

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091923\
 Data File : VN079299.D
 Acq On : 19 Sep 2023 13:24
 Operator : JC\MD
 Sample : VN0919WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2023
 Supervised By : Mahesh Dadoda 09/20/2023

Quant Time: Sep 19 15:40:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	40974	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	192489	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	177710	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	92553	30.065	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.233%			
60) 4-Bromofluorobenzene	12.853	95	81073	30.962	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.200%			
63) Toluene-d8	10.571	98	256677	30.906	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.033%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	39171	17.141	ug/l	97
3) Chloromethane	2.365	50	47000	20.511	ug/l	93
4) Vinyl Chloride	2.518	62	50793	22.405	ug/l	97
5) Bromomethane	2.965	94	30975	22.261	ug/l	86
6) Chloroethane	3.124	64	35127	25.300	ug/l	94
7) Trichlorofluoromethane	3.501	101	70100	25.972	ug/l	98
8) Diethyl Ether	3.965	74	25433	25.700	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.383	101	39583	26.613	ug/l	96
10) 1,1-Dichloroethene	4.348	96	35374	24.545	ug/l	98
11) Methyl Iodide	4.589	142	41137	22.660	ug/l	90
12) Methyl Acetate	5.036	43	86011	25.609	ug/l	98
13) Acrolein	4.183	56	26111	85.361	ug/l	94
14) Acrylonitrile	5.724	53	111639	113.299	ug/l	98
15) Acetone	4.430	58	33372	129.831	ug/l	78
16) Carbon Disulfide	4.718	76	99533	23.373	ug/l	97
17) Allyl chloride	5.024	41	57204	24.702	ug/l	97
18) Methylene Chloride	5.289	84	47907	24.784	ug/l	94
19) trans-1,2-Dichloroethene	5.794	96	40429	22.421	ug/l	95
20) Diisopropyl ether	6.677	45	146330	21.166	ug/l #	90
21) 1,1-Dichloroethane	6.577	63	84879	20.957	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	49157	17.432	ug/l	93
23) tert-Butyl Alcohol	5.524	59	36476	96.229	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	133020	23.387	ug/l	93
25) Chloroform	7.971	83	88260	18.072	ug/l	95
26) Cyclohexane	8.265	56	62846	17.112	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	62725	20.325	ug/l	97
30) 2-Butanone	7.488	43	154100	99.272	ug/l	99
31) 2,2-Dichloropropane	7.494	77	68322	22.194	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	75621	20.798	ug/l	96
33) Carbon Tetrachloride	8.365	117	63842	20.440	ug/l	97
34) Benzene	8.612	78	190576	19.436	ug/l	98
35) Methacrylonitrile	7.783	41	34475	20.627	ug/l	93
36) 1,2-Dichloroethane	8.677	62	71924	22.241	ug/l	96
37) Trichloroethene	9.353	130	45370	19.576	ug/l	96
38) Methylcyclohexane	9.606	83	58655	19.011	ug/l	99
39) 1,2-Dichloropropane	9.624	63	51323	20.291	ug/l	100
40) Dibromomethane	9.712	93	34182	20.493	ug/l	95
41) Bromodichloromethane	9.894	83	70944	21.336	ug/l #	95
42) Vinyl Acetate	6.612	43	422525	114.614	ug/l	97

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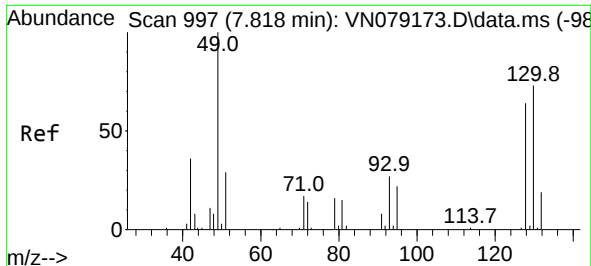
Manual Integrations
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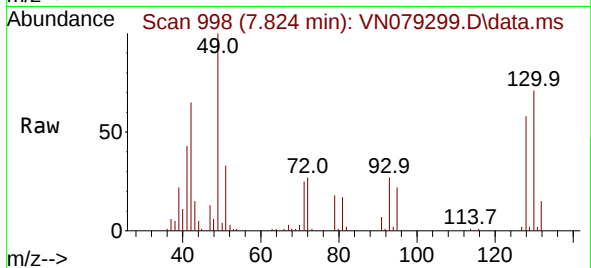
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	57942	19.654	ug/l	100
44) Isopropyl Acetate	8.688	43	102229	19.276	ug/l	97
45) 1,4-Dioxane	9.700	88	17541	332.285	ug/l #	95
46) Methyl methacrylate	9.682	41	48447	20.447	ug/l	91
47) n-amyl Acetate	12.500	43	73879	19.808	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	70316	19.547	ug/l	93
49) cis-1,3-Dichloropropene	10.318	75	78095	20.813	ug/l #	86
50) 1,1,2-Trichloroethane	11.024	97	48559	20.752	ug/l	98
51) Ethyl methacrylate	10.876	69	66260	18.335	ug/l	87
52) 1,3-Dichloropropane	11.171	76	82657	20.691	ug/l	100
53) Dibromochloromethane	11.365	129	50133	20.427	ug/l	100
54) 1,2-Dibromoethane	11.471	107	46543	19.587	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	113396	88.309	ug/l	99
56) Bromoform	12.582	173	32713	19.129	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	320013	98.131	ug/l	93
59) 2-Hexanone	11.200	43	225177	98.321	ug/l	95
61) Tetrachloroethene	11.112	164	38154	19.731	ug/l	94
62) Toluene	10.635	91	199101	19.242	ug/l	100
64) Chlorobenzene	11.894	112	118136	19.571	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	46662	20.191	ug/l	97
66) Ethyl Benzene	11.965	91	207894	19.955	ug/l	100
67) m/p-Xylenes	12.076	106	154556	39.427	ug/l	95
68) o-Xylene	12.406	106	75298	19.917	ug/l	99
69) Styrene	12.418	104	119888	19.882	ug/l	96
70) Isopropylbenzene	12.700	105	193003	20.084	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	70317	19.561	ug/l	95
72) 1,2,3-Trichloropropane	13.000	75	54085m	17.881	ug/l	
73) Bromobenzene	12.982	156	45335	18.886	ug/l	98
74) n-propylbenzene	13.041	91	231273	21.123	ug/l	99
75) 2-Chlorotoluene	13.129	91	138681	19.753	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	161804	20.364	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	18392	17.271	ug/l	89
78) 4-Chlorotoluene	13.223	91	133783	20.181	ug/l	99
79) tert-butylbenzene	13.447	119	133952	20.539	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	159615	21.035	ug/l	100
81) sec-Butylbenzene	13.617	105	185304	20.766	ug/l	99
82) p-Isopropyltoluene	13.735	119	148544	21.074	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	77520	20.335	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	74512	20.841	ug/l	98
85) n-Butylbenzene	14.059	91	114546	21.337	ug/l	96
86) Hexachloroethane	14.335	117	30419	21.797	ug/l	92
87) 1,2-Dichlorobenzene	14.112	146	77191	20.518	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10612	17.465	ug/l	97
89) 1,2,4-Trichlorobenzene	15.847	180	28327	17.596	ug/l	99
90) Hexachlorobutadiene	15.506	225	19905	20.356	ug/l	98
91) Naphthalene	15.647	128	58422	13.887	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	28327	17.596	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

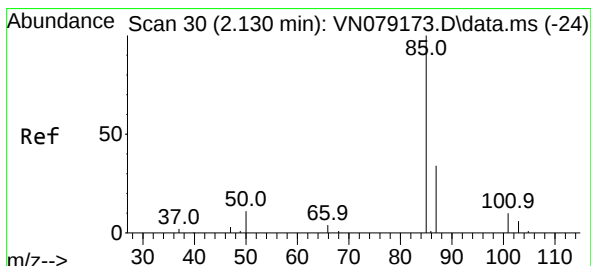
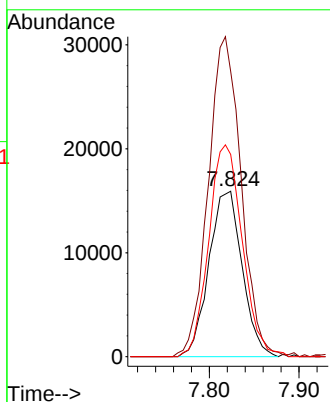
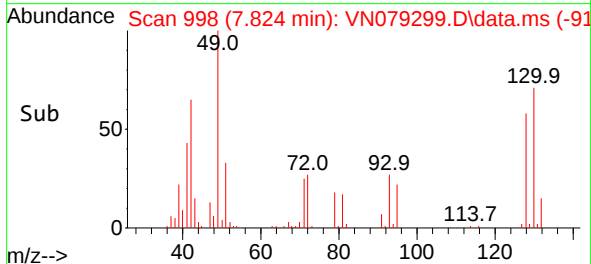
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion:128 Resp: 40974
Ion Ratio Lower Upper
128 100
49 190.6 0.0 414.3
130 129.4 0.0 311.0

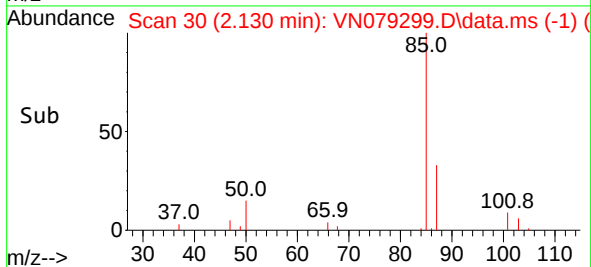
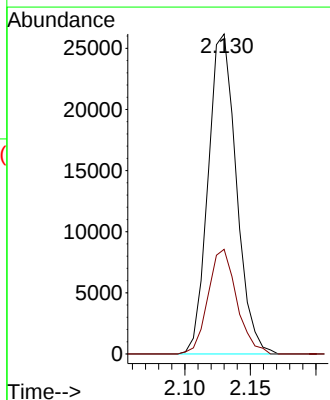
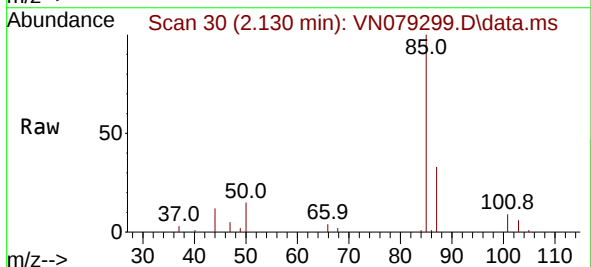
Manual Integrations
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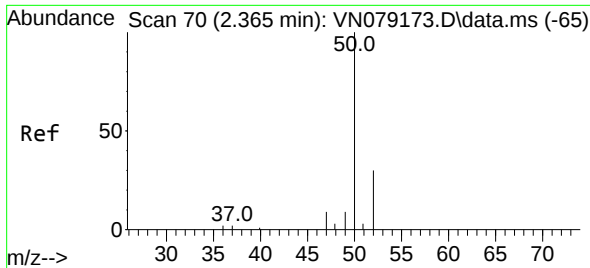
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#2
Dichlorodifluoromethane
Concen: 17.141 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

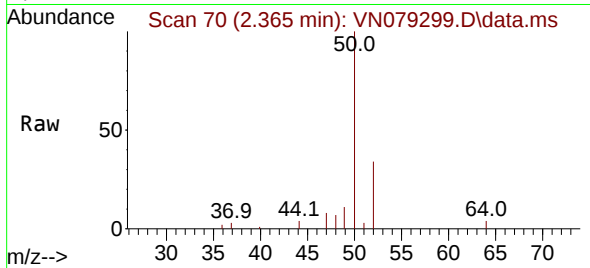
Tgt Ion: 85 Resp: 39171
Ion Ratio Lower Upper
85 100
87 32.7 17.3 51.7





#3
Chloromethane
Concen: 20.511 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

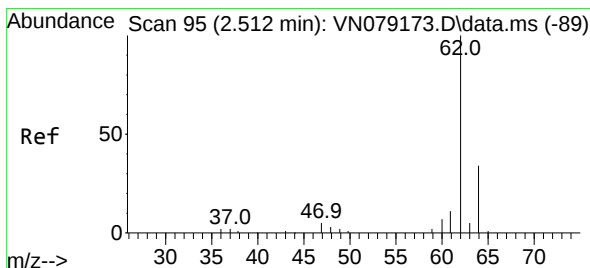
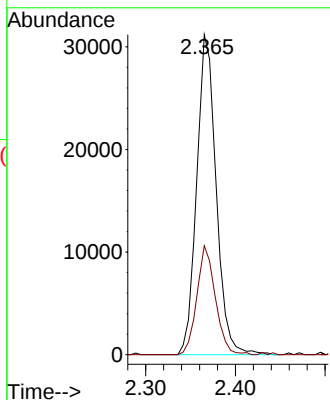
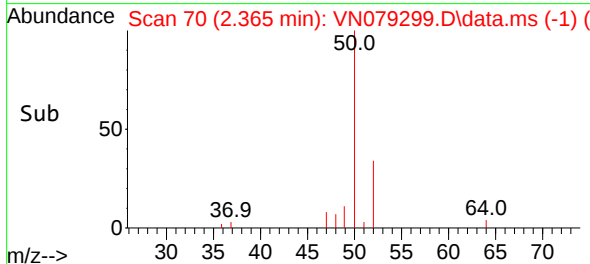
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion: 50 Resp: 47000
Ion Ratio Lower Upper
50 100
52 34.1 24.0 36.0

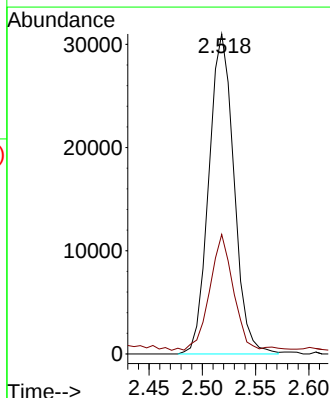
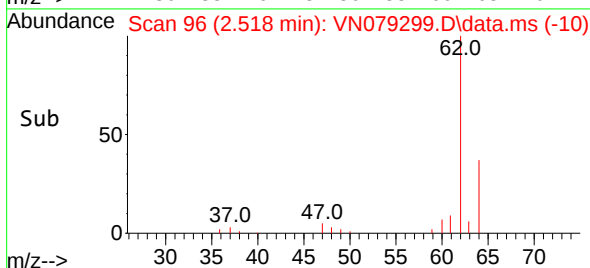
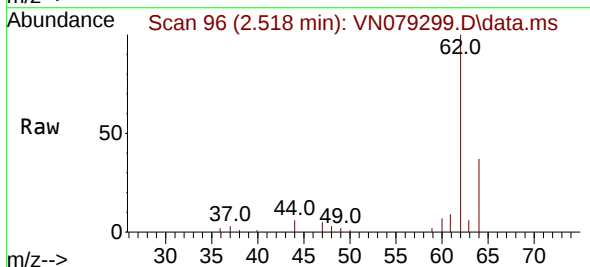
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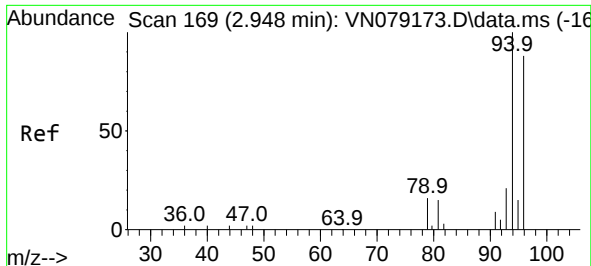
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#4
Vinyl Chloride
Concen: 22.405 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

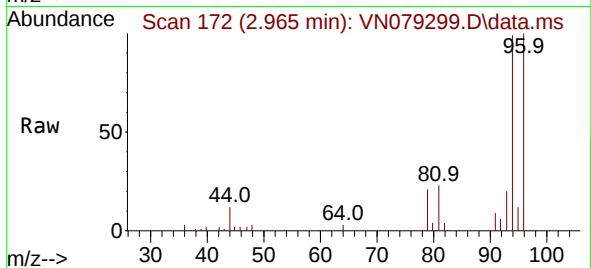
Tgt Ion: 62 Resp: 50793
Ion Ratio Lower Upper
62 100
64 35.6 27.1 40.7





#5
Bromomethane
Concen: 22.261 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

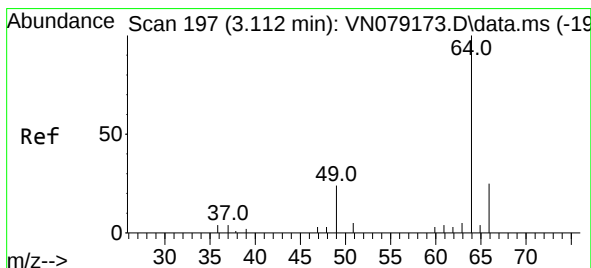
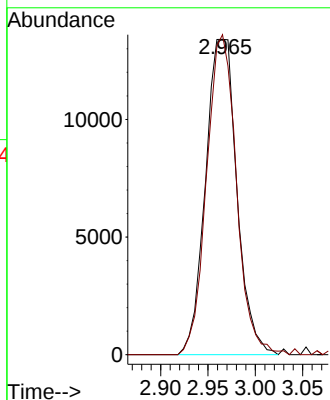
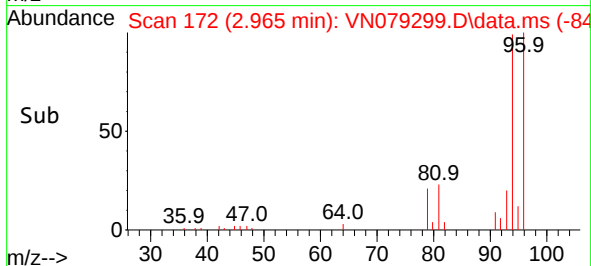
Instrument :
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ClientSampleId :
VN0919WBSD01



