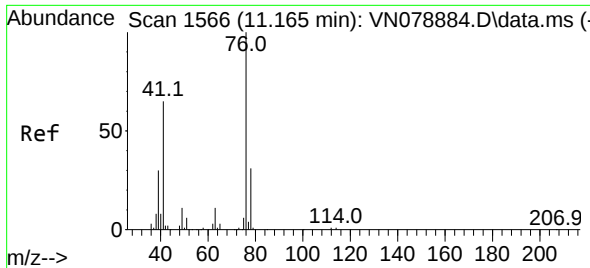


#56
Ethyl methacrylate
Concen: 17.248 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00



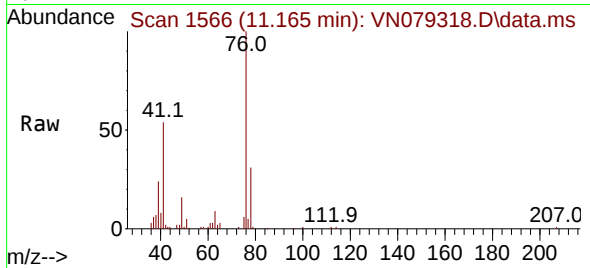
Tgt Ion:	69	Resp:	52244
Ion Ratio	100	Lower	Upper
69	100		
41	67.2	39.6	59.4#
39	39.9	28.6	43.0





#57
1,3-Dichloropropane
Concen: 18.507 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

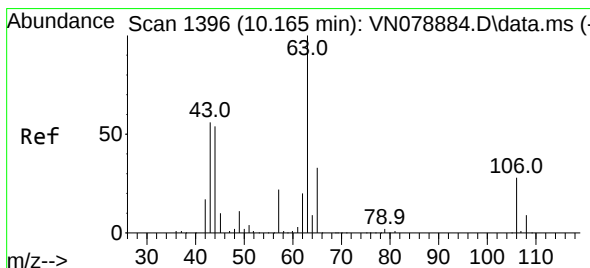
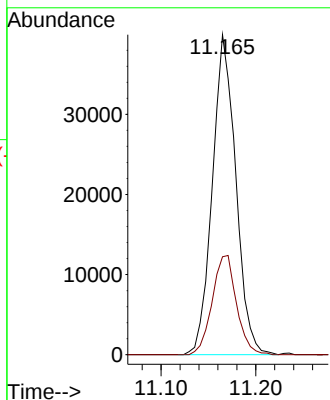
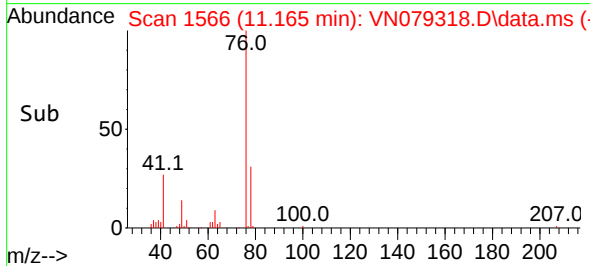
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



Tgt Ion: 76 Resp: 68640
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

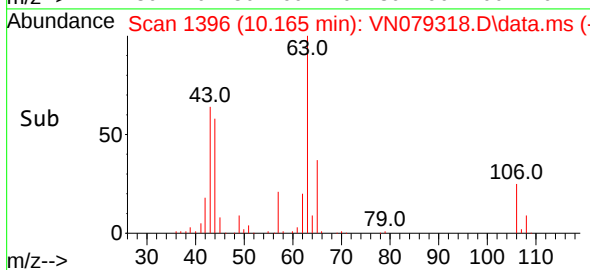
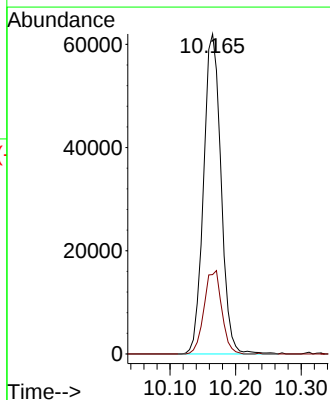
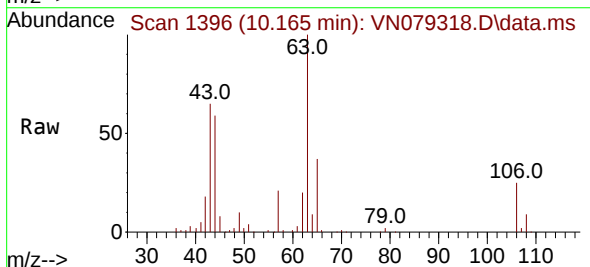
Manual Integrations
APPROVED

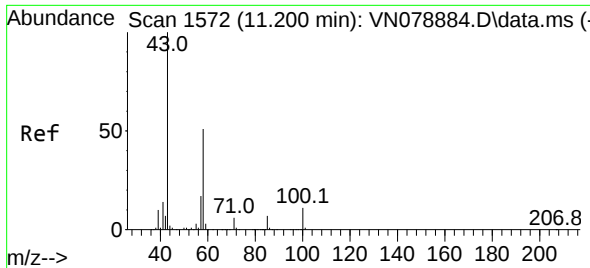
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 96.622 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

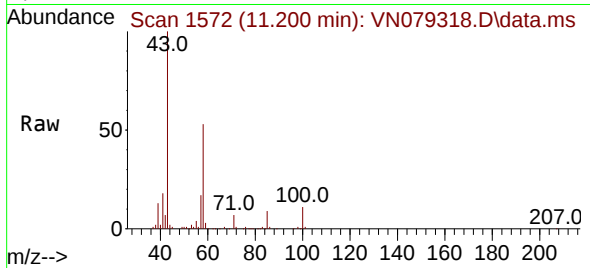
Tgt Ion: 63 Resp: 114708
Ion Ratio Lower Upper
63 100
106 26.4 26.2 39.4





#59
2-Hexanone
Concen: 89.257 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

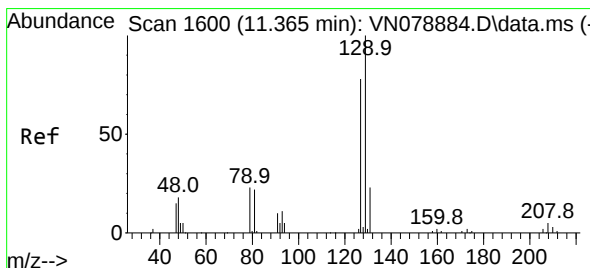
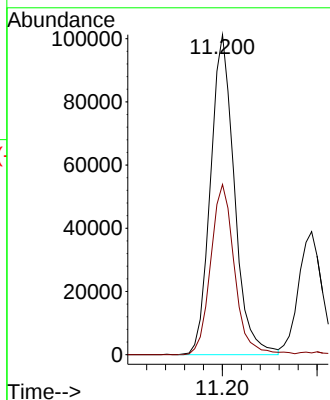
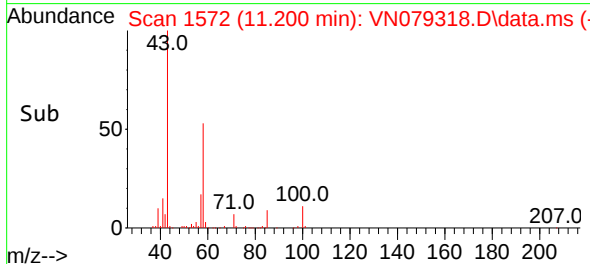
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



Tgt Ion: 43 Resp: 17753
Ion Ratio Lower Upper
43 100
58 53.0 31.7 95.1

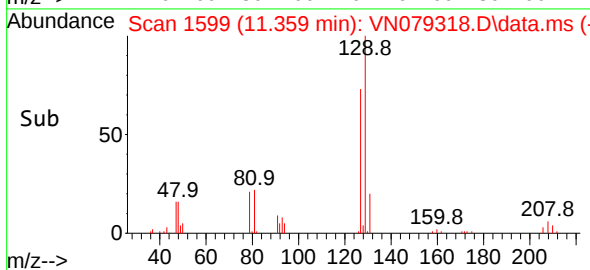
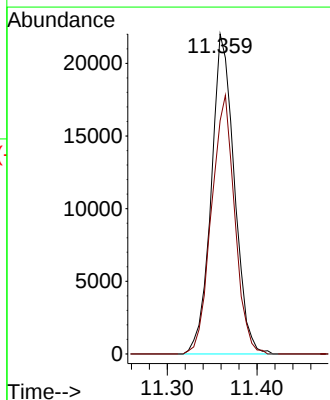
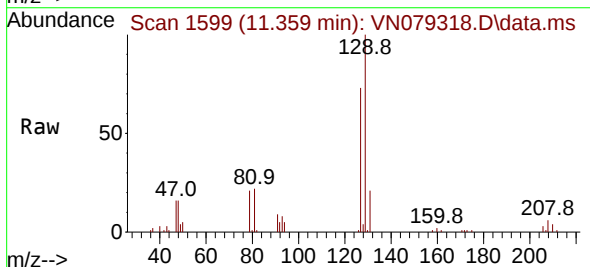
Manual Integrations
APPROVED

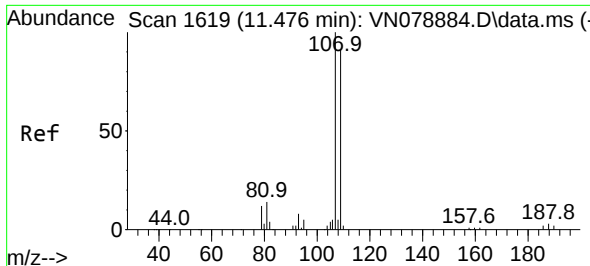
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#60
Dibromochloromethane
Concen: 17.227 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Tgt Ion:129 Resp: 39341
Ion Ratio Lower Upper
129 100
127 81.3 38.6 116.0





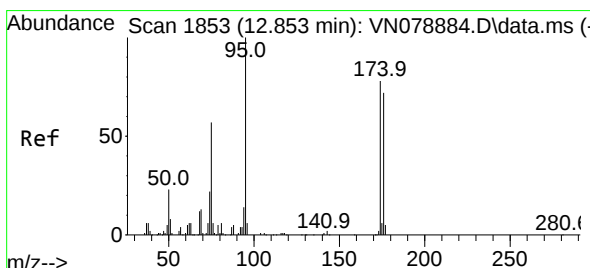
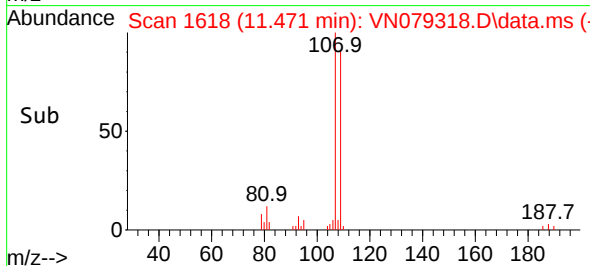
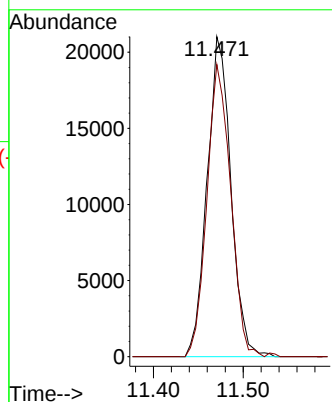
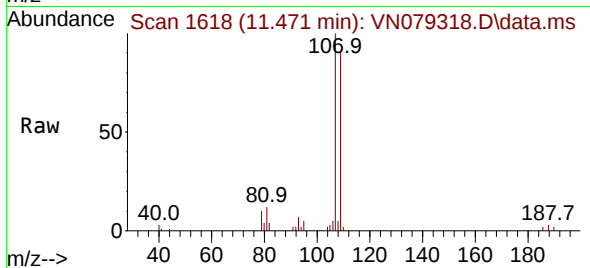
#61
1,2-Dibromoethane
Concen: 18.055 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tgt Ion:107 Resp: 3866
Ion Ratio Lower Upper
107 100
109 91.1 76.6 114.8