Tgt Ion: 94 Resp: 3097
Ion Ratio Lower Upper
94 100
96 101.5 70.6 105.8

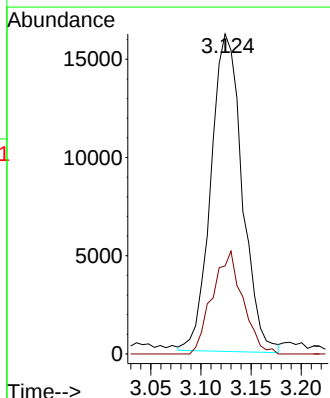
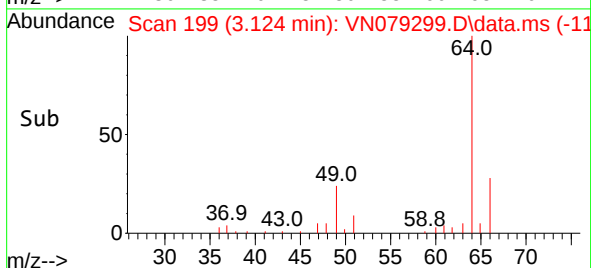
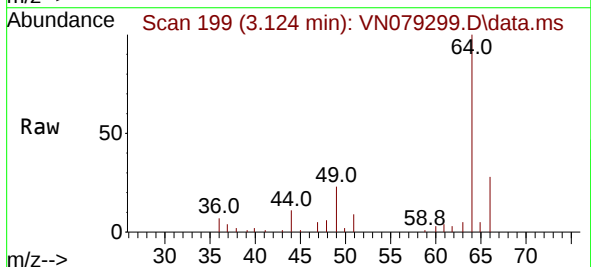
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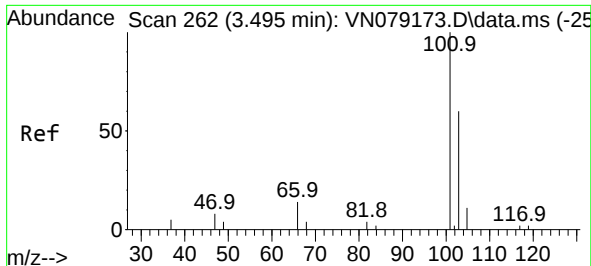
Reviewed By :John Carlone 09/19/2023
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#6
Chloroethane
Concen: 25.300 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

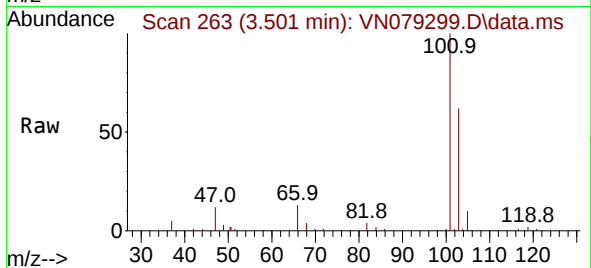
Tgt Ion: 64 Resp: 35127
Ion Ratio Lower Upper
64 100
66 28.1 20.1 30.1





#7
Trichlorofluoromethane
Concen: 25.972 ug/l
RT: 3.501 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

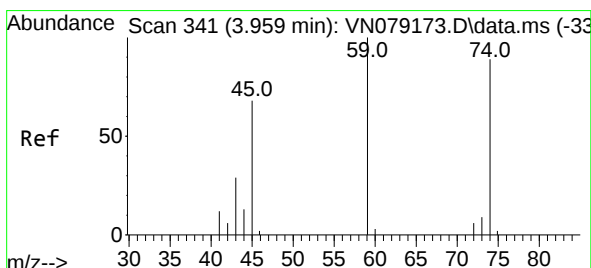
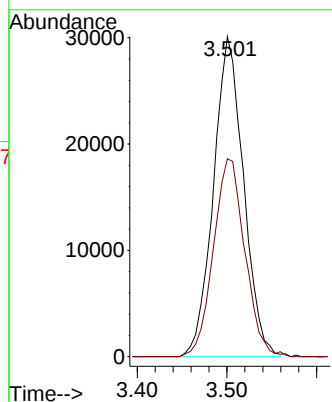
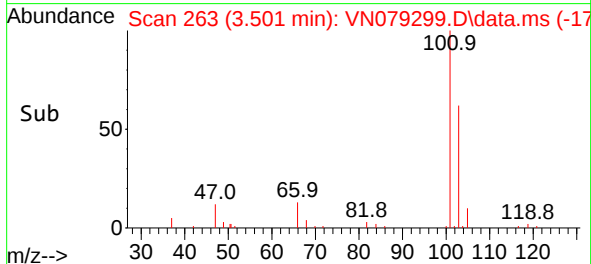
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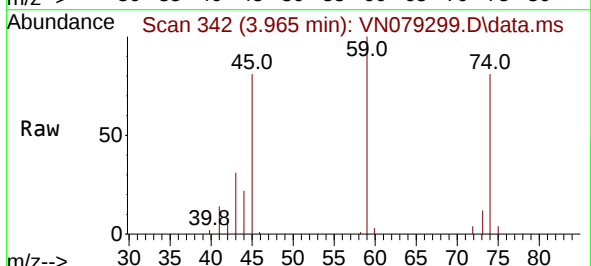
Tgt Ion:101 Resp: 70100
Ion Ratio Lower Upper
101 100
103 61.9 48.2 72.4

Manual Integrations
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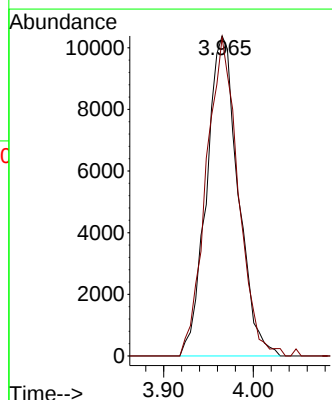
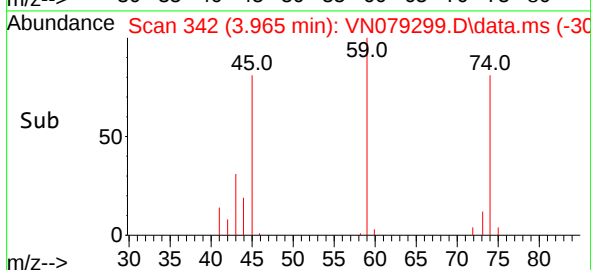
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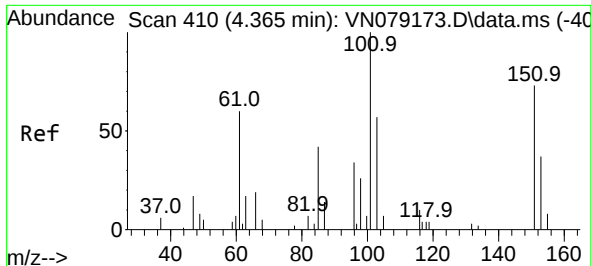


#8
Diethyl Ether
Concen: 25.700 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24



Tgt Ion: 74 Resp: 25433
Ion Ratio Lower Upper
74 100
45 99.9 17.6 158.0





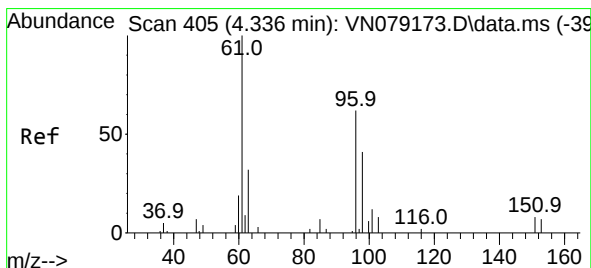
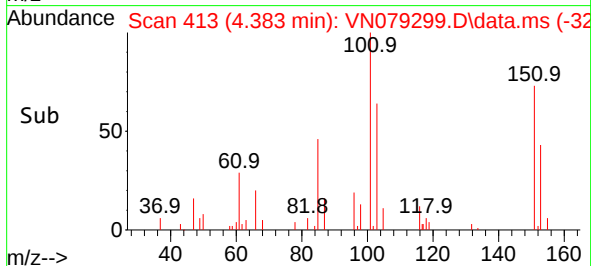
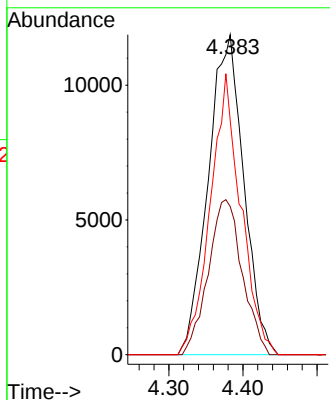
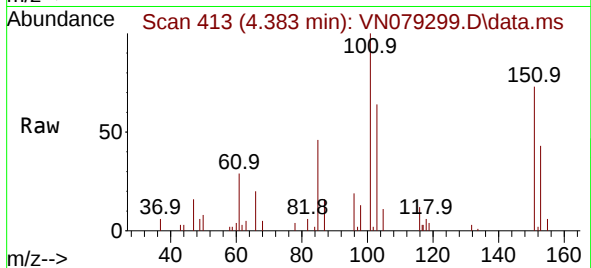
#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.613 ug/l
RT: 4.383 min Scan# 410
Delta R.T. 0.018 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion:101 Resp: 3958
Ion Ratio Lower Upper
101 100
85 46.4 0.0 85.6
151 75.7 0.0 155.8

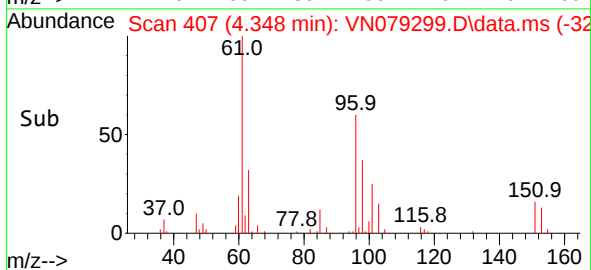
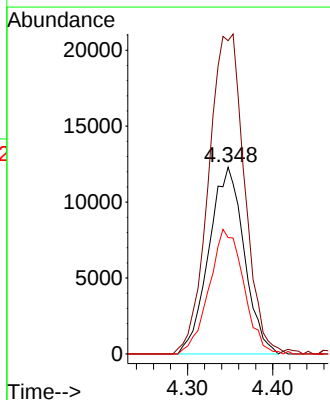
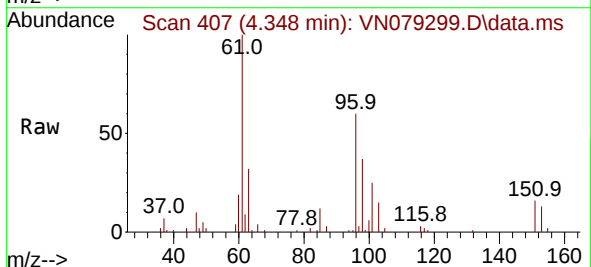
Manual Integrations
APPROVED

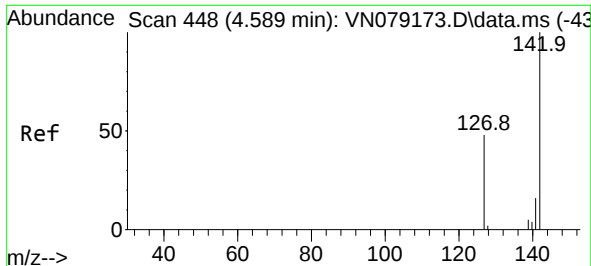
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#10
1,1-Dichloroethene
Concen: 24.545 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

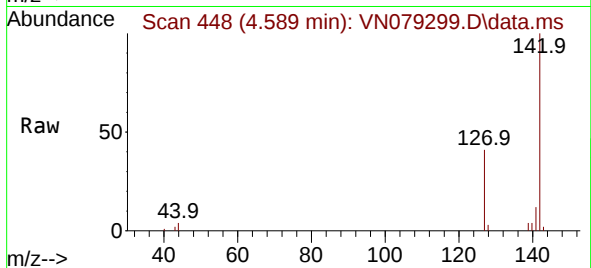
Tgt Ion: 96 Resp: 35374
Ion Ratio Lower Upper
96 100
61 165.0 130.2 195.2
98 62.3 52.3 78.5





#11
Methyl Iodide
Concen: 22.660 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

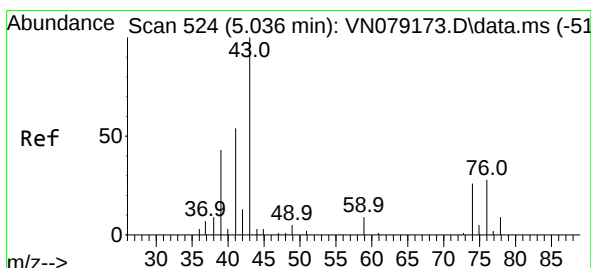
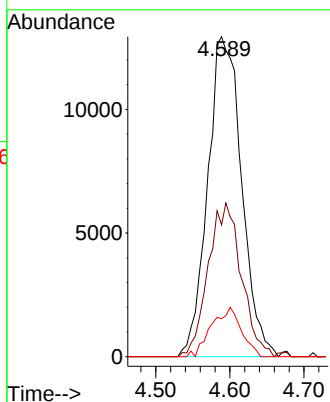
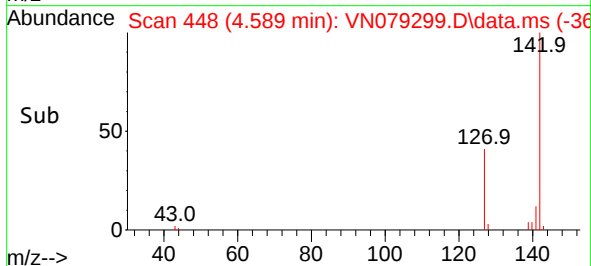
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion:142 Resp: 4113
Ion Ratio Lower Upper
142 100
127 40.6 23.8 71.4
141 11.9 8.2 24.6

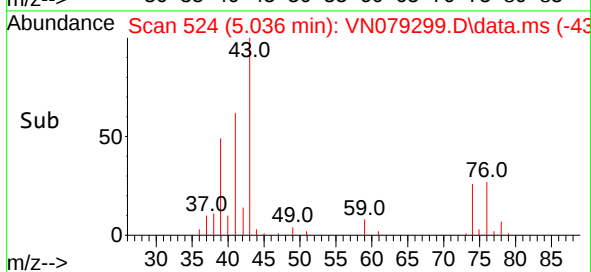
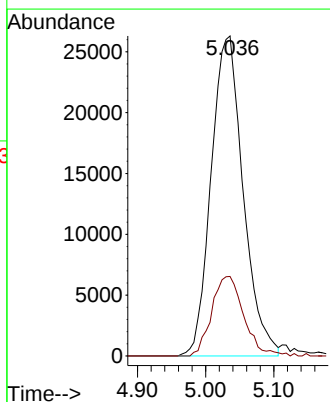
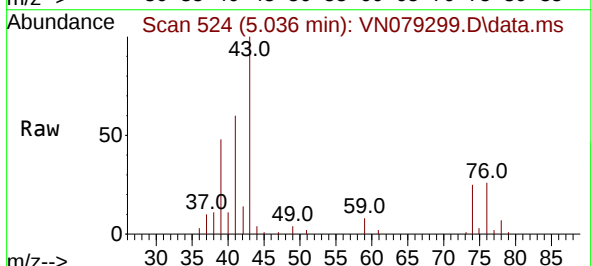
Manual Integrations
APPROVED

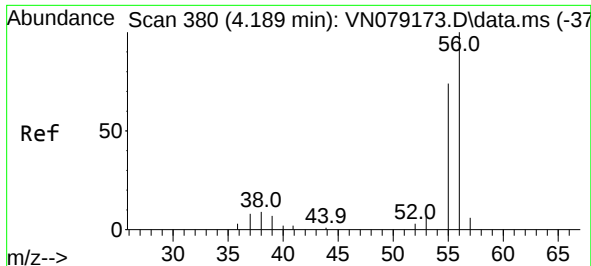
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#12
Methyl Acetate
Concen: 25.609 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

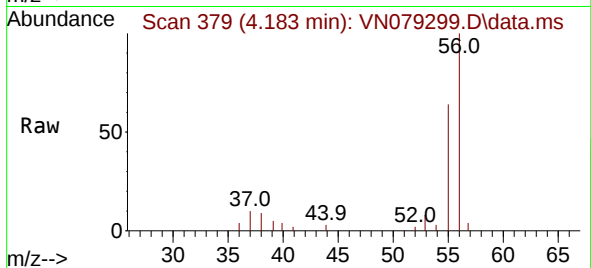
Tgt Ion: 43 Resp: 86011
Ion Ratio Lower Upper
43 100
74 24.7 20.4 30.6





#13
Acrolein
Concen: 85.361 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