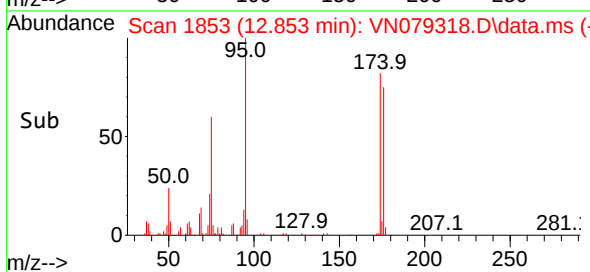
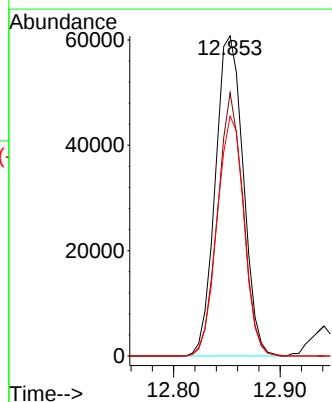
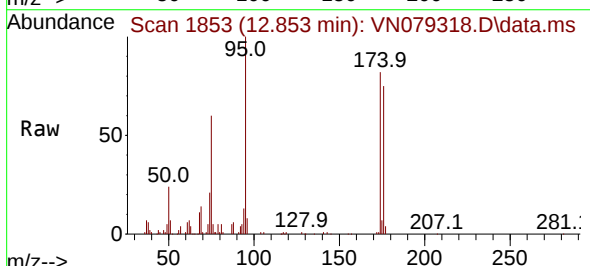
Manual Integrations
APPROVED

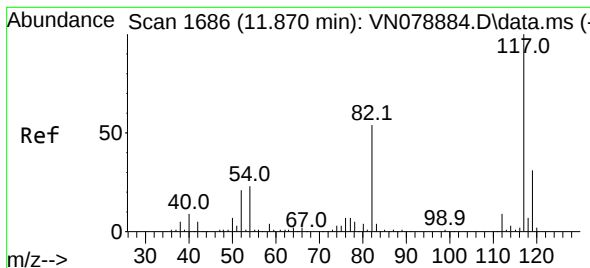
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#62
4-Bromofluorobenzene
Concen: 50.059 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

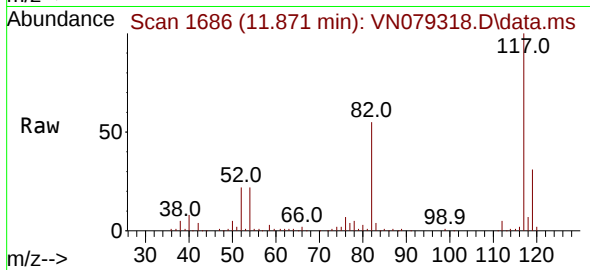
Tgt Ion: 95 Resp: 110567
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 72.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

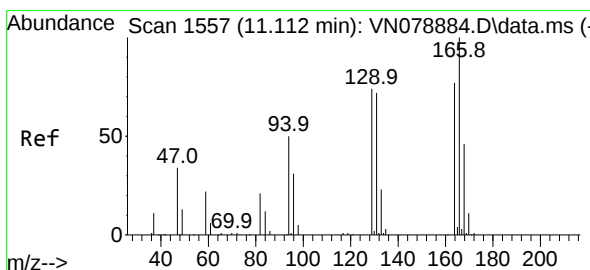
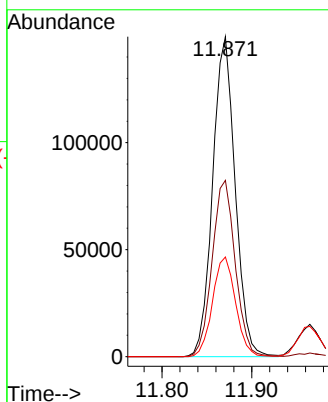
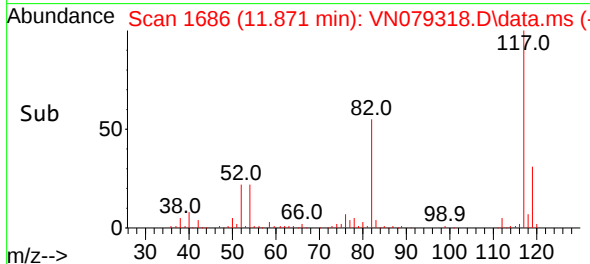
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



Tgt Ion:117 Resp: 260220
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 31.2 25.6 38.4

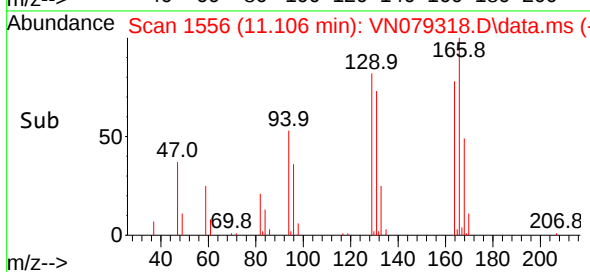
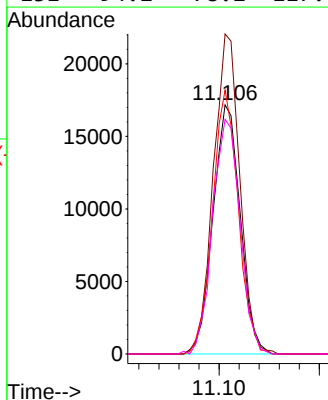
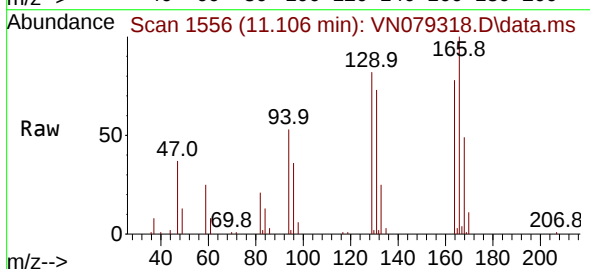
Manual Integrations
APPROVED

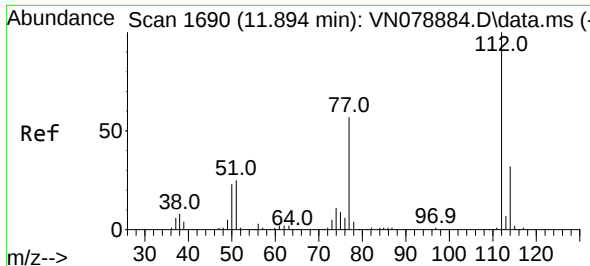
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#64
Tetrachloroethene
Concen: 17.075 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

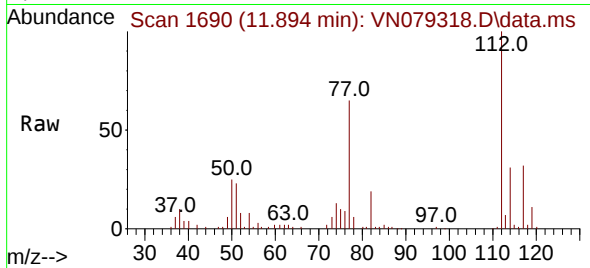
Tgt Ion:164 Resp: 32399
Ion Ratio Lower Upper
164 100
166 128.5 101.4 152.0
129 105.9 82.4 123.6
131 94.2 78.2 117.4





#65
Chlorobenzene
Concen: 16.236 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

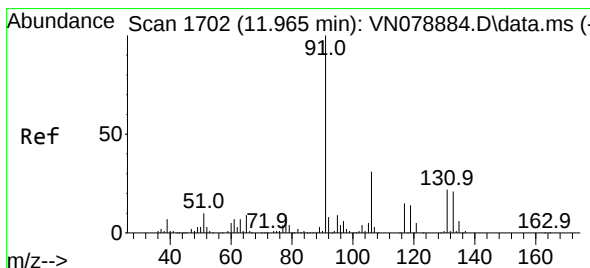
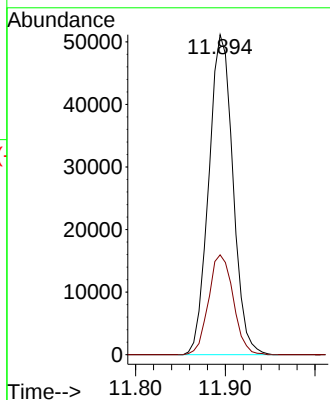
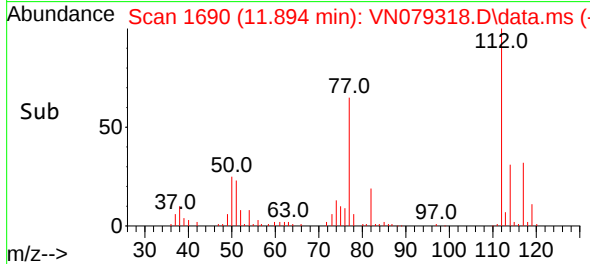
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



Tgt Ion:112 Resp: 9571
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

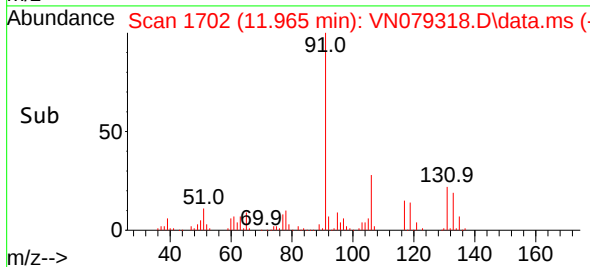
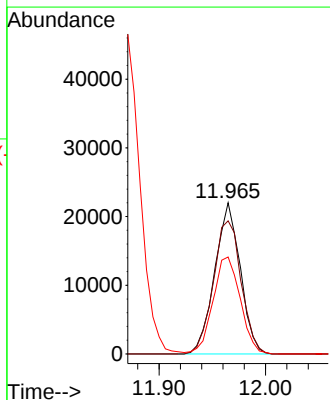
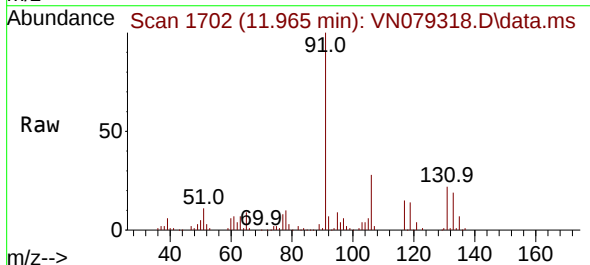
Manual Integrations
APPROVED