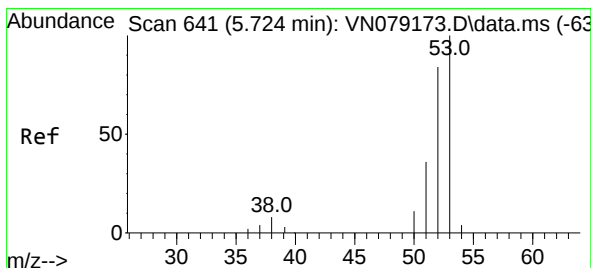
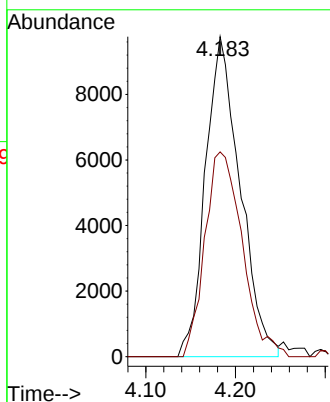
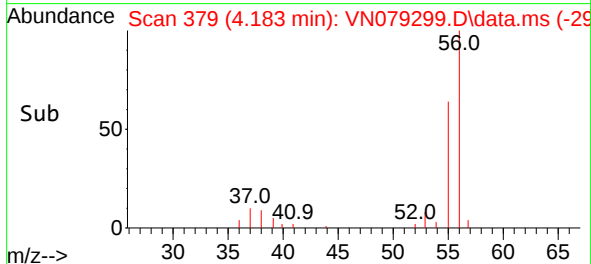
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



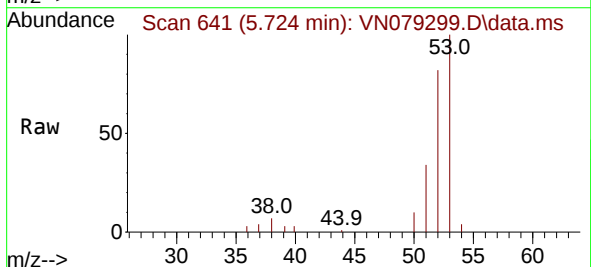
Tgt Ion: 56 Resp: 2611
Ion Ratio Lower Upper
56 100
55 67.0 57.7 86.5

Manual Integrations
APPROVED

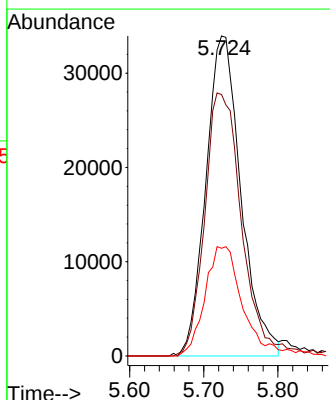
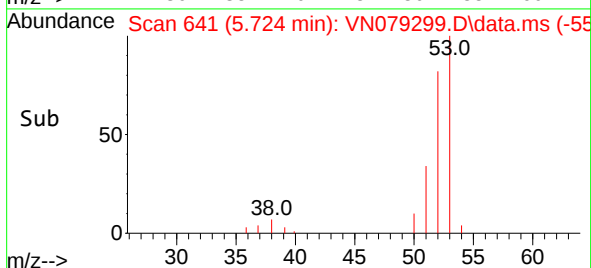
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023

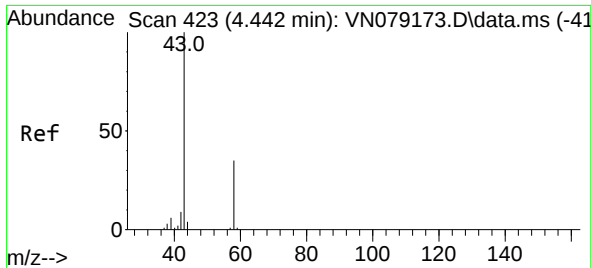


#14
Acrylonitrile
Concen: 113.299 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24



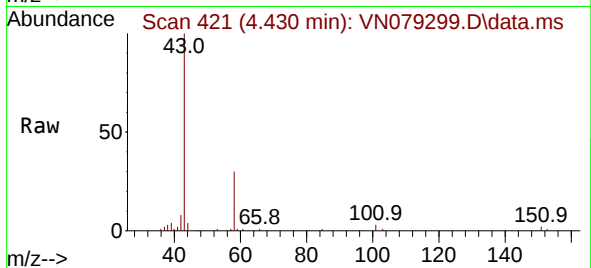
Tgt Ion: 53 Resp: 111639
Ion Ratio Lower Upper
53 100
52 85.0 41.4 124.4
51 35.0 17.3 51.9





#15
Acetone
Concen: 129.831 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

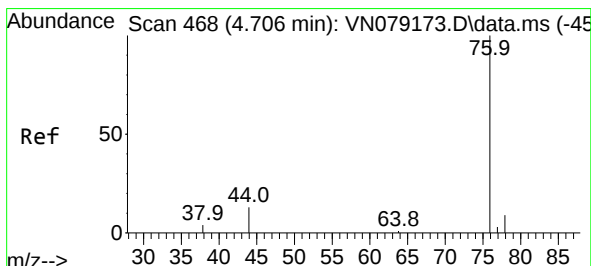
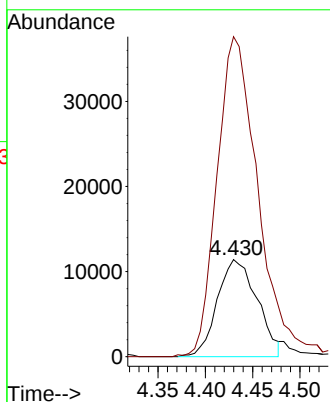
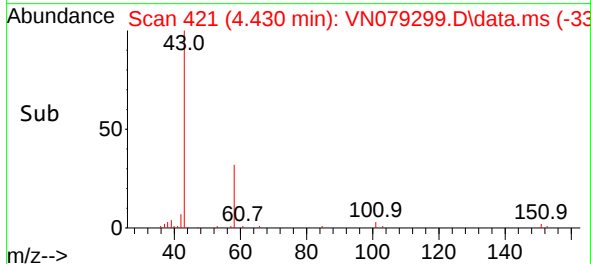
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion: 58 Resp: 33372
Ion Ratio Lower Upper
58 100
43 327.1 228.3 342.5

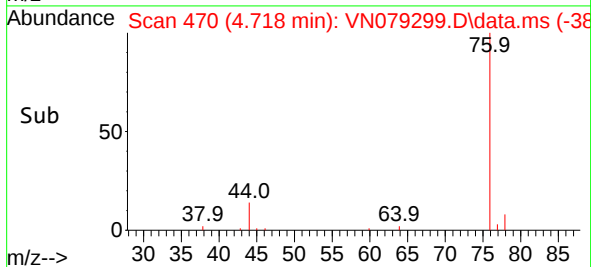
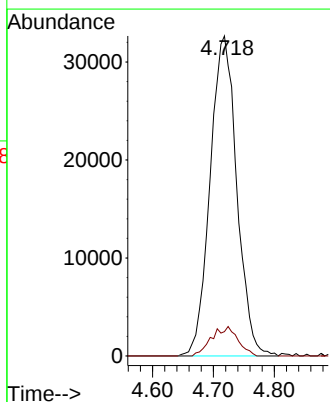
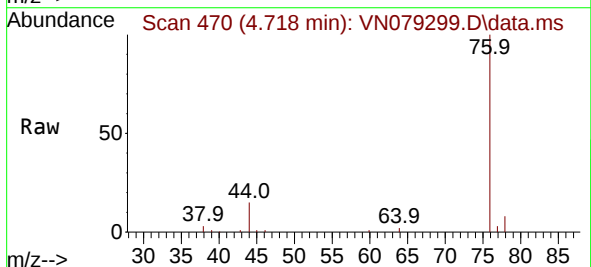
Manual Integrations
APPROVED

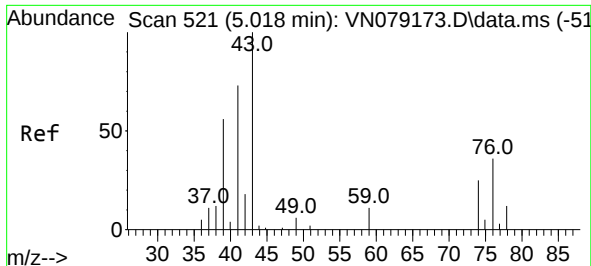
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#16
Carbon Disulfide
Concen: 23.373 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

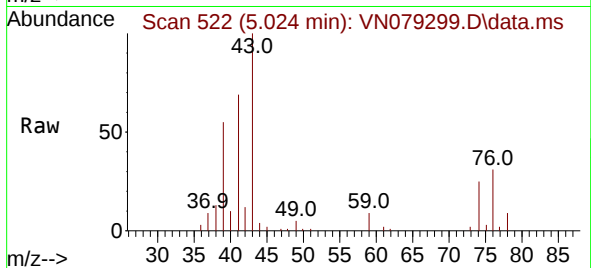
Tgt Ion: 76 Resp: 99533
Ion Ratio Lower Upper
76 100
78 7.6 6.9 10.3





#17
 Allyl chloride
 Concen: 24.702 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079299.D
 Acq: 19 Sep 2023 13:24

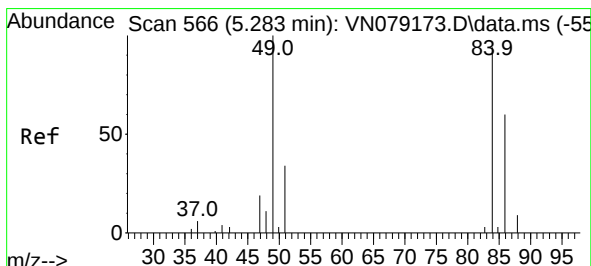
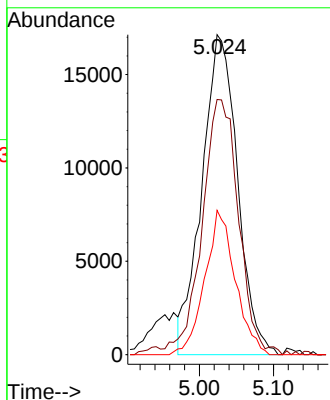
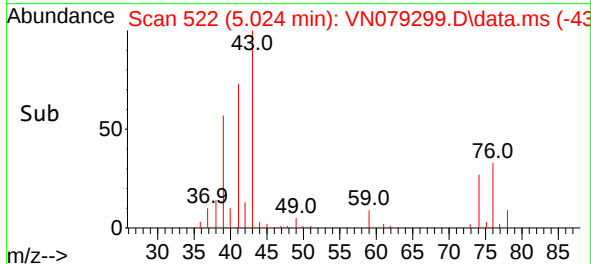
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBSD01



Tgt Ion: 41 Resp: 57204
 Ion Ratio Lower Upper
 41 100
 39 78.2 38.3 114.8
 76 45.1 23.7 71.1

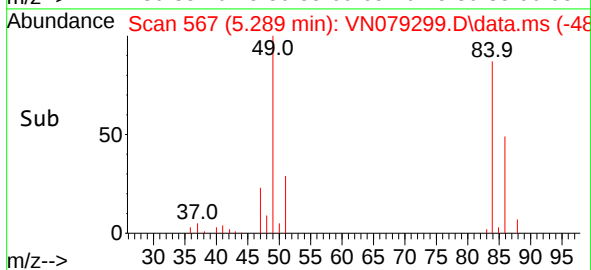
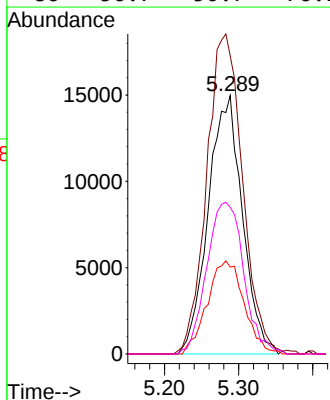
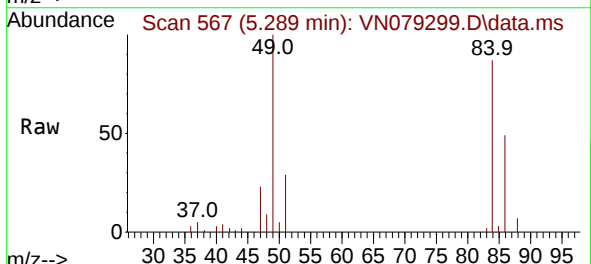
Manual Integrations
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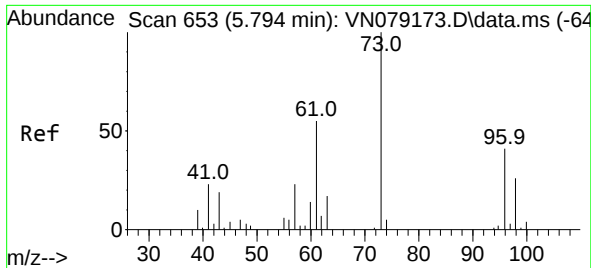
Reviewed By :John Carlone 09/19/2023
 Supervised By :Mahesh Dadoda 09/20/2023



#18
 Methylene Chloride
 Concen: 24.784 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: VN079299.D
 Acq: 19 Sep 2023 13:24

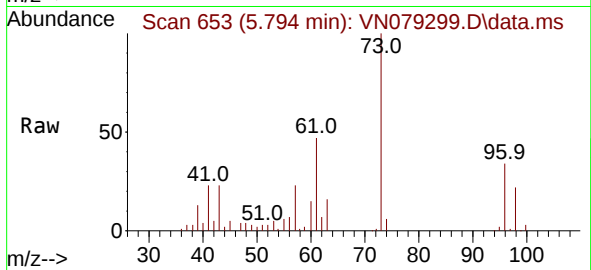
Tgt Ion: 84 Resp: 47907
 Ion Ratio Lower Upper
 84 100
 49 114.1 86.9 130.3
 51 33.6 28.6 43.0
 86 56.7 50.7 76.1





#19
trans-1,2-Dichloroethene
Concen: 22.421 ug/l
RT: 5.794 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

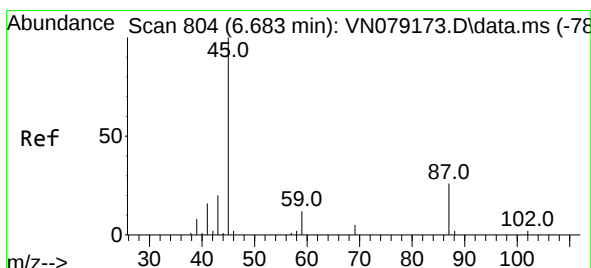
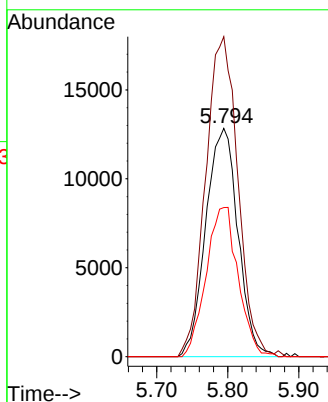
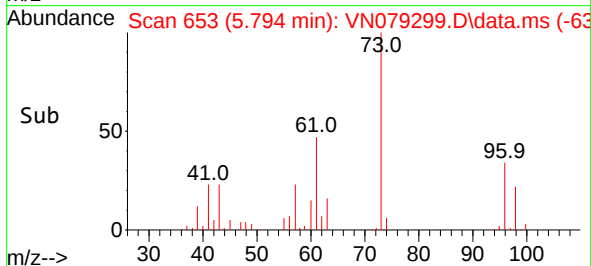
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion: 96 Resp: 40429
Ion Ratio Lower Upper
96 100
61 140.1 106.6 159.8
98 65.3 51.0 76.4

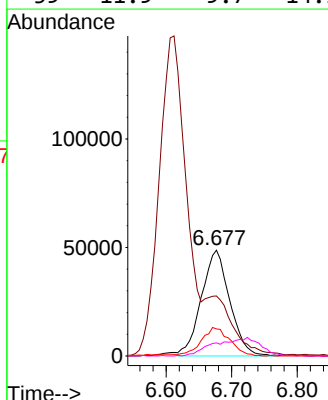
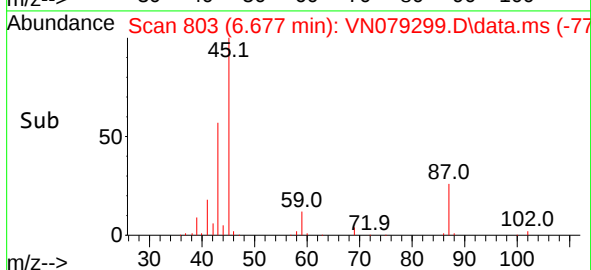
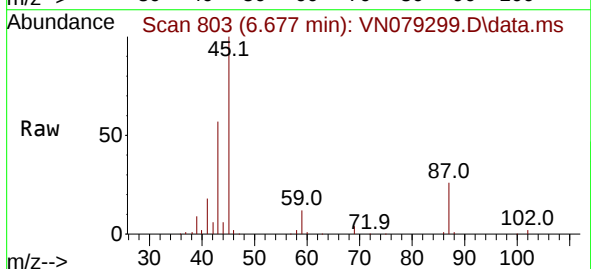
Manual Integrations
APPROVED

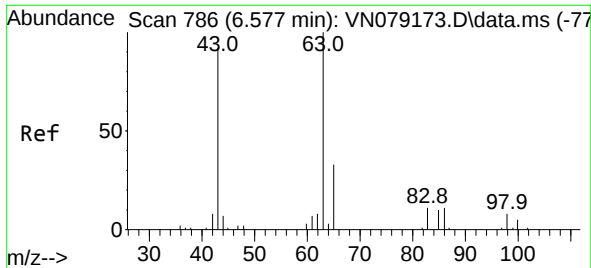
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#20
Diisopropyl ether
Concen: 21.166 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Tgt Ion: 45 Resp: 146330
Ion Ratio Lower Upper
45 100
43 54.4 34.9 52.3#
87 25.7 21.5 32.3
59 11.9 9.7 14.5





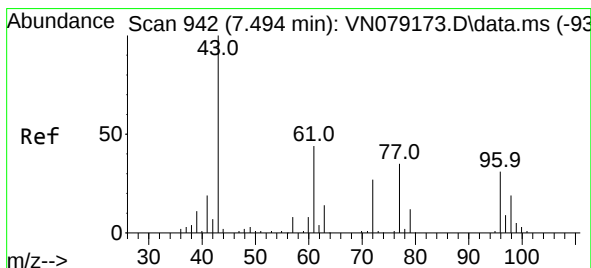
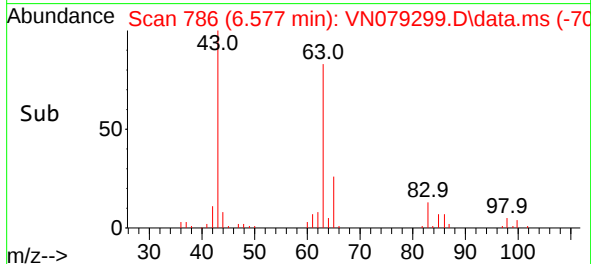
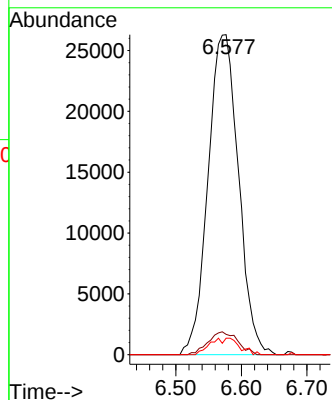
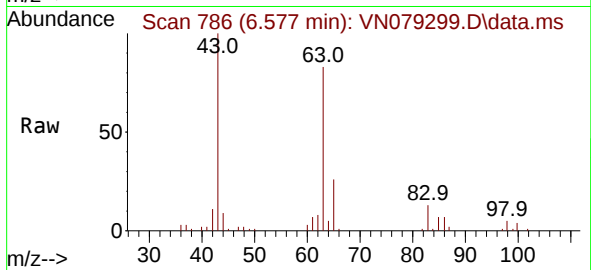
#21
1,1-Dichloroethane
Concen: 20.957 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion: 63 Resp: 84879
Ion Ratio Lower Upper
63 100
98 6.4 3.9 11.5
100 5.1 2.5 7.5

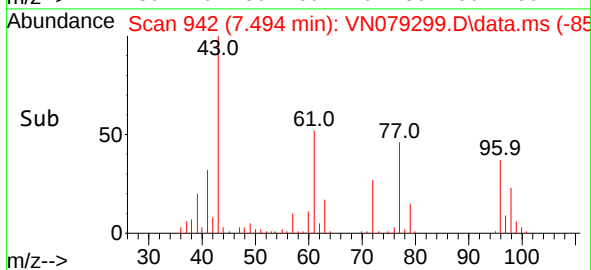
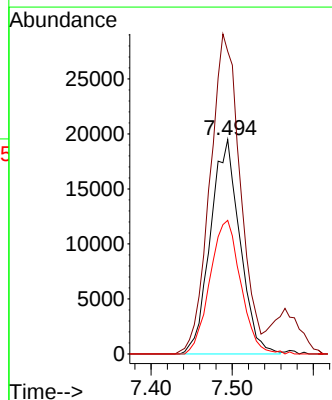
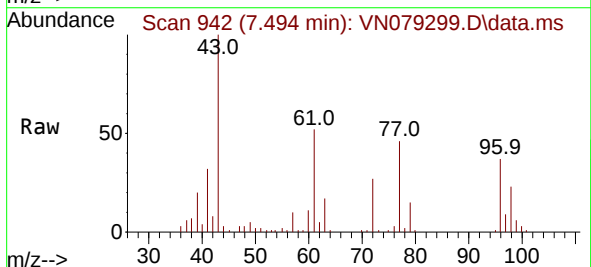
Manual Integrations
APPROVED

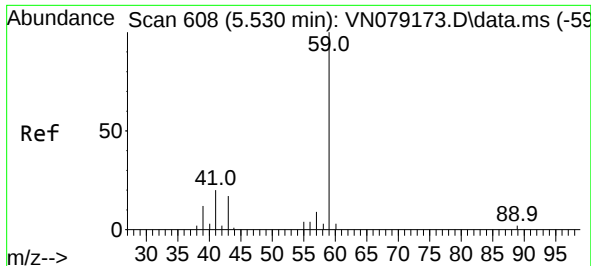
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#22
cis-1,2-Dichloroethene
Concen: 17.432 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Tgt Ion: 96 Resp: 49157
Ion Ratio Lower Upper
96 100
61 153.1 113.0 169.6
98 64.7 50.2 75.4





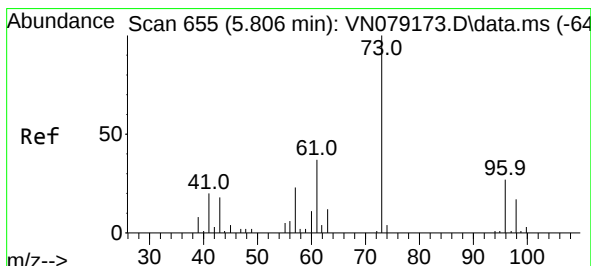
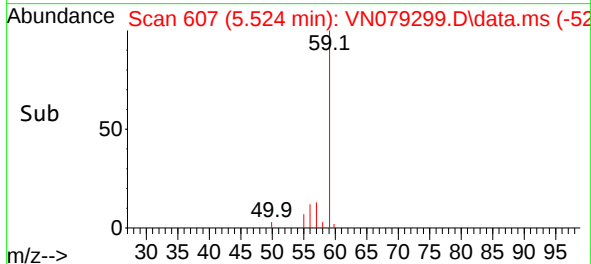
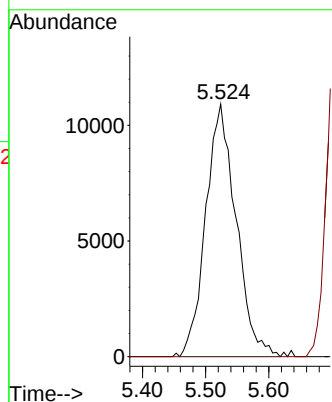
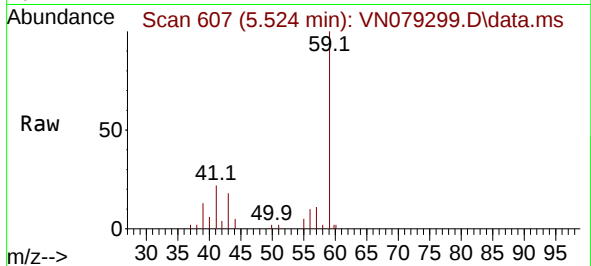
#23
tert-Butyl Alcohol
Concen: 96.229 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion: 59 Resp: 36470
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

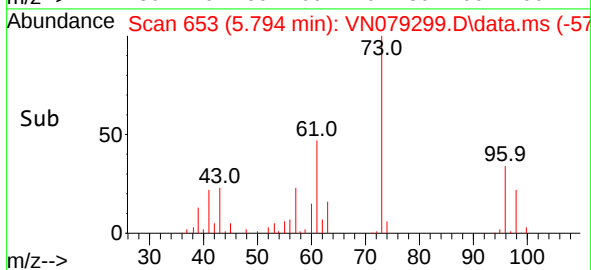
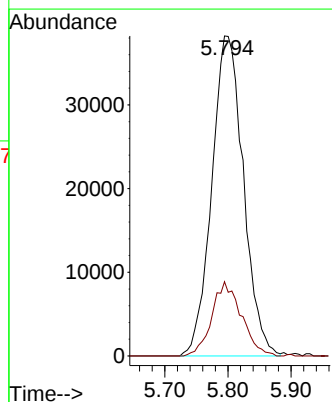
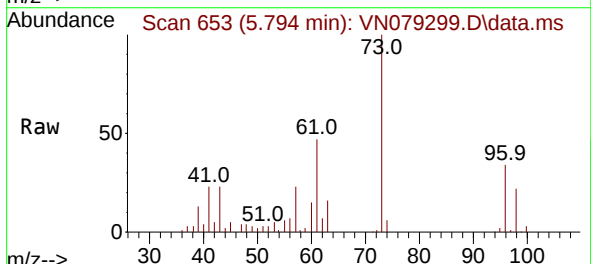
Manual Integrations
APPROVED

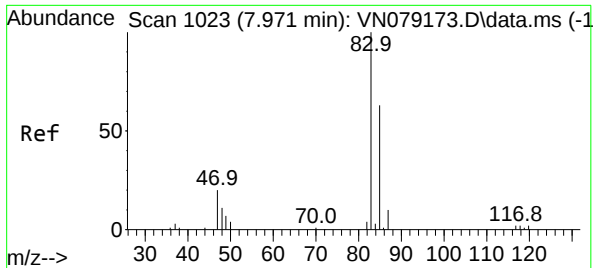
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#24
Methyl tert-Butyl Ether
Concen: 23.387 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.012 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Tgt Ion: 73 Resp: 133020
Ion Ratio Lower Upper
73 100
43 21.7 14.7 22.1





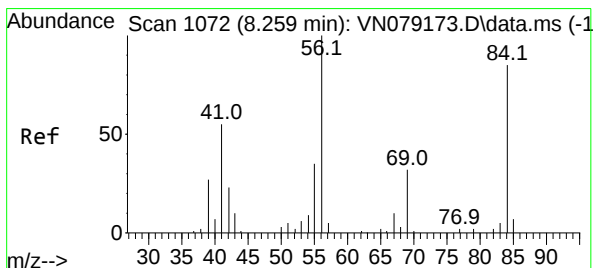
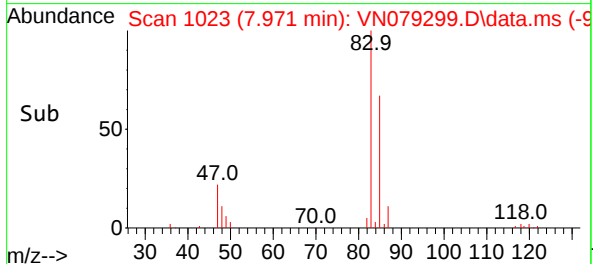
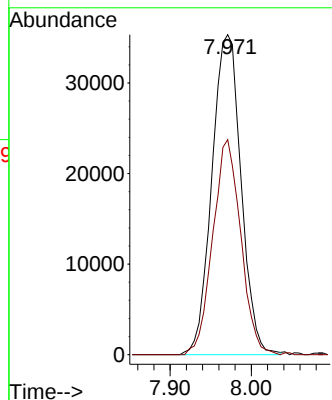
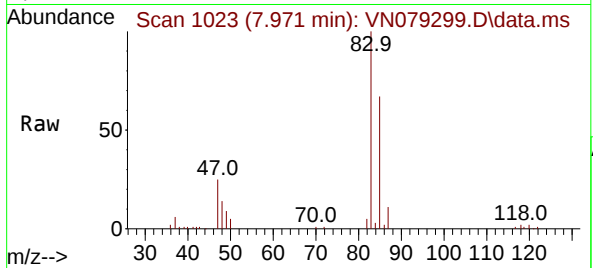
#25
Chloroform
Concen: 18.072 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion: 83 Resp: 88260
Ion Ratio Lower Upper
83 100
85 67.2 50.6 76.0

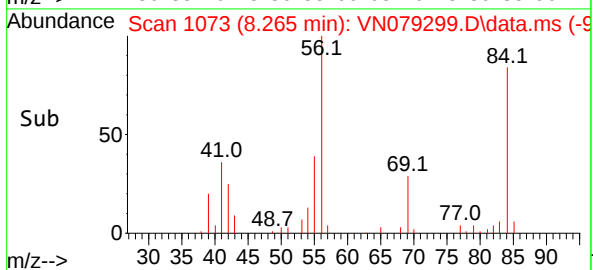
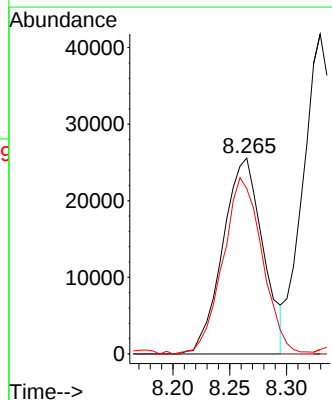
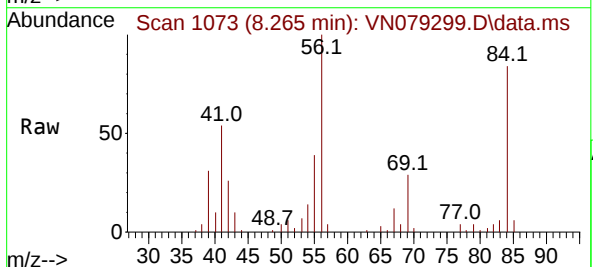
Manual Integrations
APPROVED

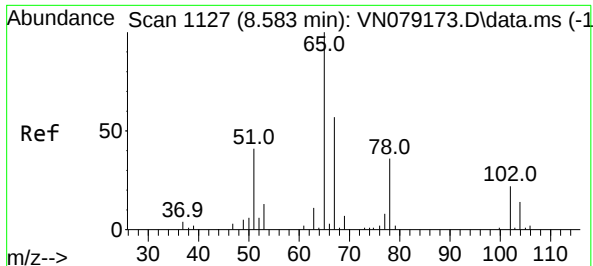
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#26
Cyclohexane
Concen: 17.112 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Tgt Ion: 56 Resp: 62846
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.5 71.1 106.7





#27
1,2-Dichloroethane-d4
Concen: 30.065 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

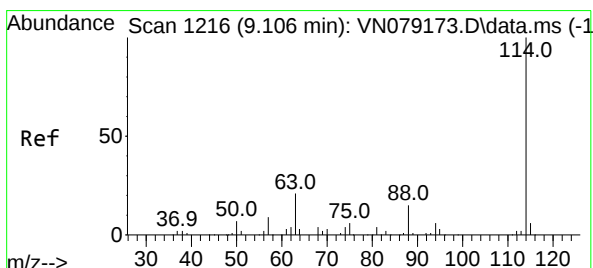
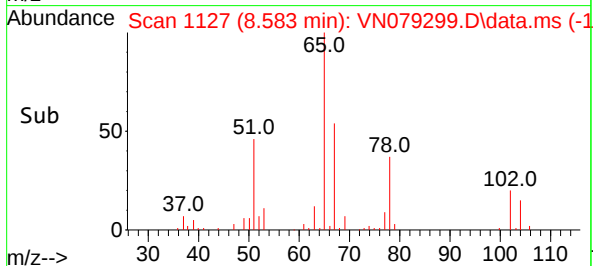
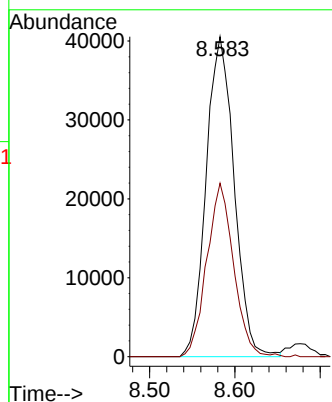
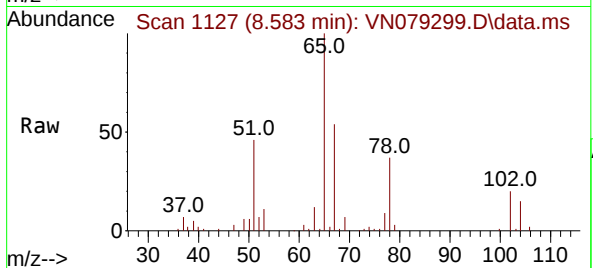
Tgt Ion: 65 Resp: 9255
Ion Ratio Lower Upper
65 100
67 51.7 44.4 66.6

Manual Integrations

APPROVED

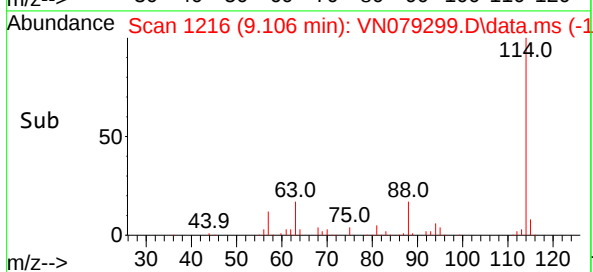
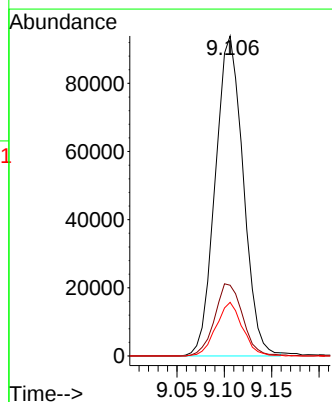
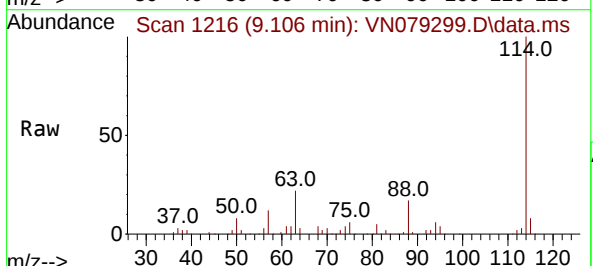
Reviewed By :John Carlone 09/19/2023

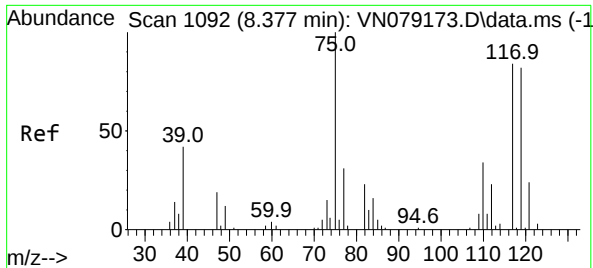
Supervised By :Mahesh Dadoda 09/20/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Tgt Ion:114 Resp: 192489
Ion Ratio Lower Upper
114 100
63 22.6 17.0 25.4
88 15.8 12.8 19.2