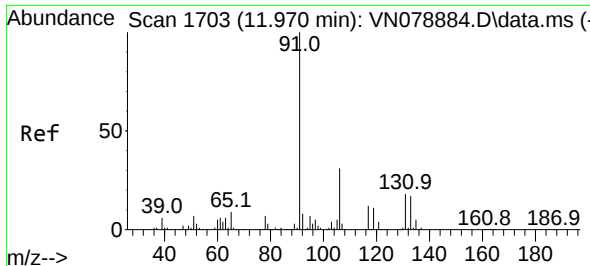
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 16.579 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Tgt Ion:131 Resp: 36649
Ion Ratio Lower Upper
131 100
133 96.2 46.4 139.1
119 68.5 34.1 102.2





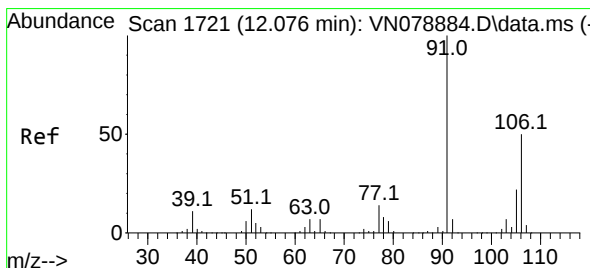
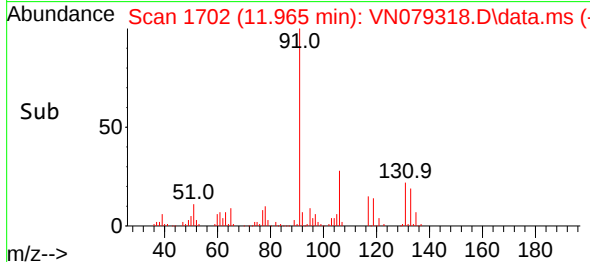
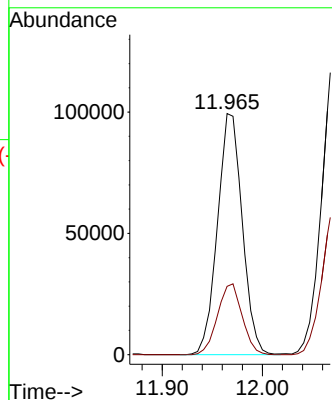
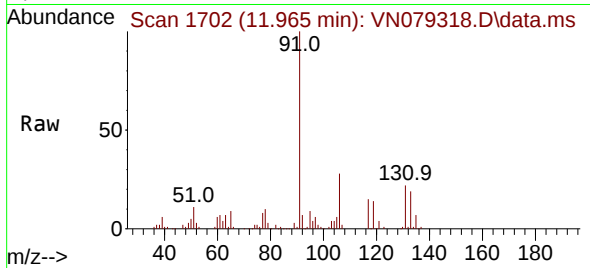
#67
Ethyl Benzene
Concen: 16.914 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tgt Ion: 91 Resp: 17055
Ion Ratio Lower Upper
91 100
106 28.4 25.6 38.4

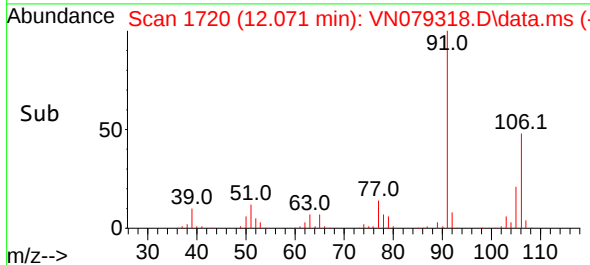
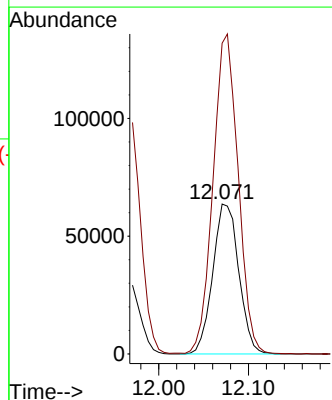
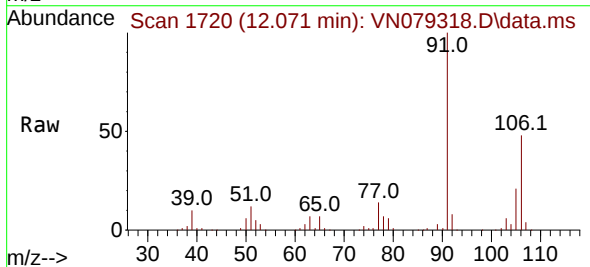
Manual Integrations
APPROVED

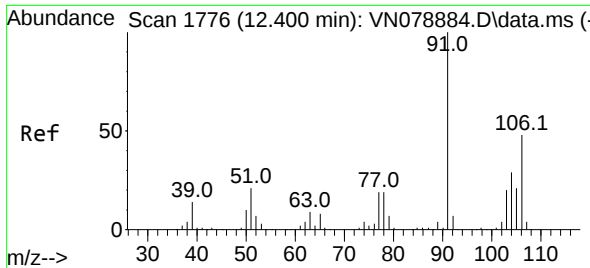
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#68
m/p-Xylenes
Concen: 34.093 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Tgt Ion:106 Resp: 128138
Ion Ratio Lower Upper
106 100
91 206.2 159.6 239.4





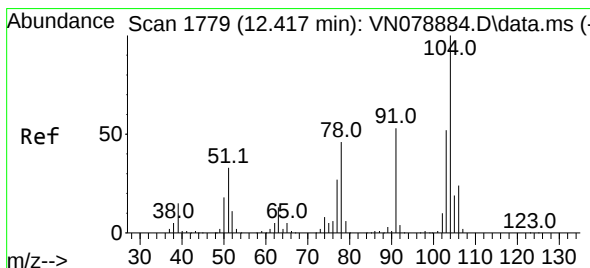
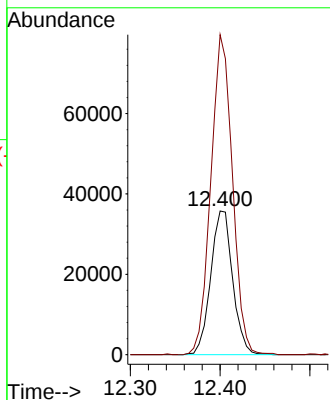
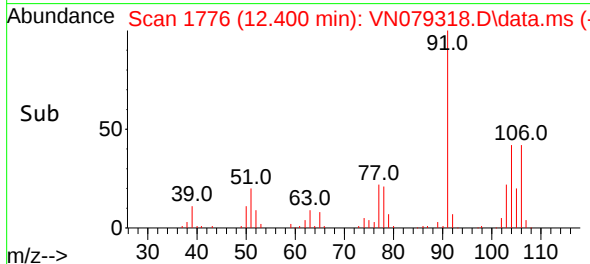
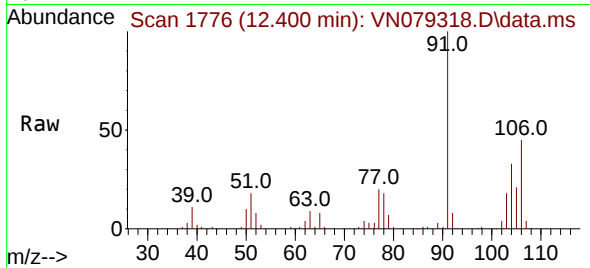
#69
o-Xylene
Concen: 16.860 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tgt Ion:106 Resp: 6077
Ion Ratio Lower Upper
106 100
91 219.3 105.2 315.5

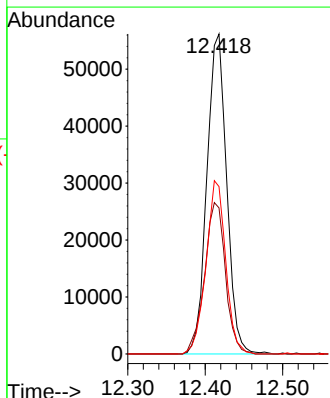
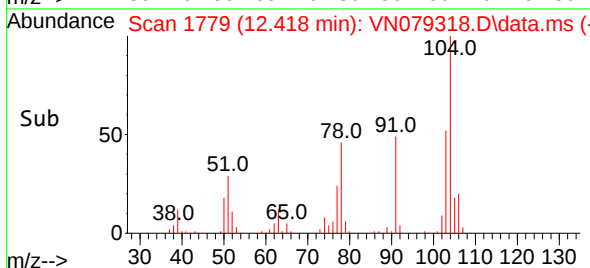
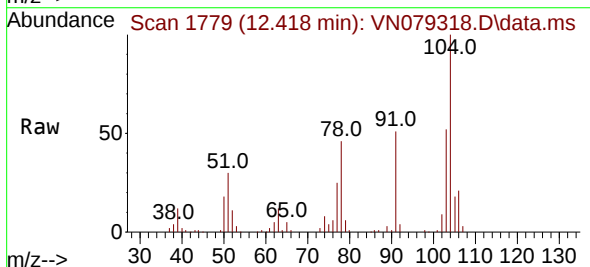
Manual Integrations
APPROVED

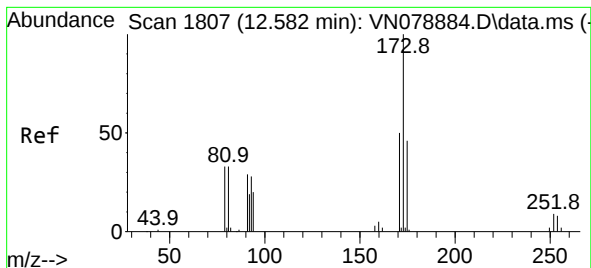
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#70
Styrene
Concen: 17.226 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Tgt Ion:104 Resp: 99864
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 53.9 43.2 64.8





#71

Bromoform

Concen: 15.476 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

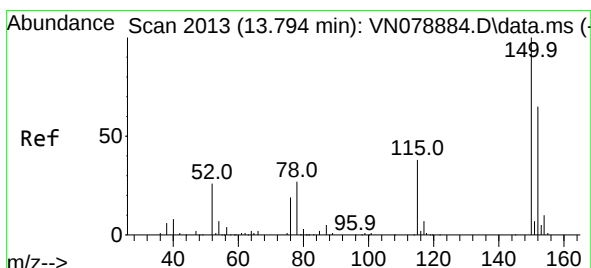
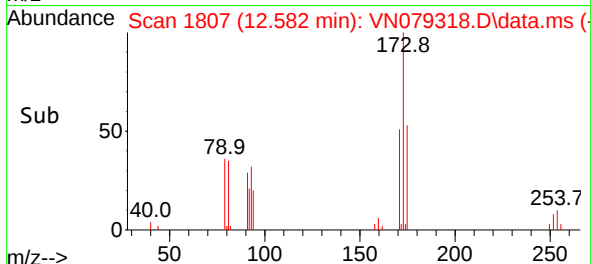
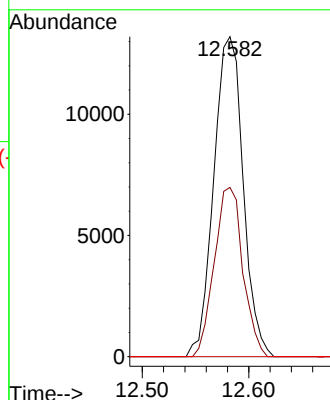
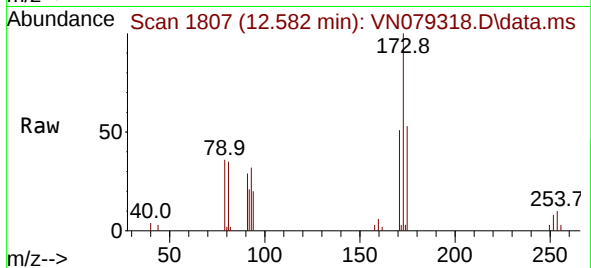
Tgt Ion:	173	Resp:	2525
Ion Ratio	Lower	Upper	
173	100		
175	51.4	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

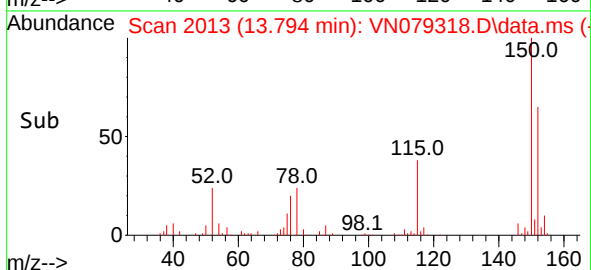
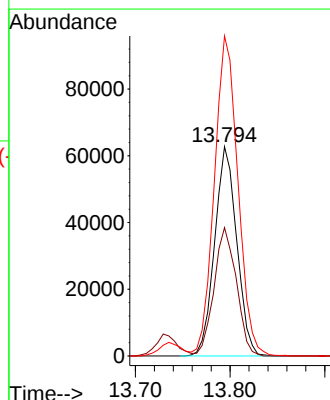
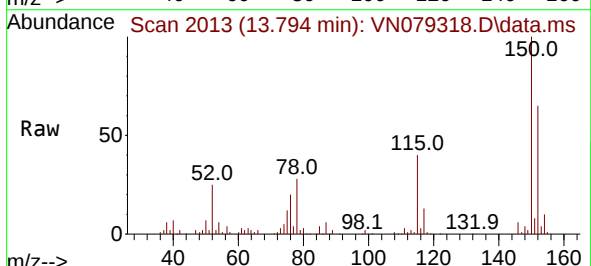
RT: 13.794 min Scan# 2013

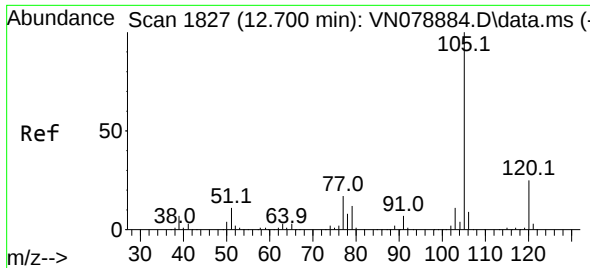
Delta R.T. 0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Tgt Ion:	152	Resp:	101912
Ion Ratio	Lower	Upper	
152	100		
115	61.9	32.3	96.8
150	162.8	0.0	355.8





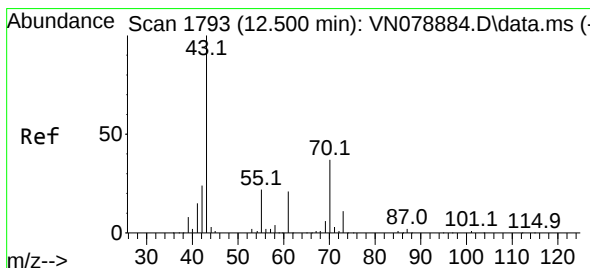
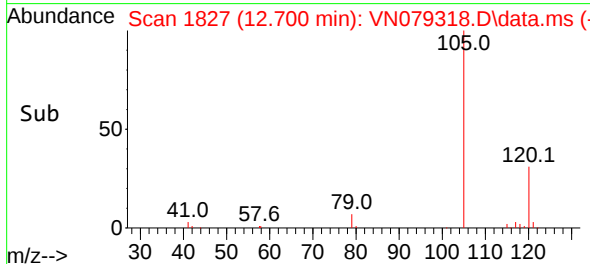
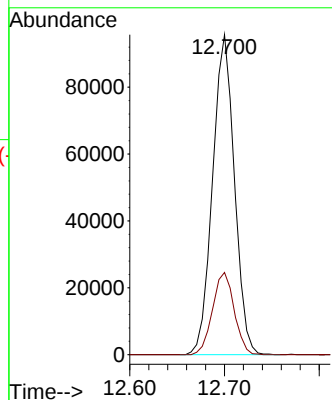
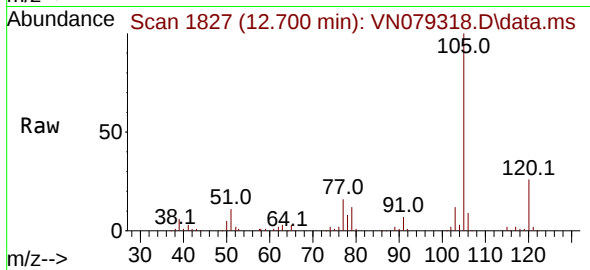
#73
Isopropylbenzene
Concen: 16.519 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tgt Ion:105 Resp: 15316
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

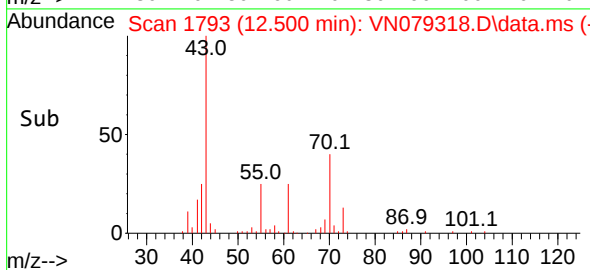
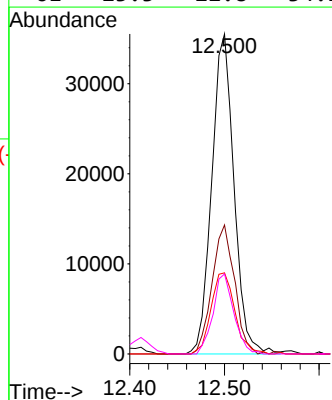
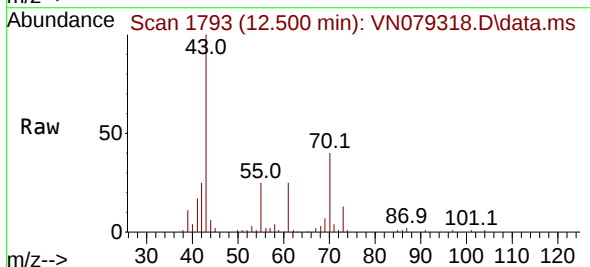
Manual Integrations
APPROVED

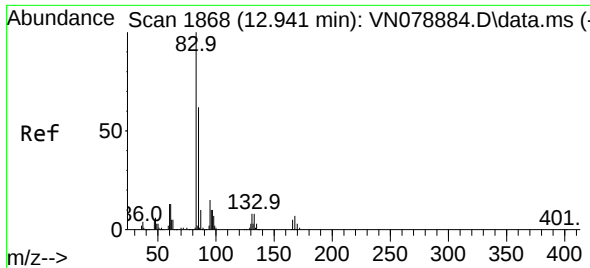
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#74
N-ethyl acetate
Concen: 16.509 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

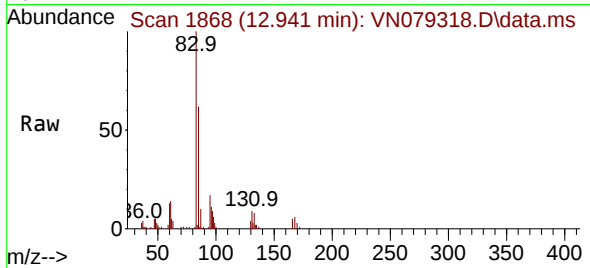
Tgt Ion: 43 Resp: 58074
Ion Ratio Lower Upper
43 100
70 40.6 43.4 65.2#
55 27.2 21.4 32.0
61 23.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 16.657 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

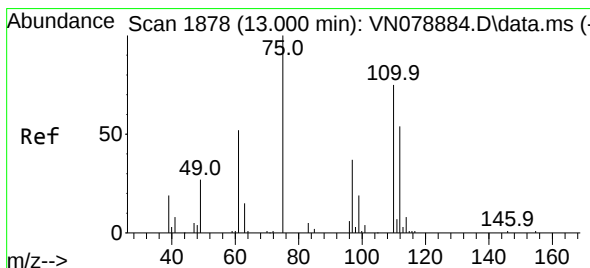
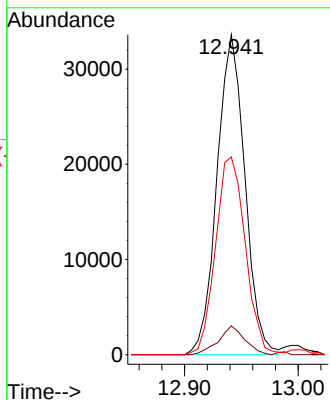
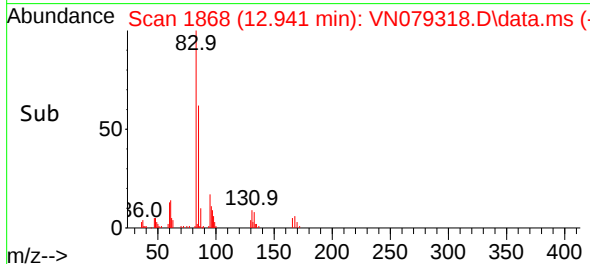
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



Tgt Ion: 83 Resp: 5751
Ion Ratio Lower Upper
83 100
131 8.4 5.0 15.0
85 65.7 31.9 95.7