#29
1,1-Dichloropropene
Concen: 20.325 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

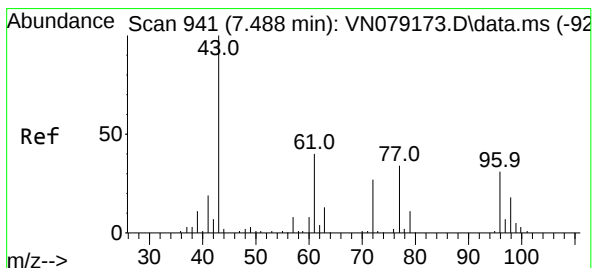
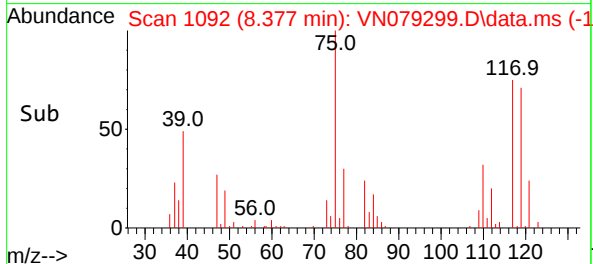
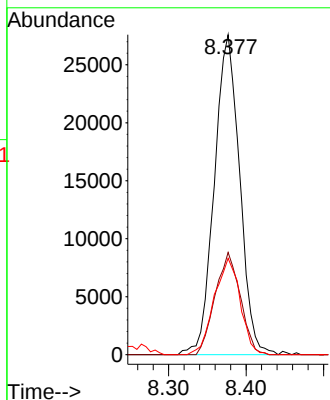
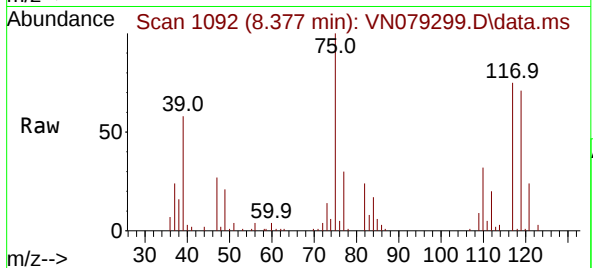
Tgt Ion: 75 Resp: 62725
Ion Ratio Lower Upper
75 100
110 31.8 0.0 68.4
77 30.9 0.0 63.2

Manual Integrations

APPROVED

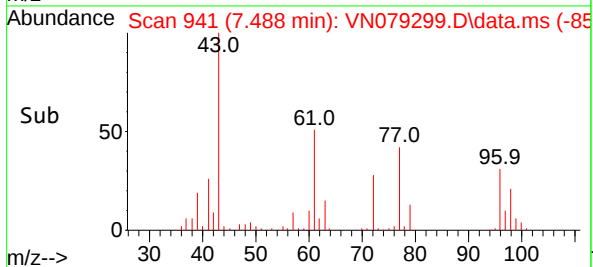
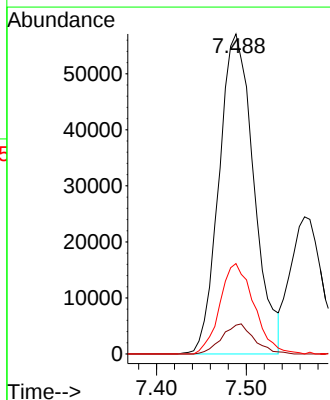
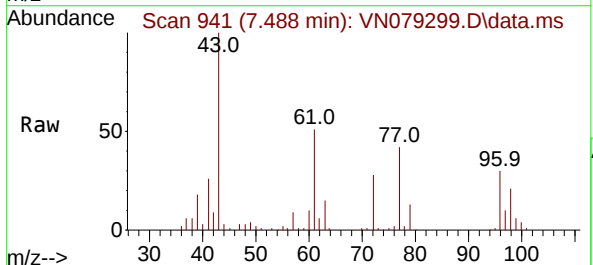
Reviewed By :John Carlone 09/19/2023

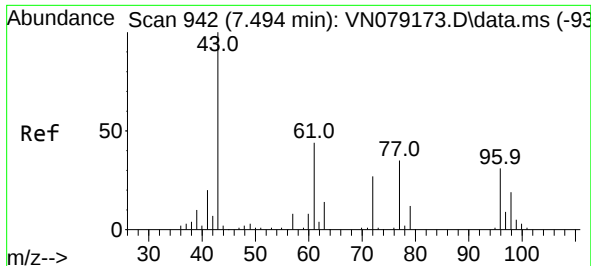
Supervised By :Mahesh Dadoda 09/20/2023



#30
2-Butanone
Concen: 99.272 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Tgt Ion: 43 Resp: 154100
Ion Ratio Lower Upper
43 100
57 8.7 6.8 10.2
72 27.6 22.4 33.6





#31

2,2-Dichloropropane

Concen: 22.194 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

Tgt Ion: 77 Resp: 6832

Ion Ratio Lower Upper

77 100

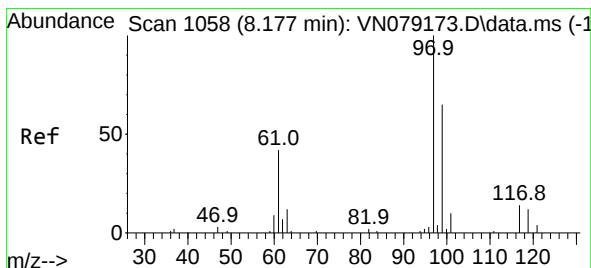
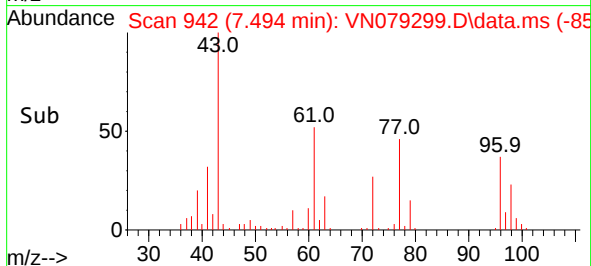
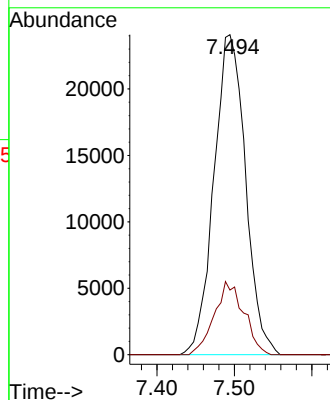
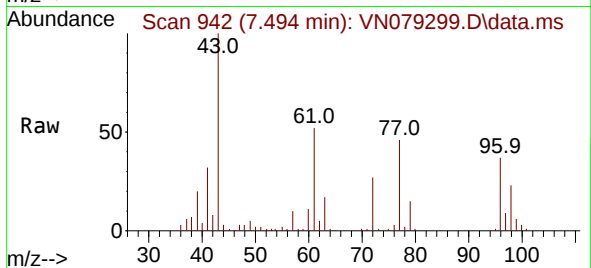
97 21.4 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Mahesh Dadoda 09/20/2023



#32

1,1,1-Trichloroethane

Concen: 20.798 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

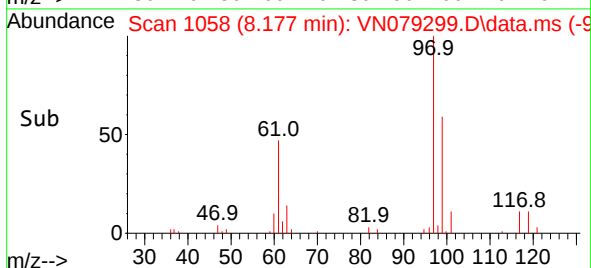
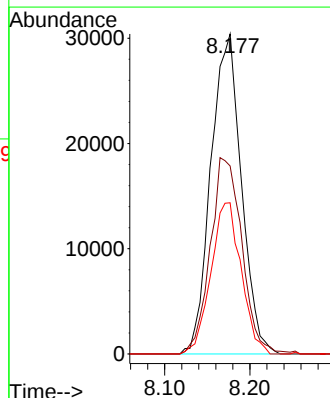
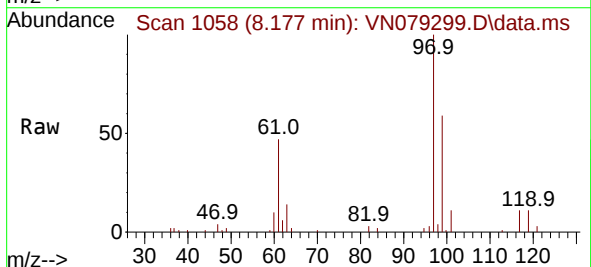
Tgt Ion: 97 Resp: 75621

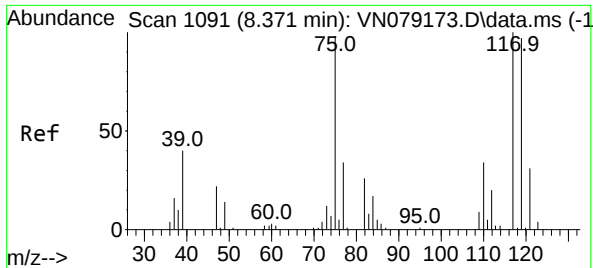
Ion Ratio Lower Upper

97 100

99 63.4 52.0 78.0

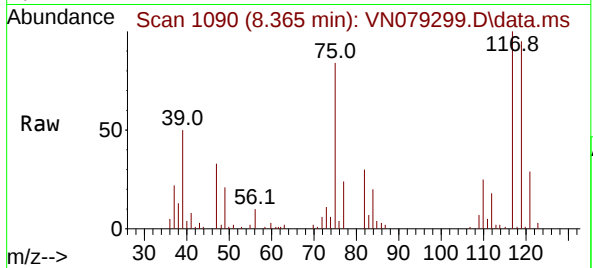
61 46.9 33.4 50.0





#33
Carbon Tetrachloride
Concen: 20.440 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

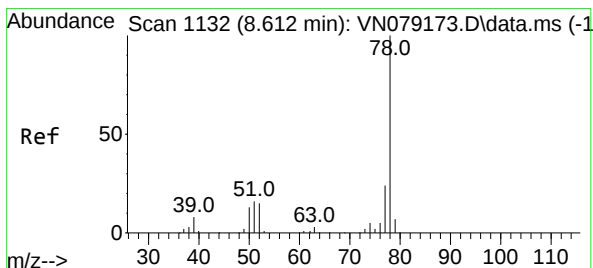
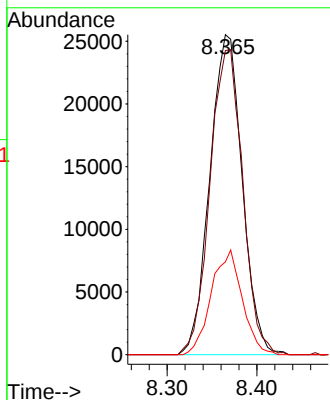
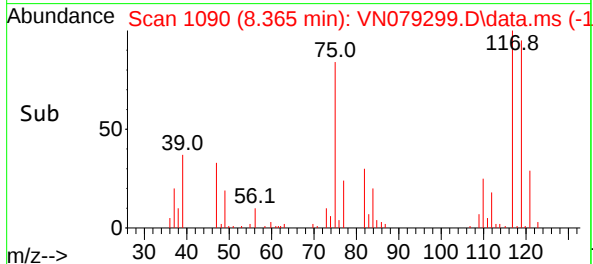
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion: 117 Resp: 6384
Ion Ratio Lower Upper
117 100
119 95.0 77.9 116.9
121 29.0 25.1 37.7

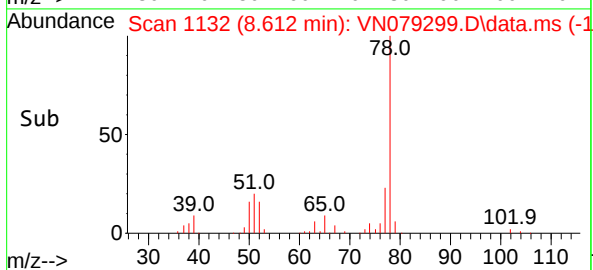
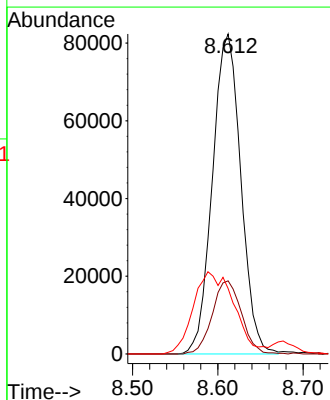
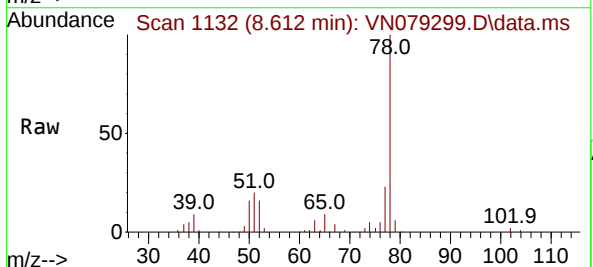
Manual Integrations
APPROVED

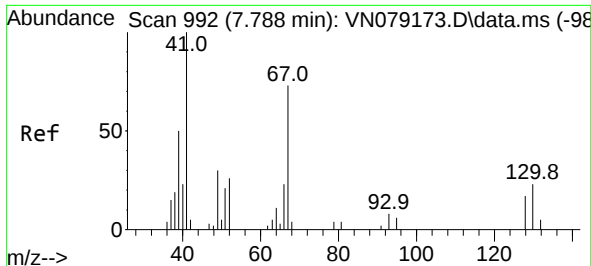
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#34
Benzene
Concen: 19.436 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

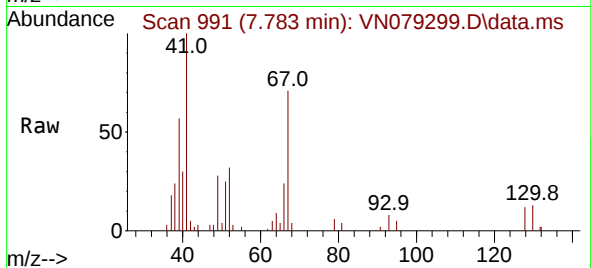
Tgt Ion: 78 Resp: 190576
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3
51 17.7 13.1 19.7





#35
Methacrylonitrile
Concen: 20.627 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

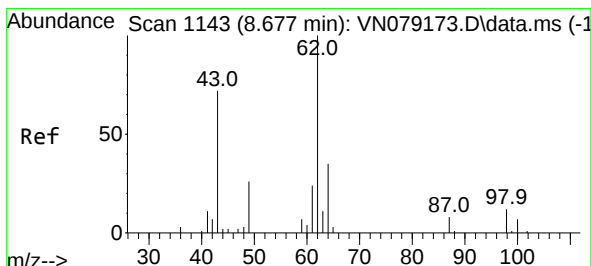
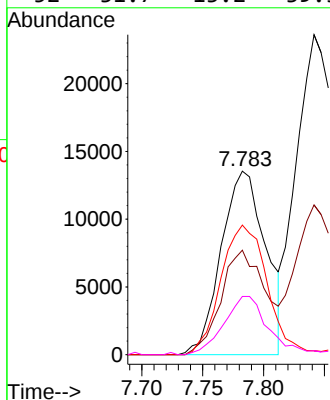
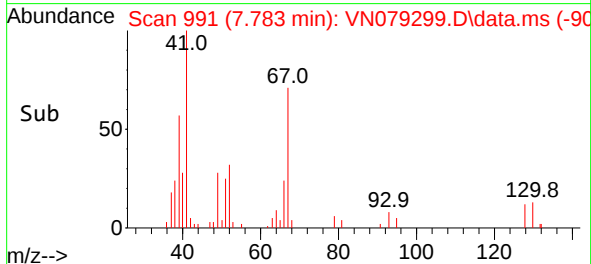
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion: 41 Resp: 34475
Ion Ratio Lower Upper
41 100
39 57.0 24.9 74.6
67 70.7 36.7 110.1
52 31.7 13.2 39.5

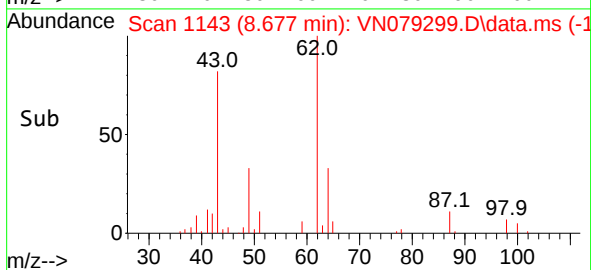
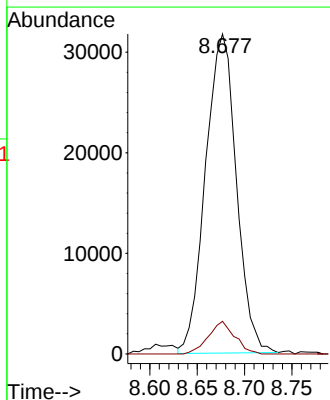
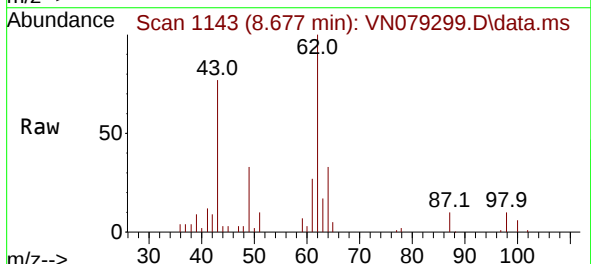
Manual Integrations
APPROVED