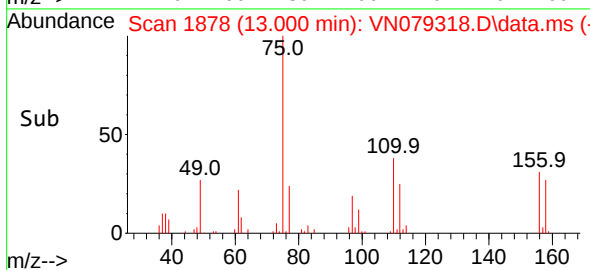
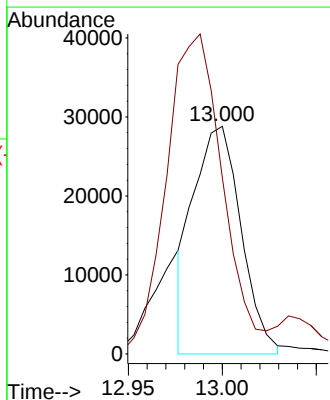
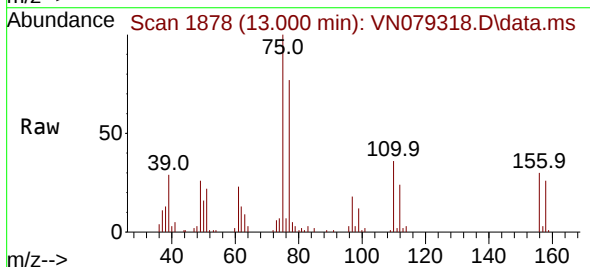
Manual Integrations
APPROVED

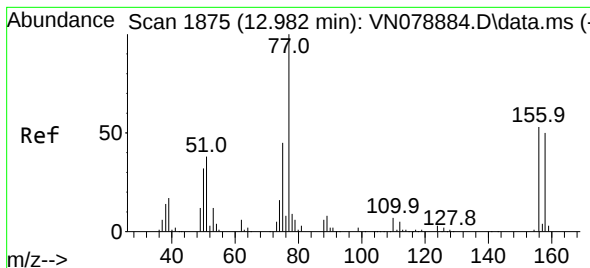
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#76
1,2,3-Trichloropropane
Concen: 18.441 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Tgt Ion: 75 Resp: 50652
Ion Ratio Lower Upper
75 100
77 167.1 84.5 253.5





#77

Bromobenzene

Concen: 15.742 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

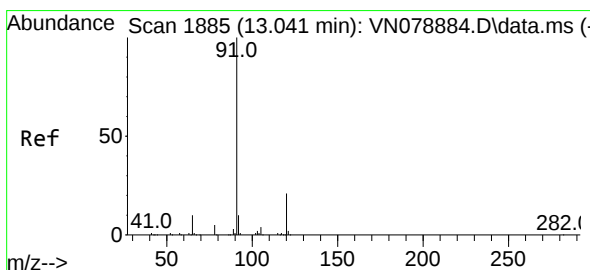
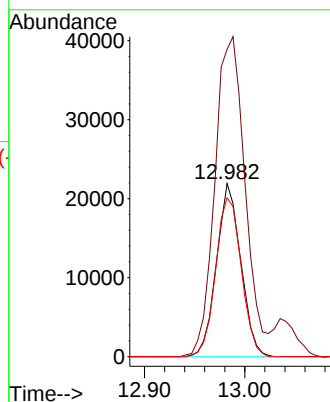
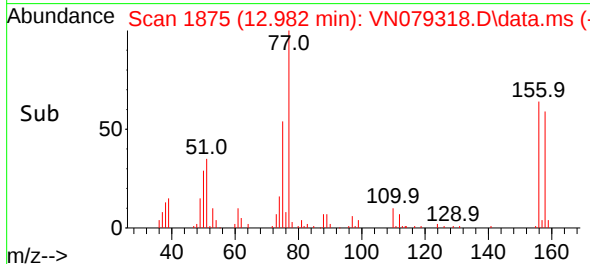
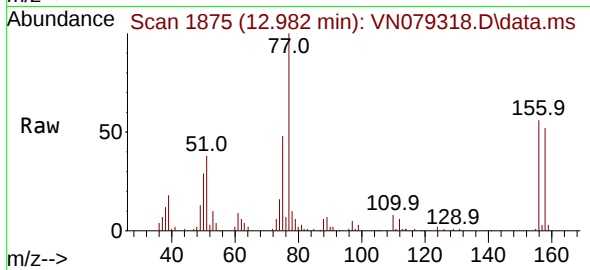
Tgt Ion:156 Resp: 3695
 Ion Ratio Lower Upper
 156 100
 77 229.0 107.7 323.3
 158 96.3 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#78

n-propylbenzene

Concen: 17.669 ug/l

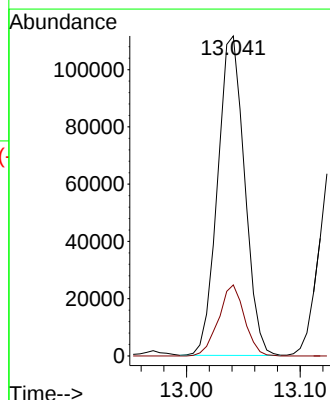
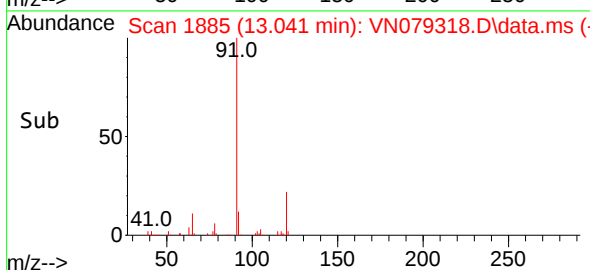
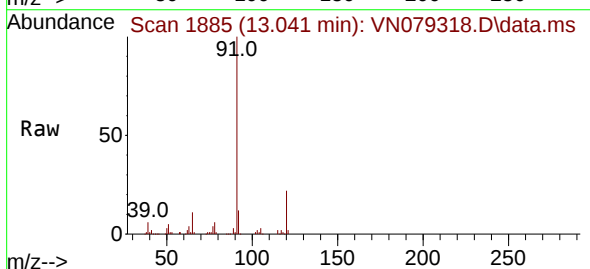
RT: 13.041 min Scan# 1885

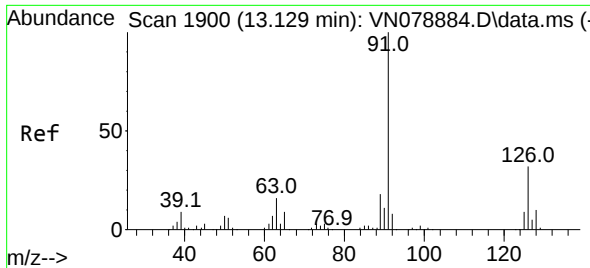
Delta R.T. 0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Tgt Ion: 91 Resp: 184033
 Ion Ratio Lower Upper
 91 100
 120 21.3 11.5 34.4





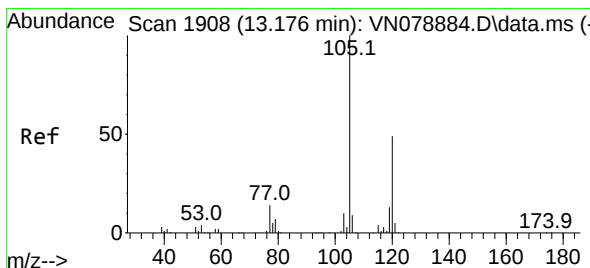
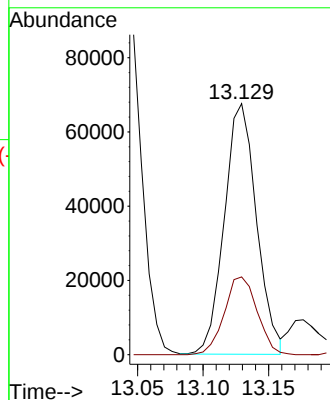
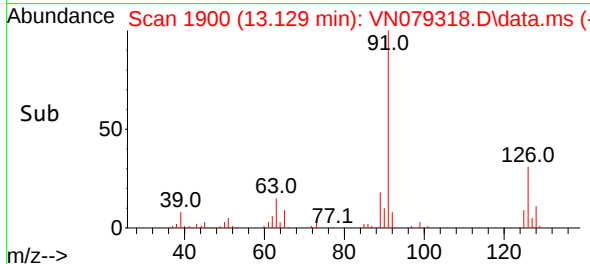
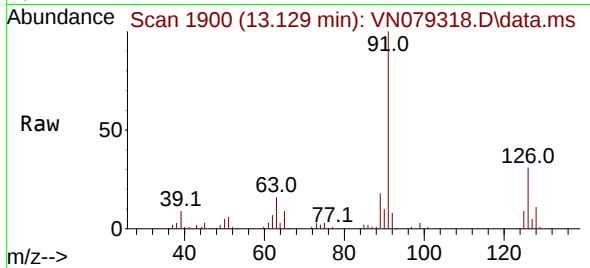
#79
2-Chlorotoluene
Concen: 16.939 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tgt Ion: 91 Resp: 115394
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8

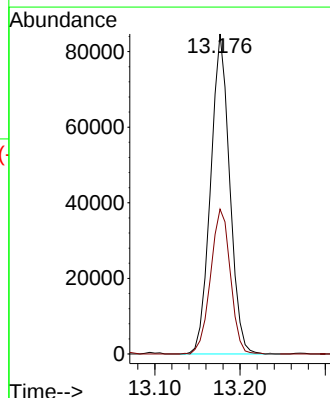
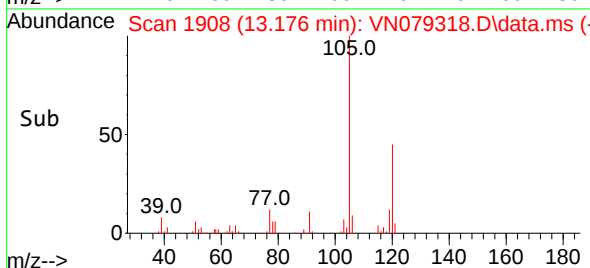
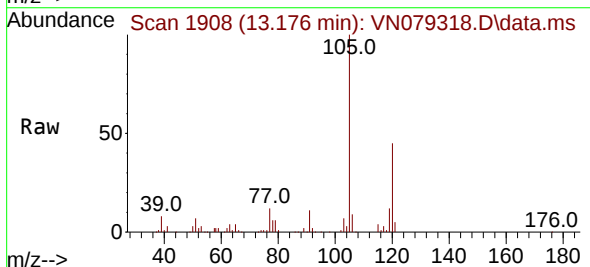
Manual Integrations
APPROVED

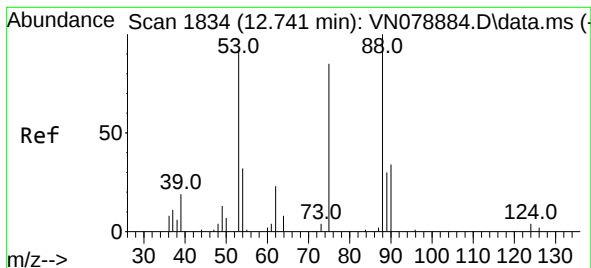
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.003 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

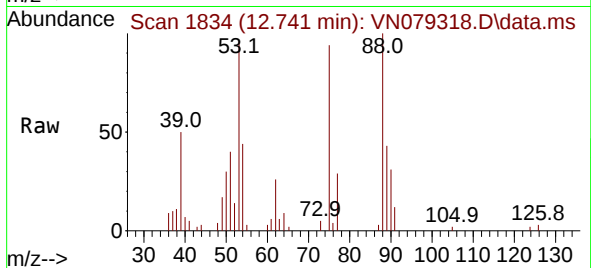
Tgt Ion:105 Resp: 131365
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.749 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

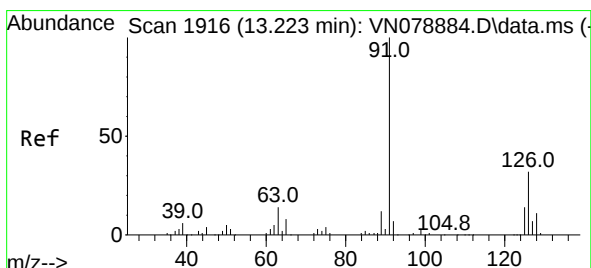
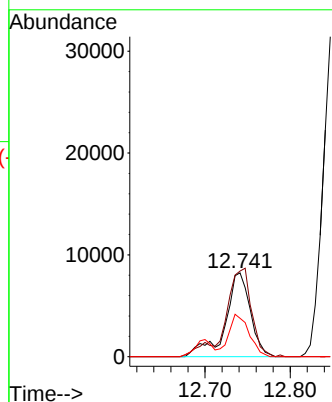
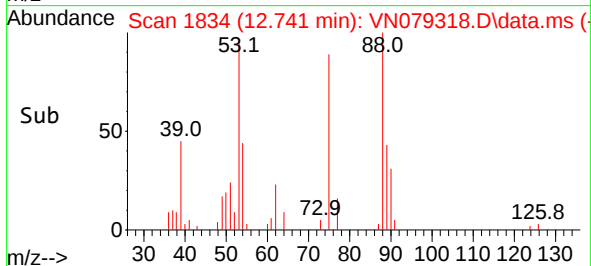
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



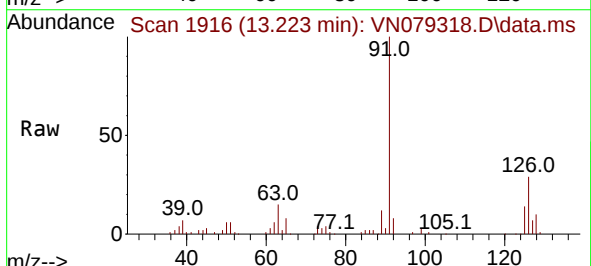
Tgt Ion: 75 Resp: 1673
Ion Ratio Lower Upper
75 100
53 97.4 67.4 101.2
89 41.9 38.8 58.2

Manual Integrations
APPROVED

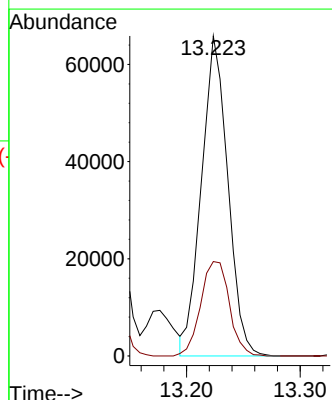
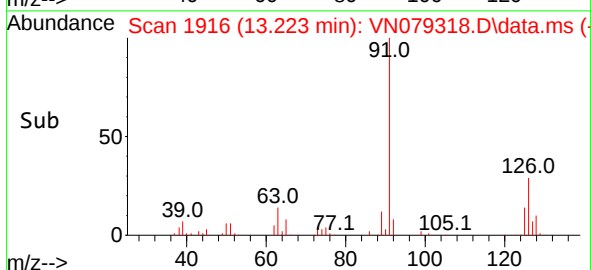
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

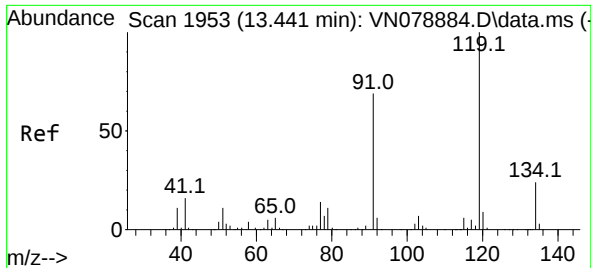


#82
4-Chlorotoluene
Concen: 16.584 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00



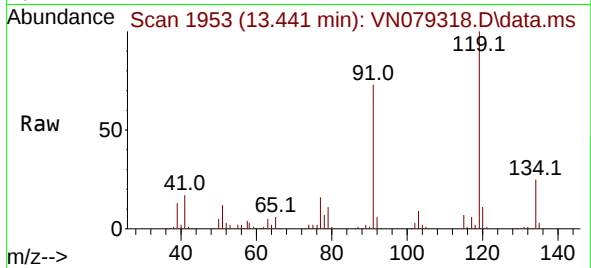
Tgt Ion: 91 Resp: 106157
Ion Ratio Lower Upper
91 100
126 32.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 16.208 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

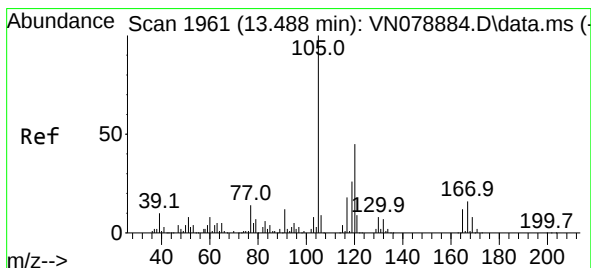
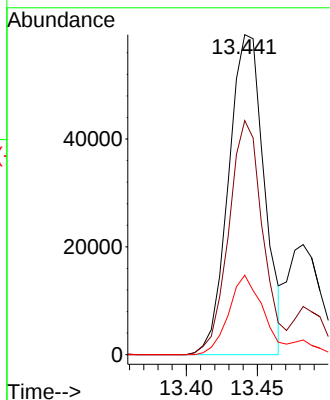
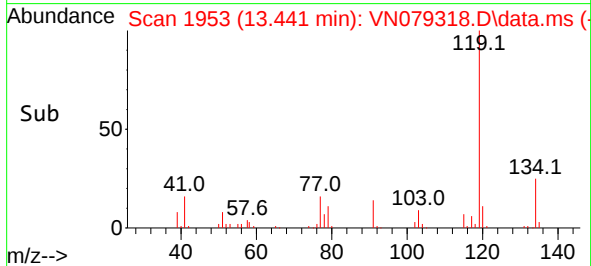
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



Tgt Ion:119 Resp: 103590
Ion Ratio Lower Upper
119 100
91 70.5 33.9 101.7
134 24.1 13.2 39.6

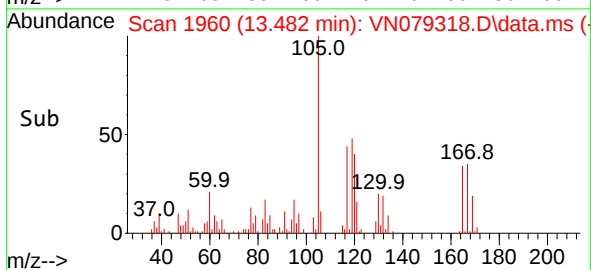
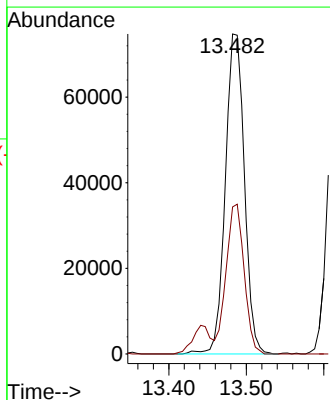
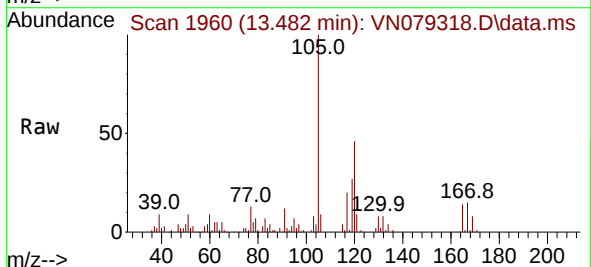
Manual Integrations
APPROVED

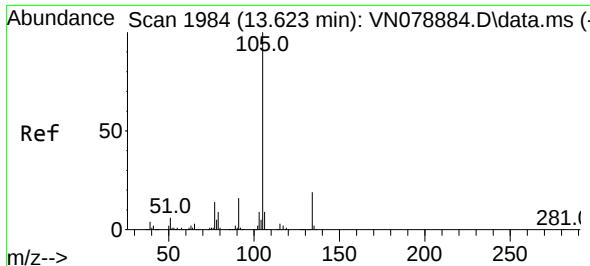
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 17.378 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

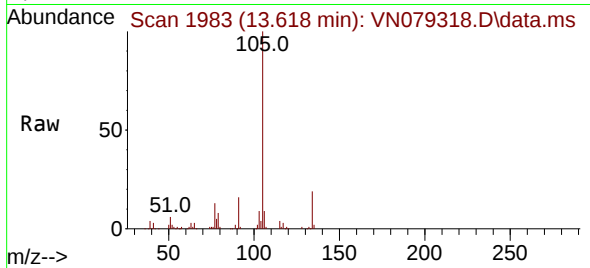
Tgt Ion:105 Resp: 127869
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.144 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079318.D
 Acq: 21 Sep 2023 12:00

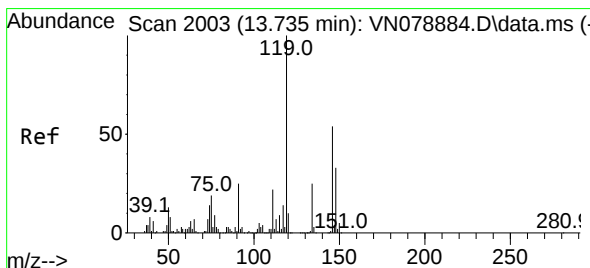
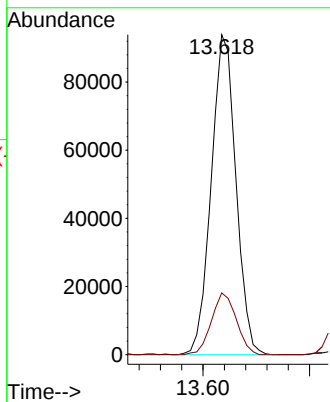
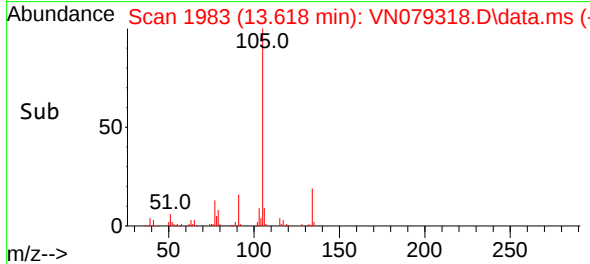
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01