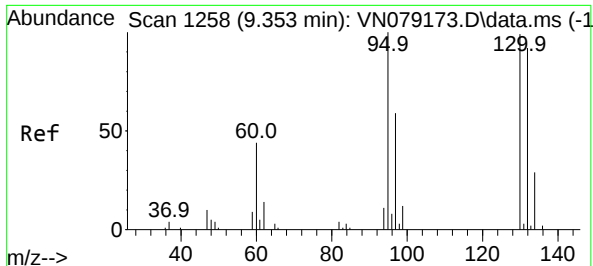
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#36
1,2-Dichloroethane
Concen: 22.241 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Tgt Ion: 62 Resp: 71924
Ion Ratio Lower Upper
62 100
98 8.7 8.2 12.2





#37

Trichloroethene

Concen: 19.576 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

Tgt Ion:130 Resp: 45370

Ion Ratio Lower Upper

130 100

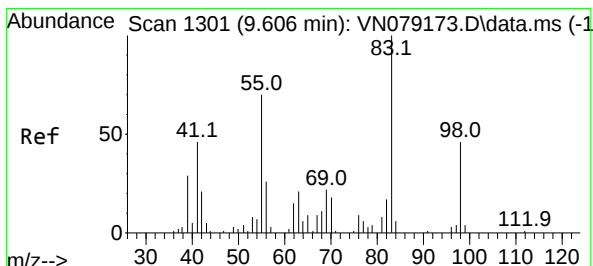
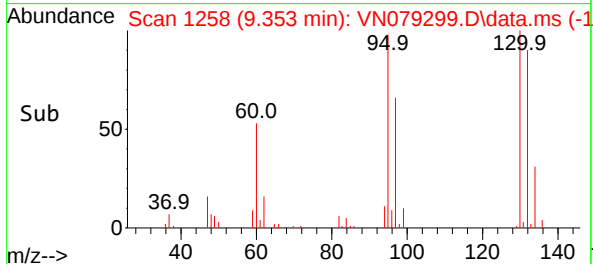
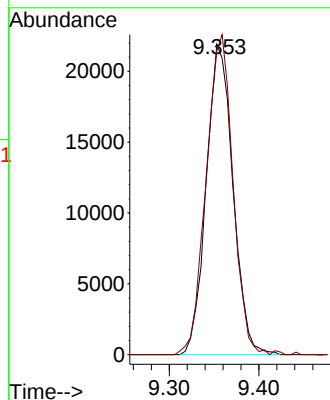
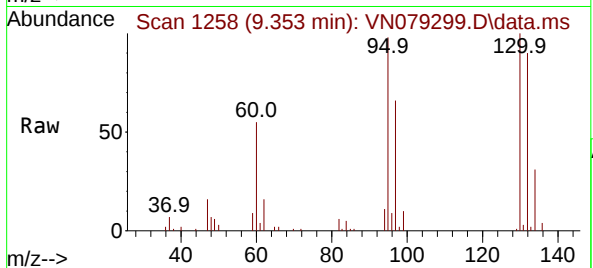
95 97.1 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Mahesh Dadoda 09/20/2023



#38

Methylcyclohexane

Concen: 19.011 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

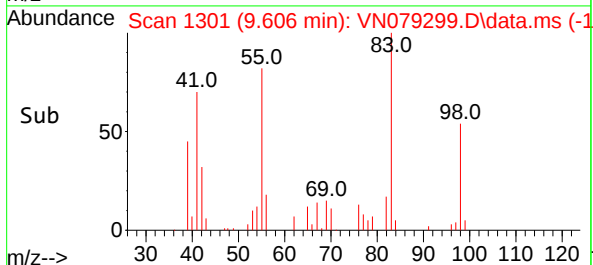
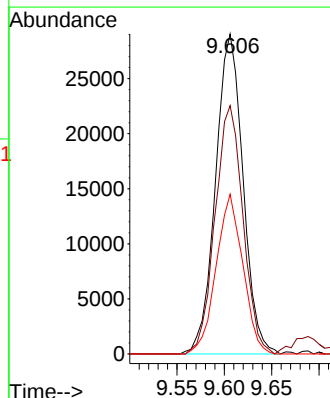
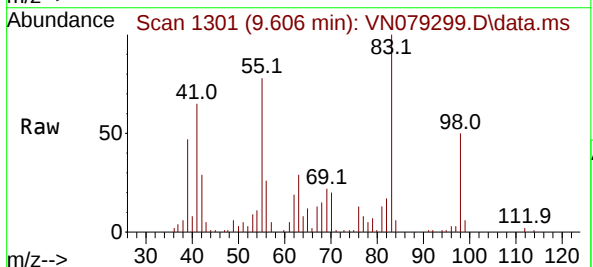
Tgt Ion: 83 Resp: 58655

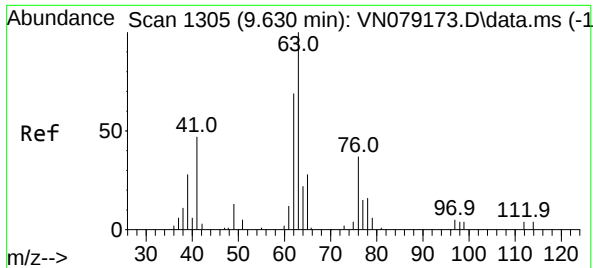
Ion Ratio Lower Upper

83 100

55 78.6 39.1 117.2

98 48.6 24.1 72.4





#39

1,2-Dichloropropane

Concen: 20.291 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

Tgt Ion: 63 Resp: 5132

Ion Ratio Lower Upper

63 100

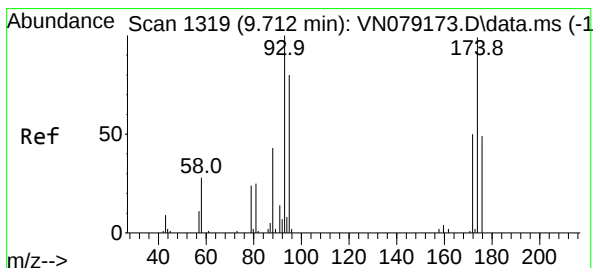
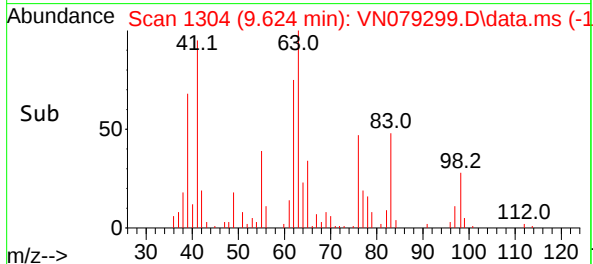
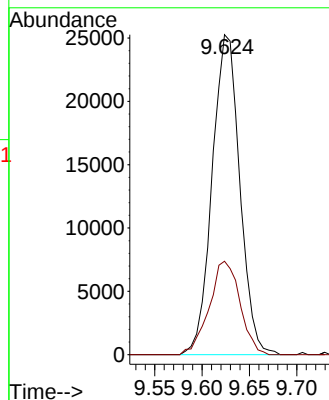
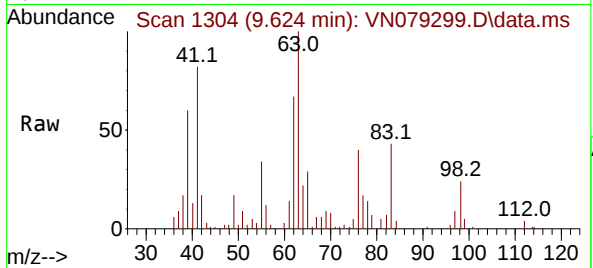
65 29.2 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Mahesh Dadoda 09/20/2023



#40

Dibromomethane

Concen: 20.493 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

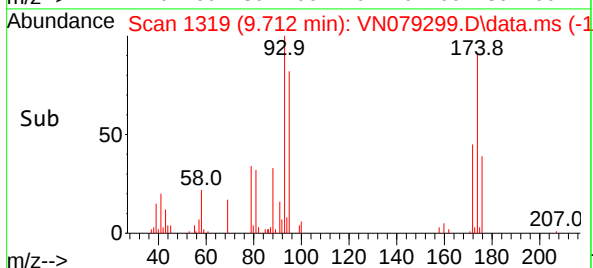
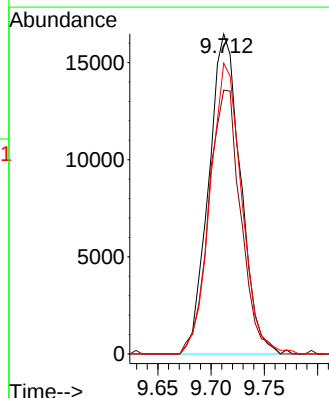
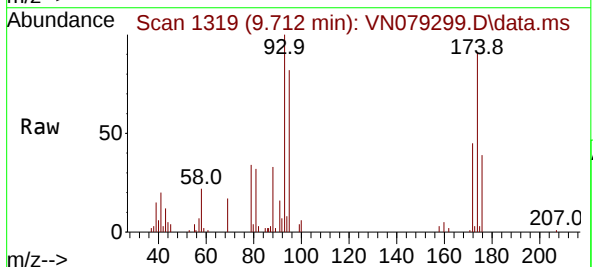
Tgt Ion: 93 Resp: 34182

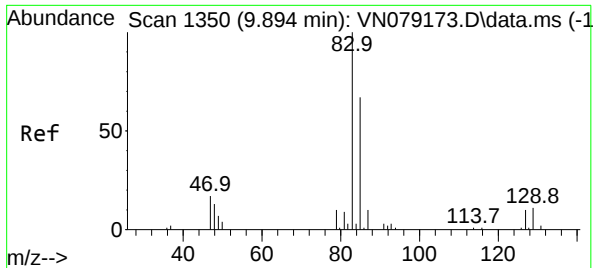
Ion Ratio Lower Upper

93 100

95 82.9 0.0 172.4

174 89.6 0.0 192.4





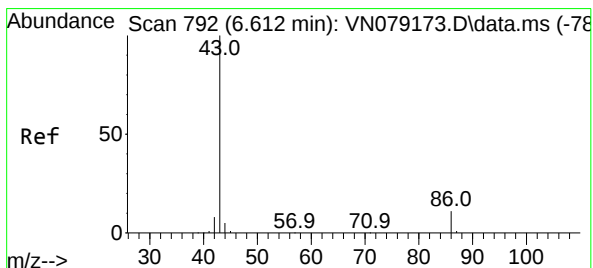
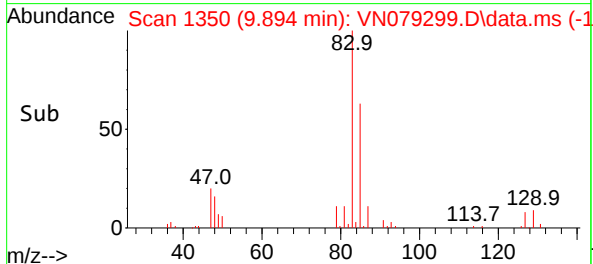
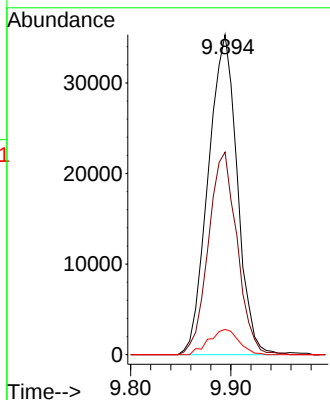
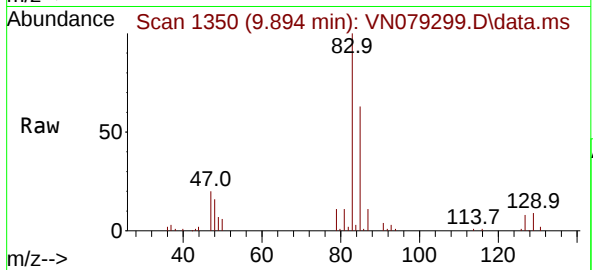
#41
Bromodichloromethane
Concen: 21.336 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion: 83 Resp: 70944
Ion Ratio Lower Upper
83 100
85 63.3 53.4 80.2
127 7.9 8.3 12.5

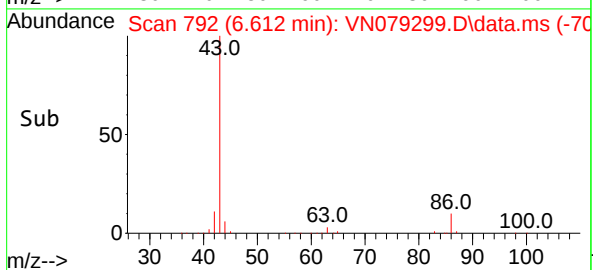
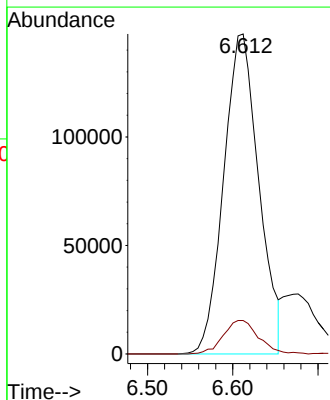
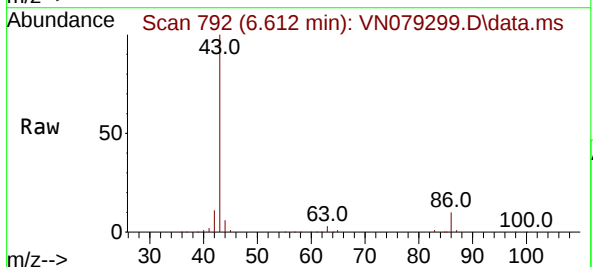
Manual Integrations
APPROVED

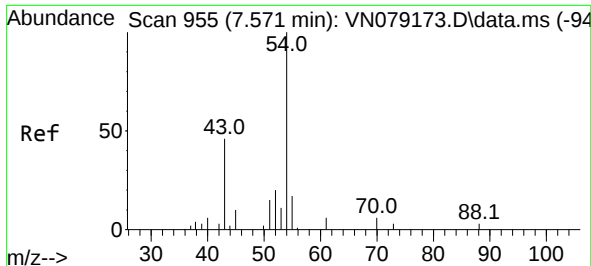
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#42
Vinyl Acetate
Concen: 114.614 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Tgt Ion: 43 Resp: 422525
Ion Ratio Lower Upper
43 100
86 10.4 9.2 13.8





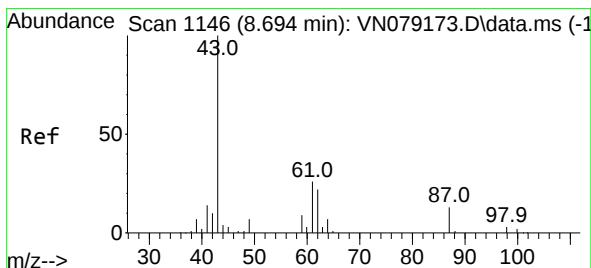
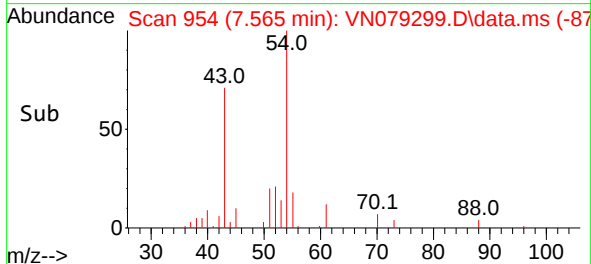
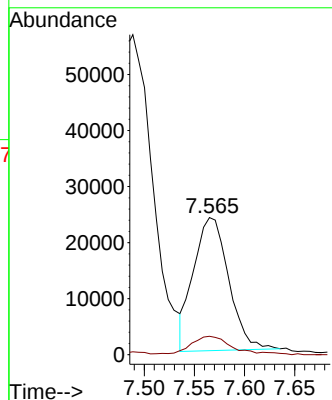
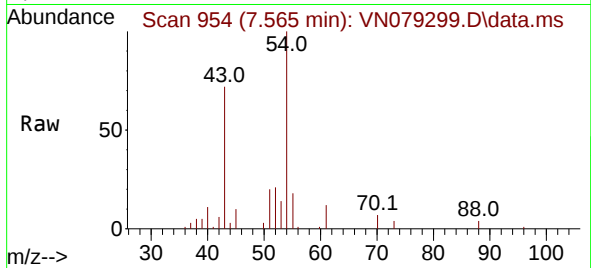
#43
Ethyl Acetate
Concen: 19.654 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion: 43 Resp: 5794
Ion Ratio Lower Upper
43 100
45 14.0 11.1 16.7

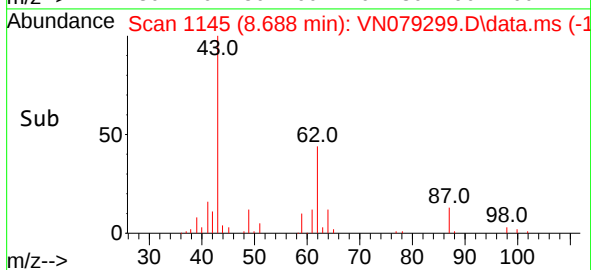
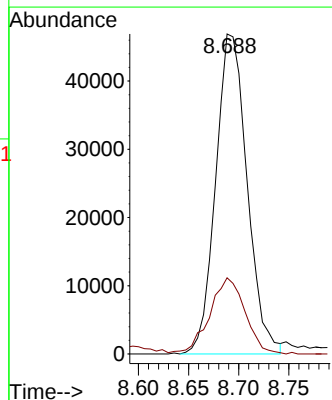
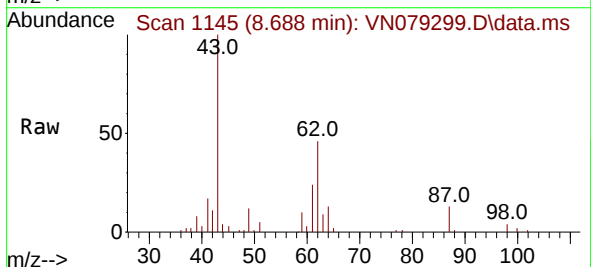
Manual Integrations
APPROVED

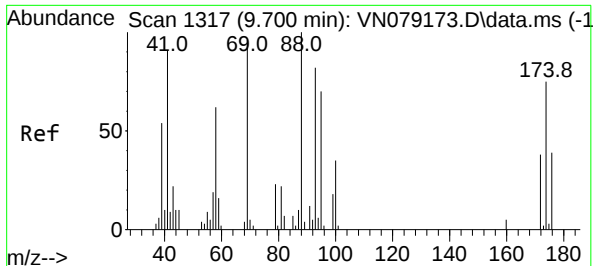
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#44
Isopropyl Acetate
Concen: 19.276 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Tgt Ion: 43 Resp: 102229
Ion Ratio Lower Upper
43 100
61 26.8 22.6 33.8





#45

1,4-Dioxane

Concen: 332.285 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

Tgt Ion: 88 Resp: 1754

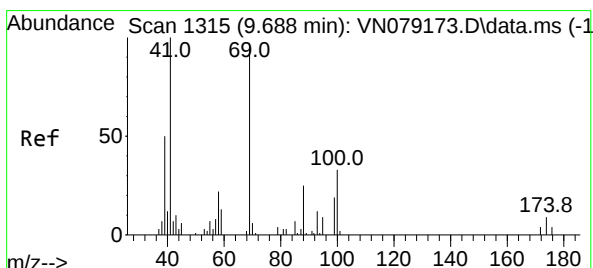
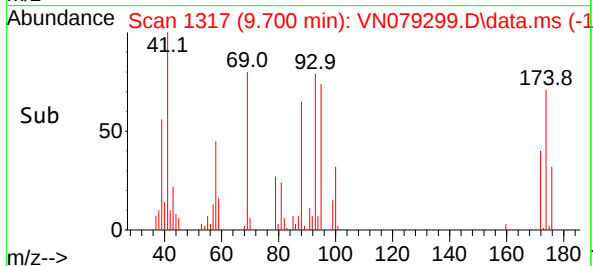
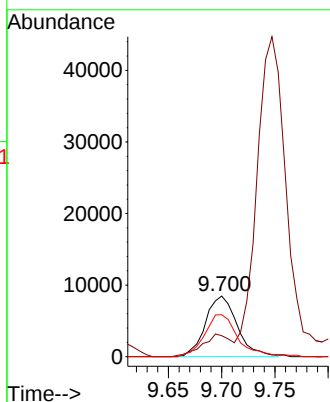
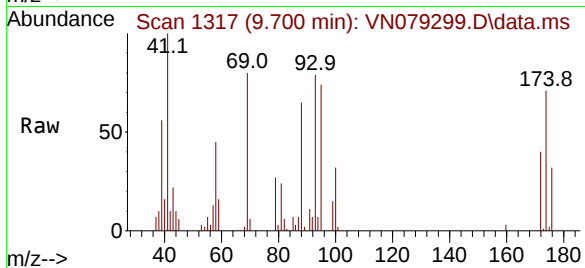
Ion	Ratio	Lower	Upper
88	100		
43	33.9	19.9	29.9
58	71.6	58.0	87.0

Manual Integrations

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Reviewed By :John Carlone 09/19/2023

Supervised By :Mahesh Dadoda 09/20/2023



#46

Methyl methacrylate

Concen: 20.447 ug/l

RT: 9.682 min Scan# 1314

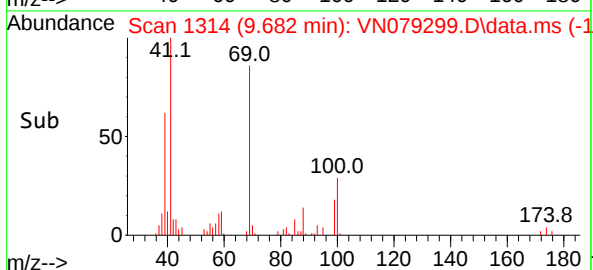
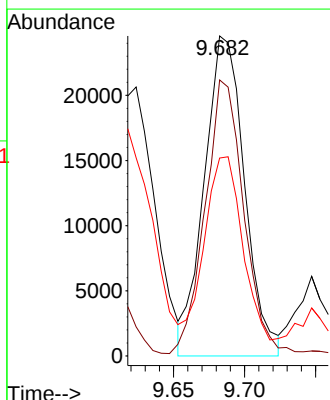
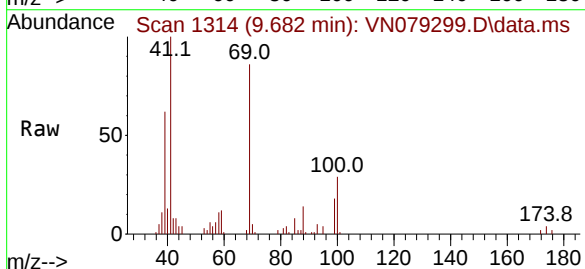
Delta R.T. -0.006 min

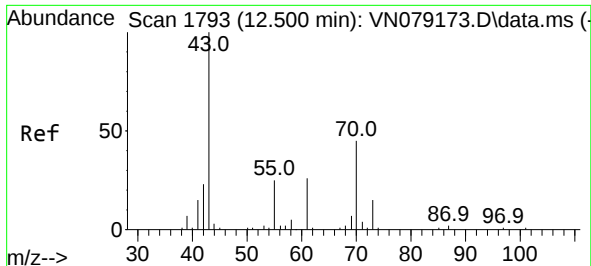
Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

Tgt Ion: 41 Resp: 48447

Ion	Ratio	Lower	Upper
41	100		
69	89.5	48.1	144.3
39	60.2	25.8	77.3





#47

n-amy1 Acetate

Concen: 19.808 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

Tgt Ion: 43 Resp: 73879

Ion Ratio Lower Upper

43 100

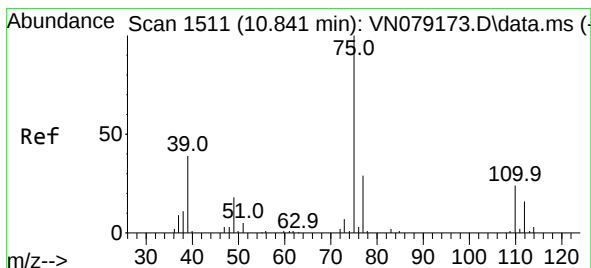
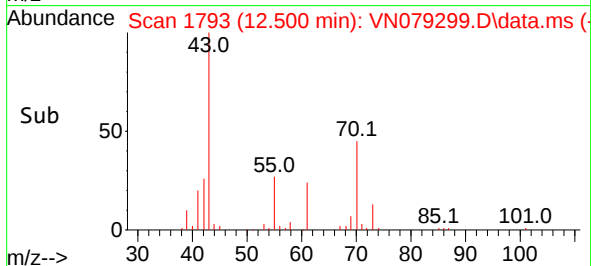
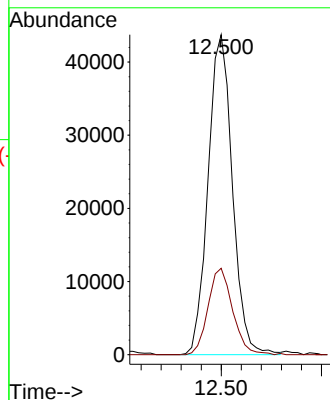
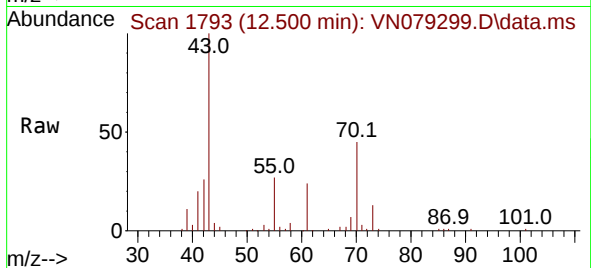
55 27.2 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Mahesh Dadoda 09/20/2023



#48

t-1,3-Dichloropropene

Concen: 19.547 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN079299.D

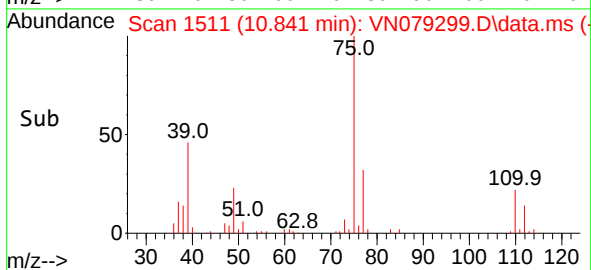
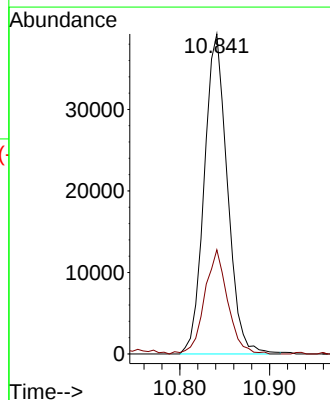
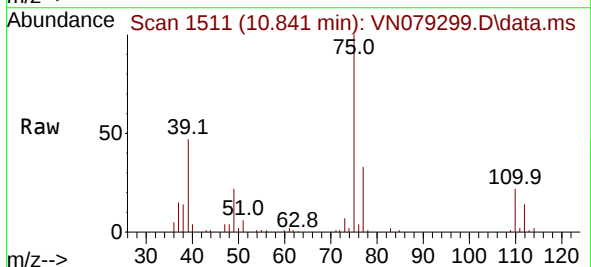
Acq: 19 Sep 2023 13:24

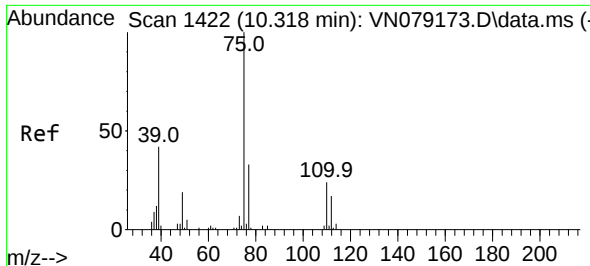
Tgt Ion: 75 Resp: 70316

Ion Ratio Lower Upper

75 100

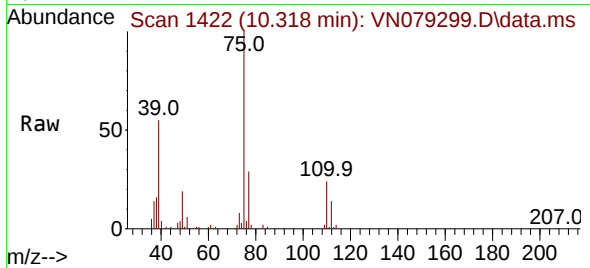
77 32.6 22.9 34.3





#49
cis-1,3-Dichloropropene
Concen: 20.813 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

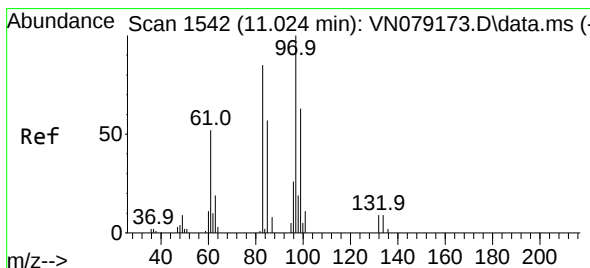
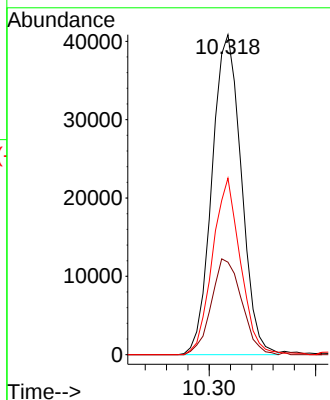
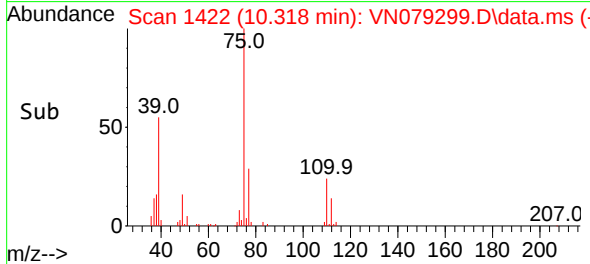
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion: 75 Resp: 7809
Ion Ratio Lower Upper
75 100
77 28.9 26.2 39.2
39 55.1 33.8 50.8

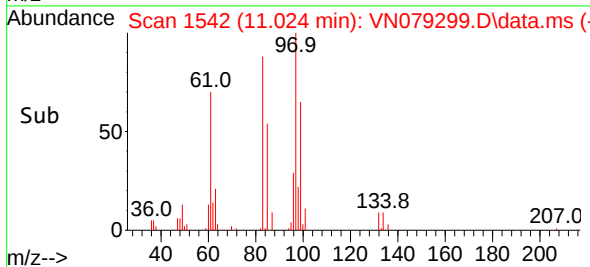
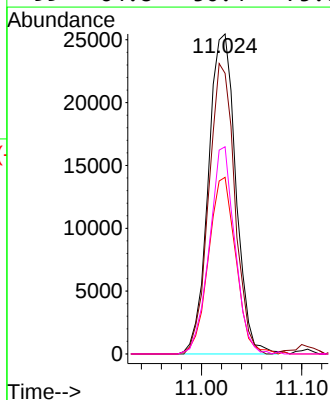
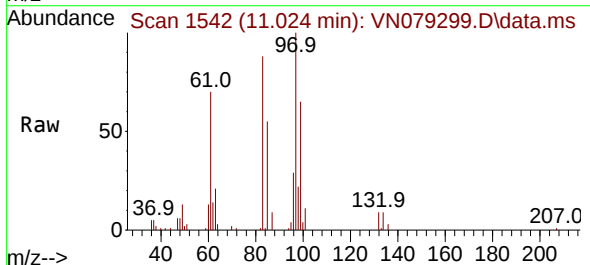
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APPROVED

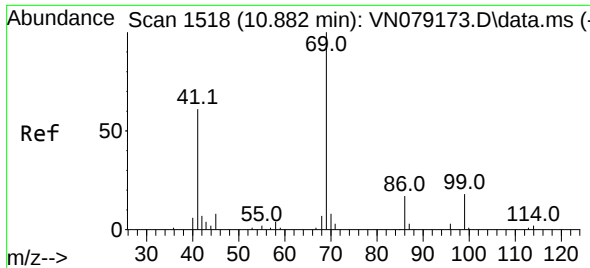
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#50
1,1,2-Trichloroethane
Concen: 20.752 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

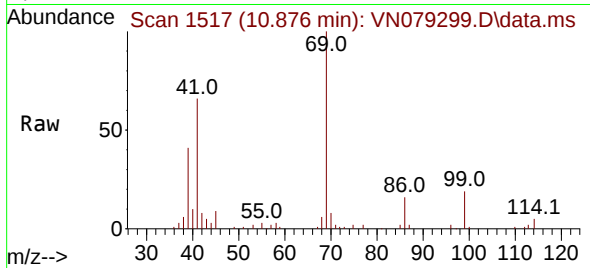
Tgt Ion: 97 Resp: 48559
Ion Ratio Lower Upper
97 100
83 87.7 68.9 103.3
85 55.2 45.3 67.9
99 64.8 50.4 75.6





#51
Ethyl methacrylate
Concen: 18.335 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

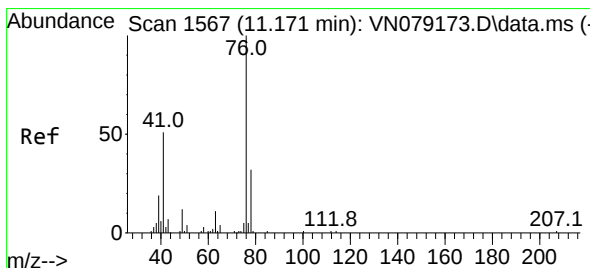
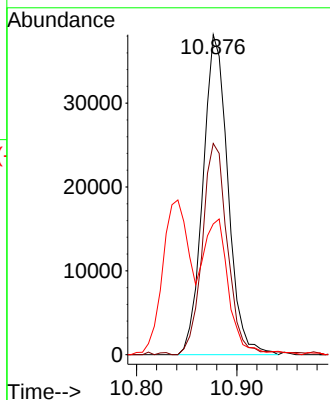
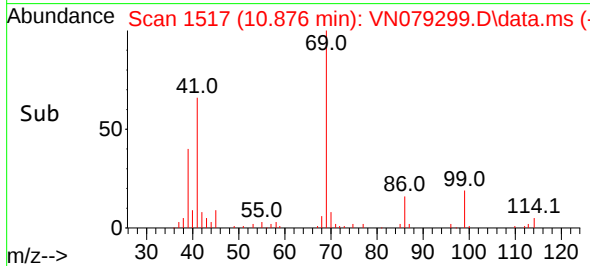
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion: 69 Resp: 66260
Ion Ratio Lower Upper
69 100
41 66.0 30.3 90.9
39 39.8 13.4 40.1