Tgt Ion:105 Resp: 15085
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

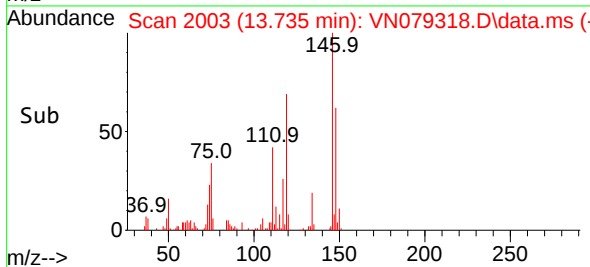
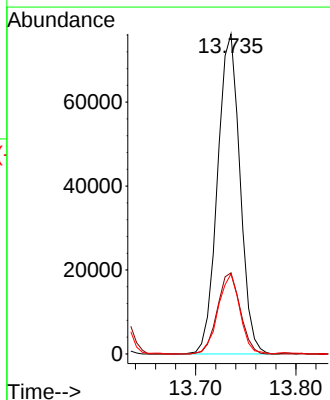
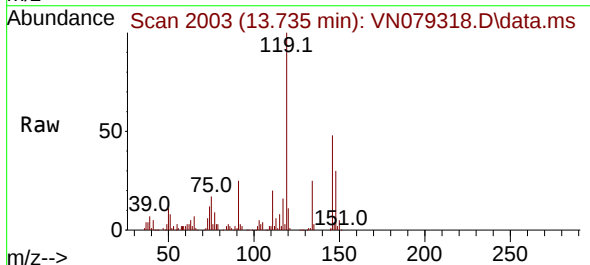
Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023



#86
 p-Isopropyltoluene
 Concen: 16.863 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079318.D
 Acq: 21 Sep 2023 12:00

Tgt Ion:119 Resp: 118541
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.038 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

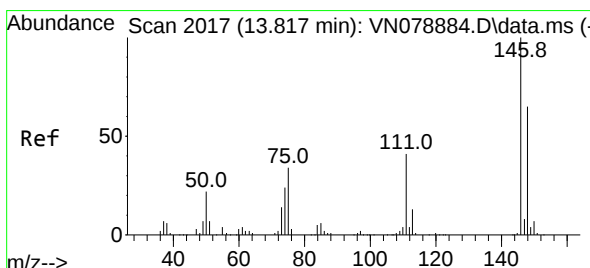
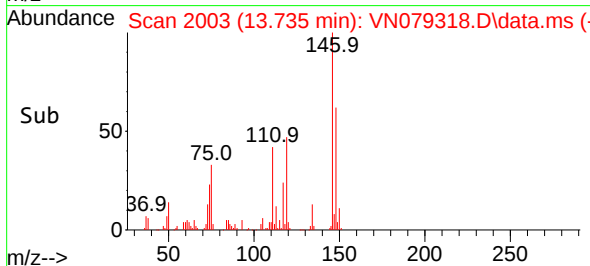
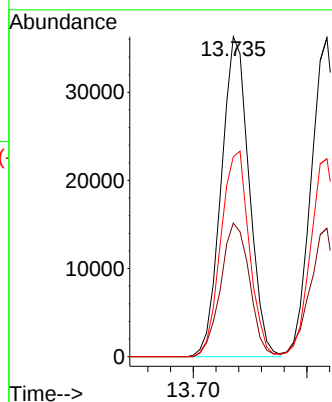
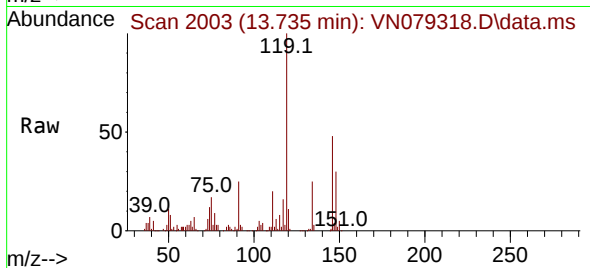
Tgt Ion:146 Resp: 61762
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.1 66.3
 148 65.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#88

1,4-Dichlorobenzene

Concen: 15.582 ug/l

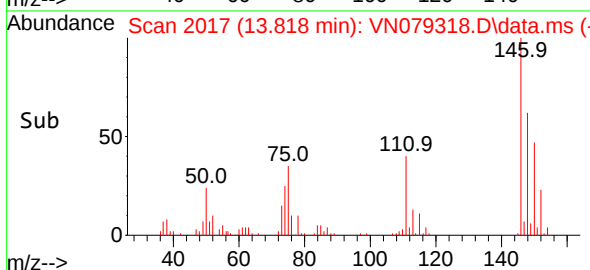
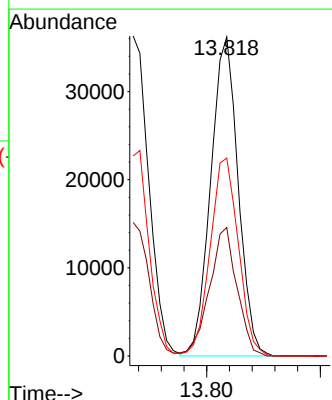
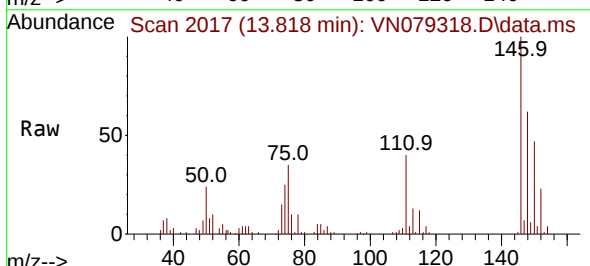
RT: 13.818 min Scan# 2017

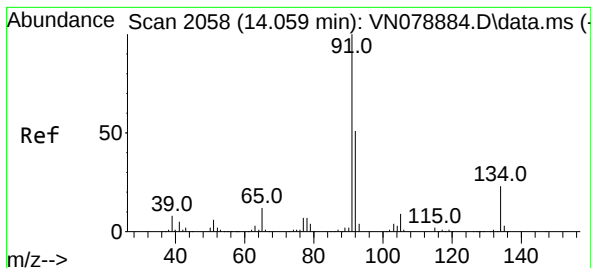
Delta R.T. -0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Tgt Ion:146 Resp: 60631
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 16.575 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

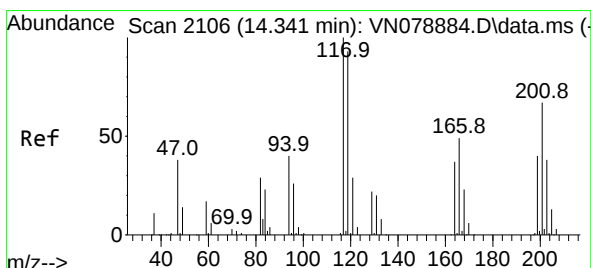
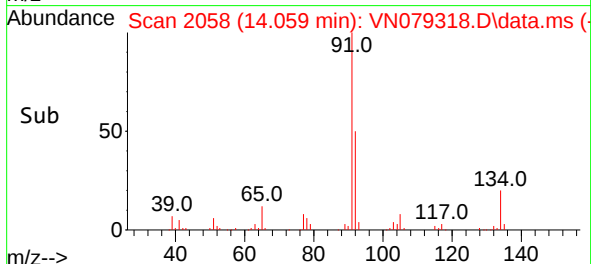
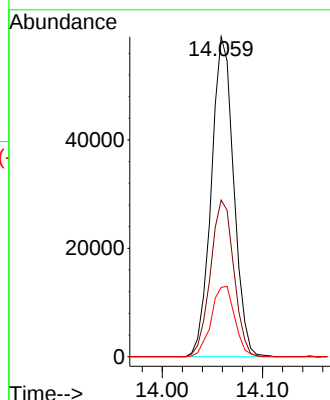
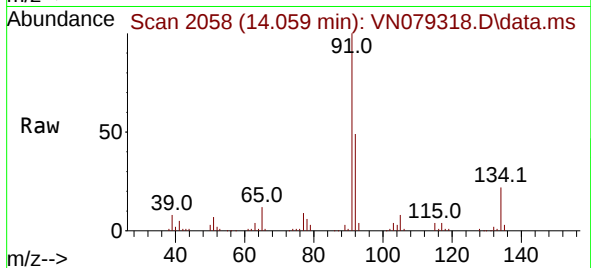
Tgt Ion: 91	Resp: 91629
Ion Ratio	Lower Upper
91 100	
92 51.0	26.4 79.0
134 23.2	12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#90

Hexachloroethane

Concen: 16.947 ug/l

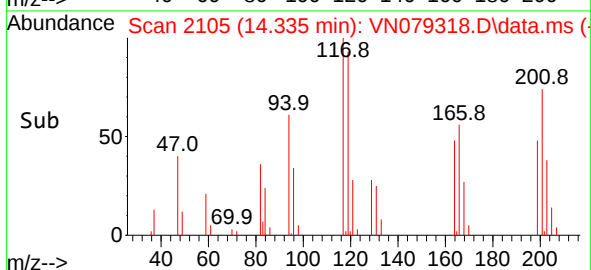
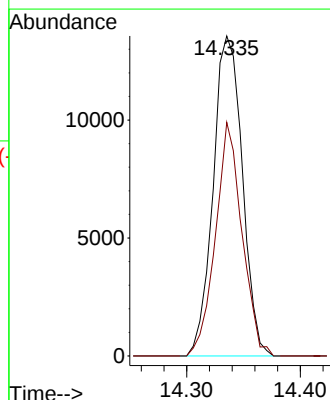
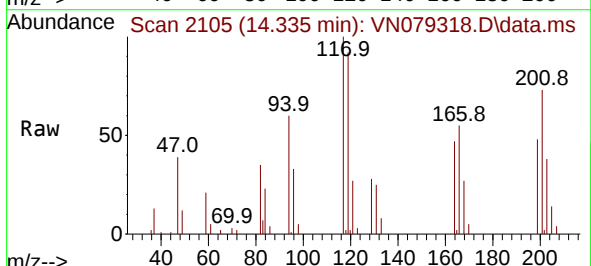
RT: 14.335 min Scan# 2105

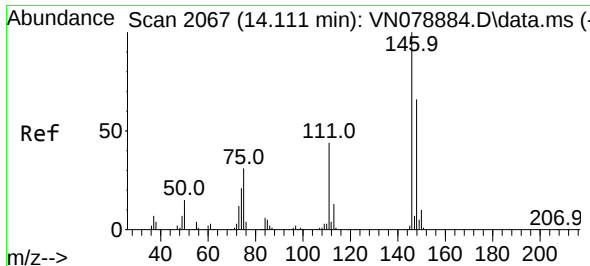
Delta R.T. 0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Tgt Ion: 117	Resp: 24193
Ion Ratio	Lower Upper
117 100	
201 66.3	29.3 88.0





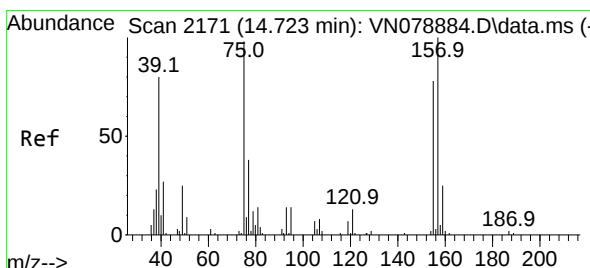
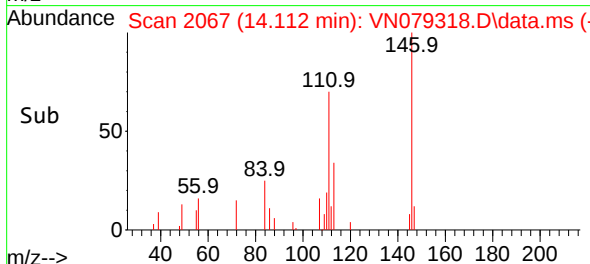
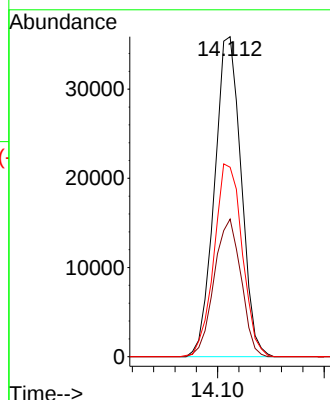
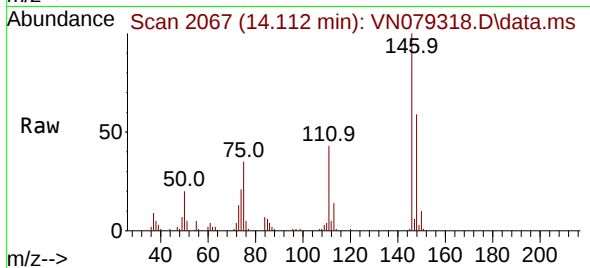
#91
1,2-Dichlorobenzene
Concen: 16.386 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01

Tgt Ion:146 Resp: 62292
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 63.6 31.8 95.3

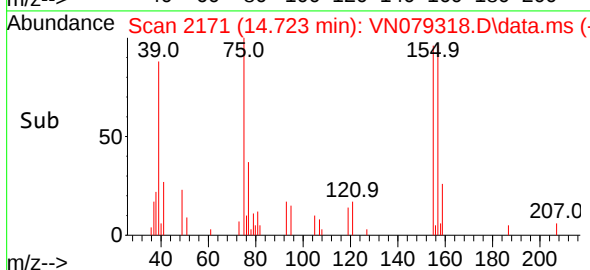
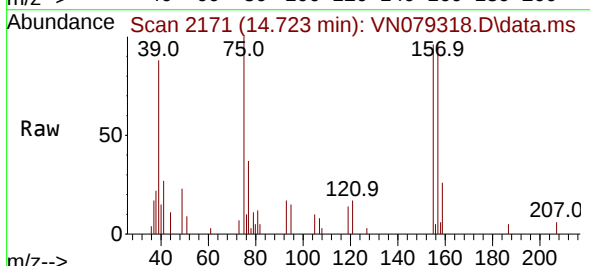
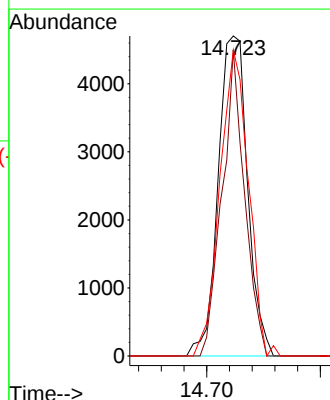
Manual Integrations
APPROVED

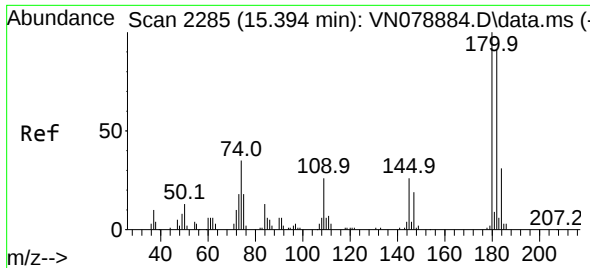
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.088 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

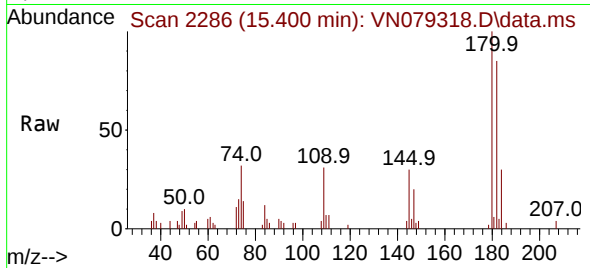
Tgt Ion: 75 Resp: 8444
Ion Ratio Lower Upper
75 100
155 73.7 39.1 117.2
157 92.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 12.800 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00

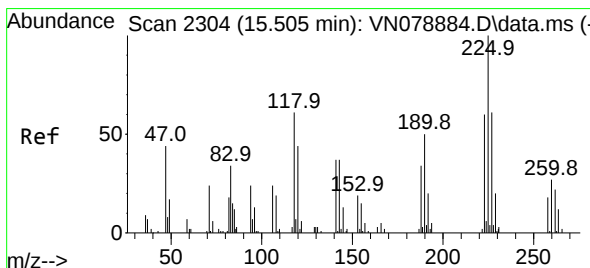
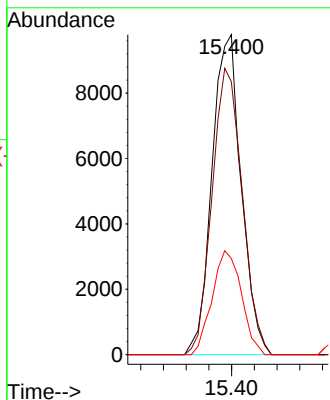
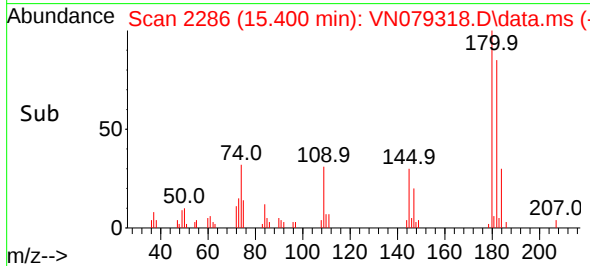
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD01



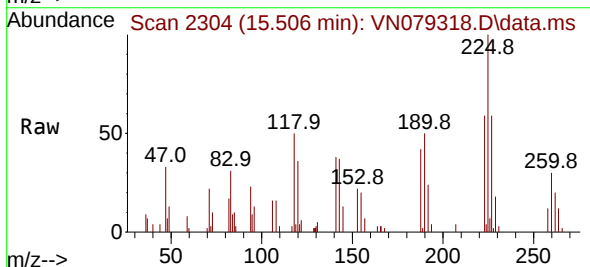
Tgt Ion:180 Resp: 17480
Ion Ratio Lower Upper
180 100
182 92.4 46.1 138.2
145 32.5 16.6 49.8

Manual Integrations
APPROVED

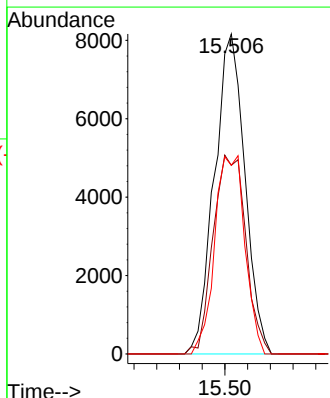
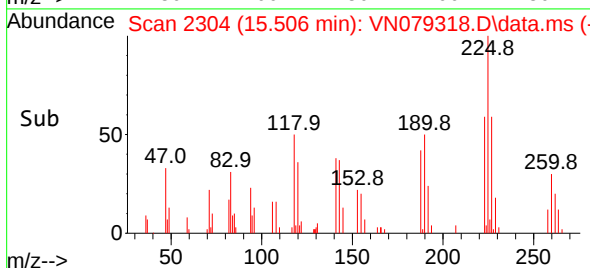
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

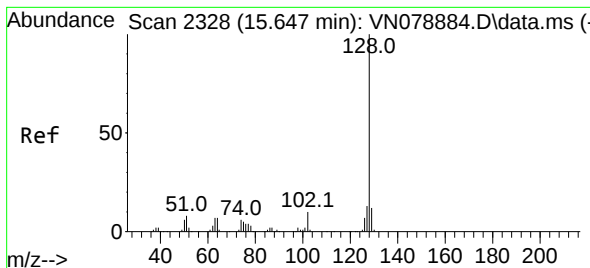


#94
Hexachlorobutadiene
Concen: 14.158 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079318.D
Acq: 21 Sep 2023 12:00



Tgt Ion:225 Resp: 15215
Ion Ratio Lower Upper
225 100
223 66.5 31.3 93.8
227 61.3 31.9 95.9





#95

Naphthalene

Concen: 10.519 ug/l

RT: 15.641 min Scan# 2328

Delta R.T. -0.006 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD01

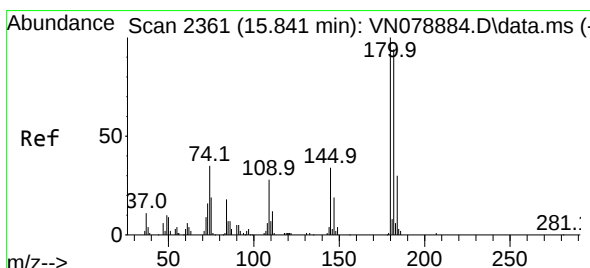
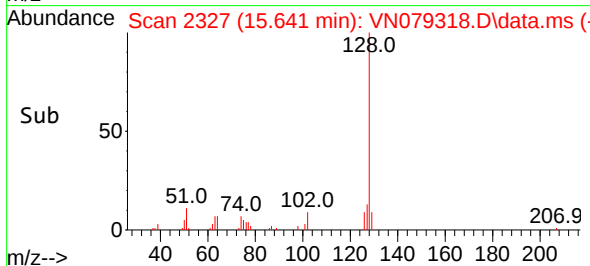
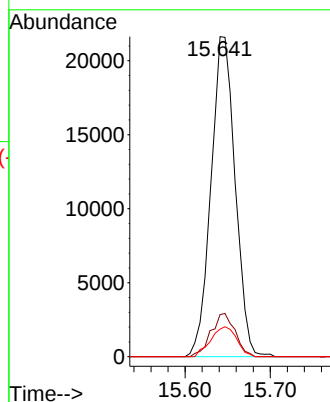
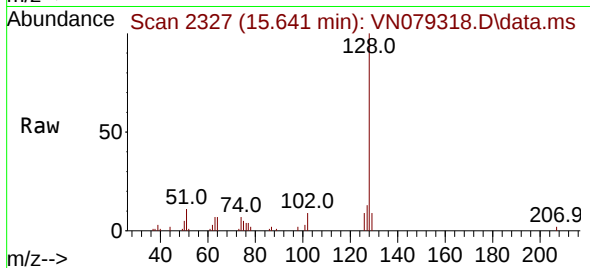
Tgt Ion:	128	Resp:	42680
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.0	15.0
129	10.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 12.776 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079318.D

Acq: 21 Sep 2023 12:00

Tgt Ion:	180	Resp:	20588
Ion Ratio	Lower	Upper	
180	100		
182	93.8	46.2	138.6
145	34.4	17.5	52.6