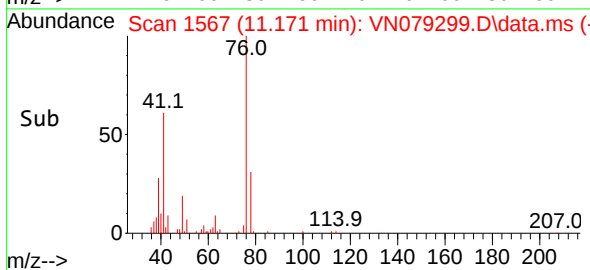
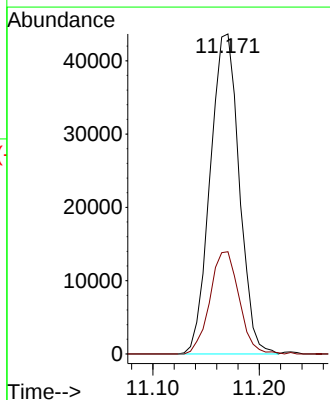
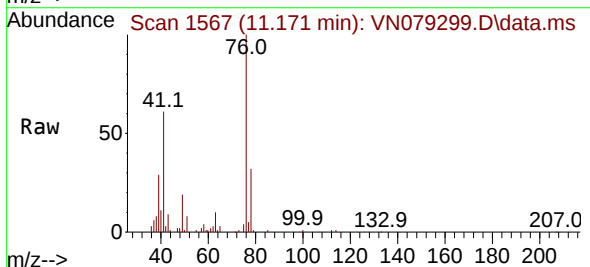
Manual Integrations
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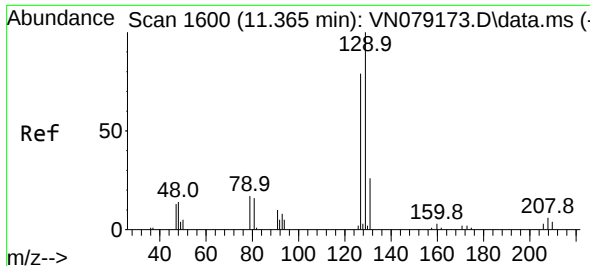
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#52
1,3-Dichloropropane
Concen: 20.691 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

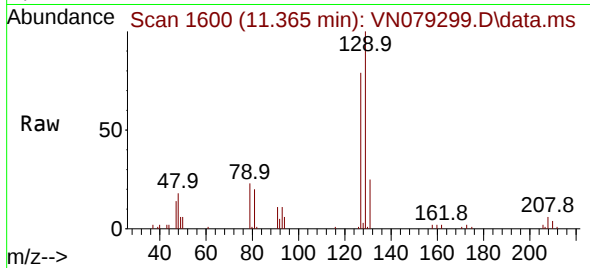
Tgt Ion: 76 Resp: 82657
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.2





#53
Dibromochloromethane
Concen: 20.427 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

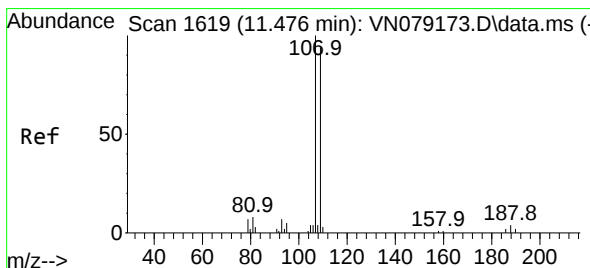
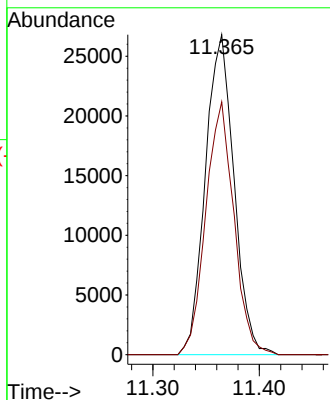
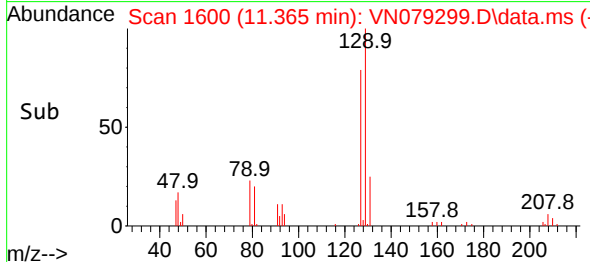
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



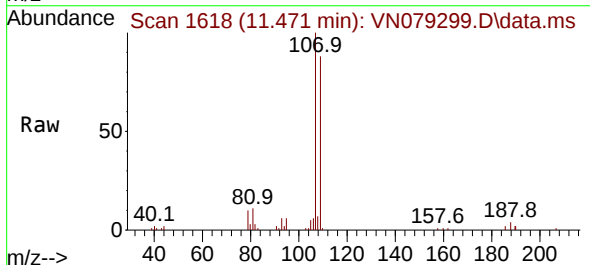
Tgt Ion:129 Resp: 5013
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

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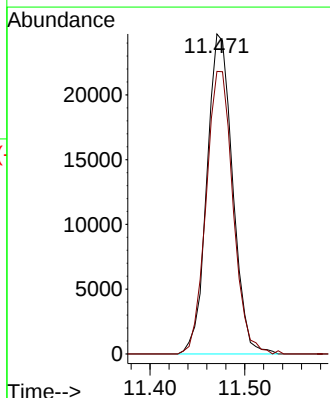
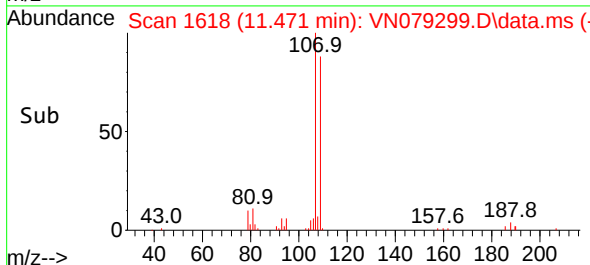
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023

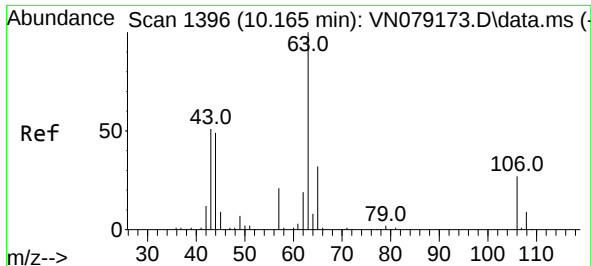


#54
1,2-Dibromoethane
Concen: 19.587 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24



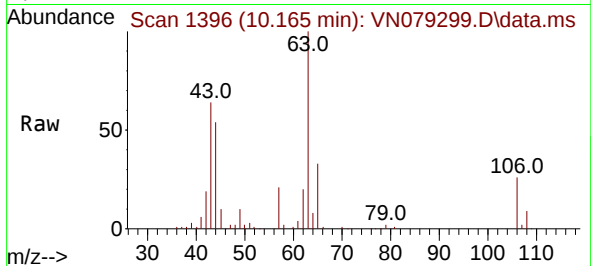
Tgt Ion:107 Resp: 46543
Ion Ratio Lower Upper
107 100
109 92.3 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 88.309 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

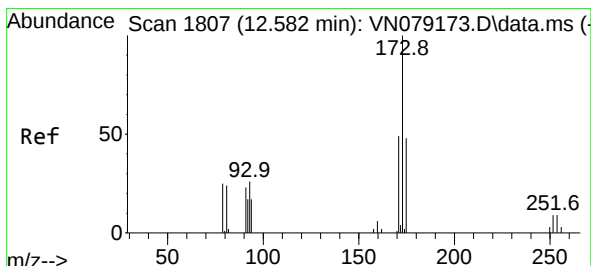
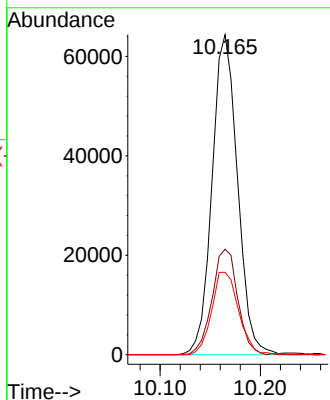
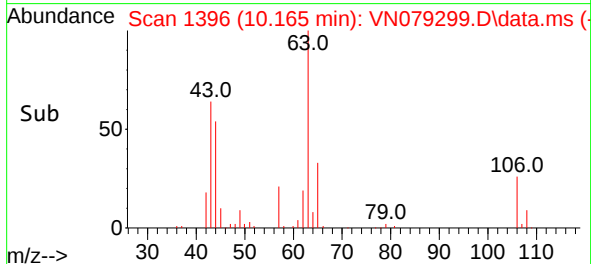
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion: 63 Resp: 113390
Ion Ratio Lower Upper
63 100
65 33.2 25.7 38.5
106 27.3 21.9 32.9

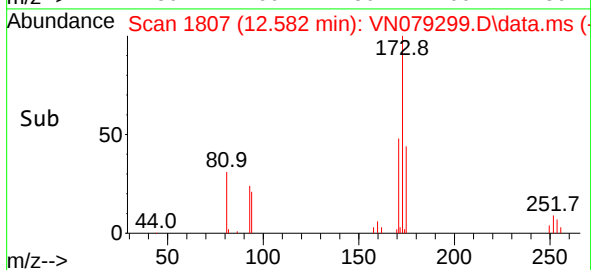
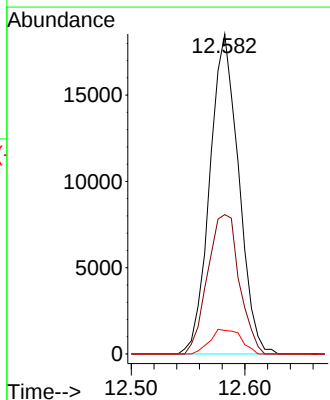
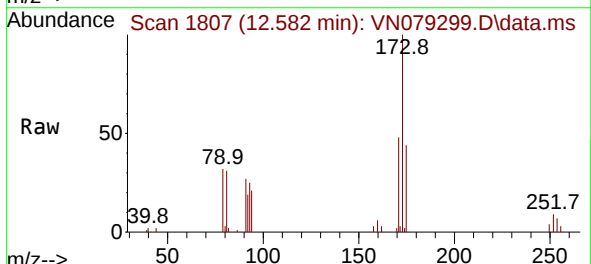
Manual Integrations
APPROVED

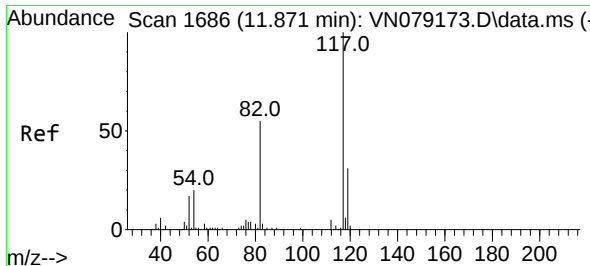
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#56
Bromoform
Concen: 19.129 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

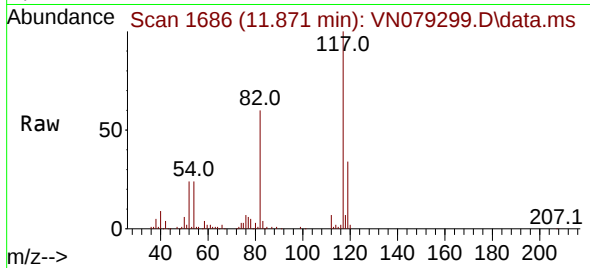
Tgt Ion:173 Resp: 32713
Ion Ratio Lower Upper
173 100
175 47.9 37.6 56.4
254 8.3 7.8 11.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

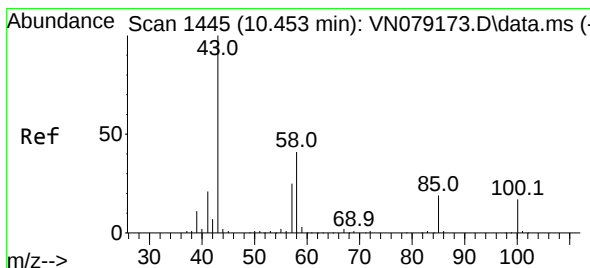
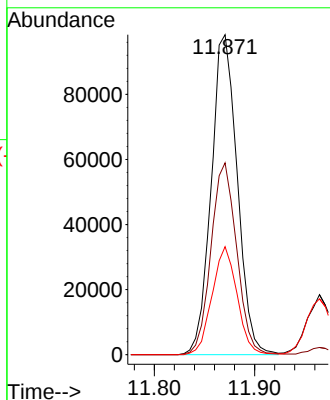
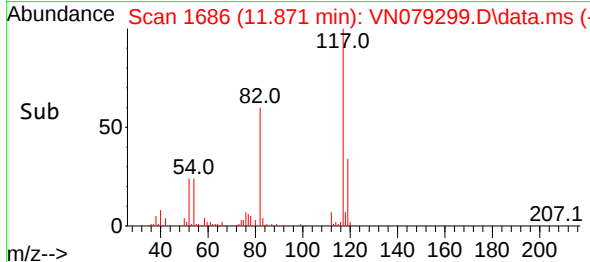
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



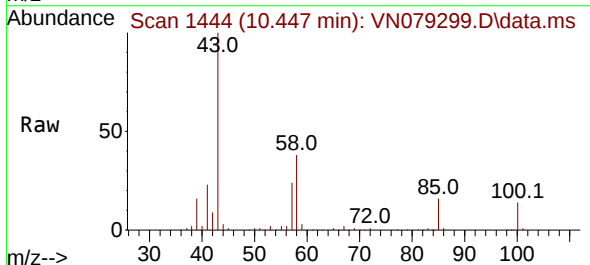
Tgt Ion:117 Resp: 177710
Ion Ratio Lower Upper
117 100
82 59.2 44.7 67.1
119 32.4 24.9 37.3

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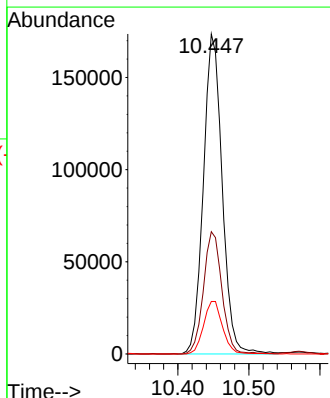
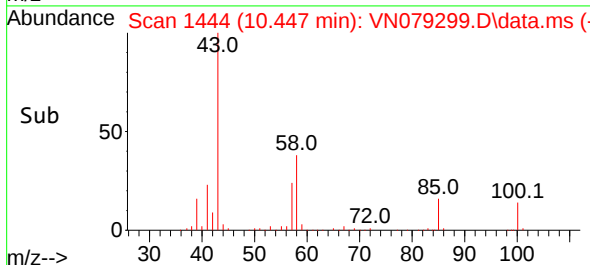
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023

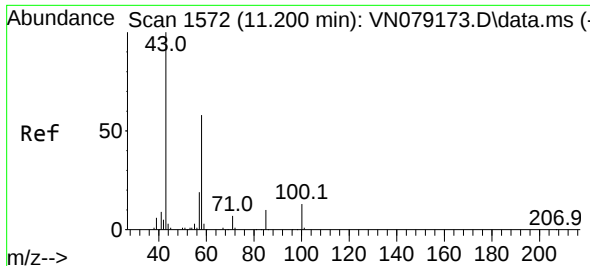


#58
4-Methyl-2-Pentanone
Concen: 98.131 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24



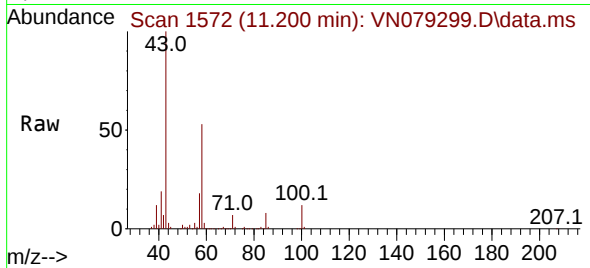
Tgt Ion: 43 Resp: 320013
Ion Ratio Lower Upper
43 100
58 37.3 33.6 50.4
85 16.5 15.0 22.4





#59
2-Hexanone
Concen: 98.321 ug/l
RT: 11.200 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

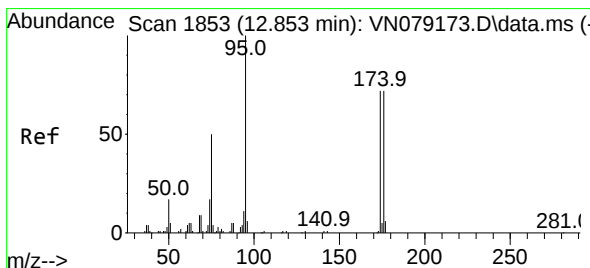
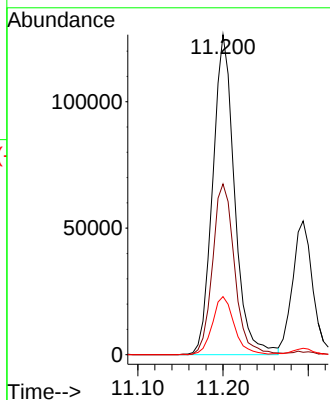
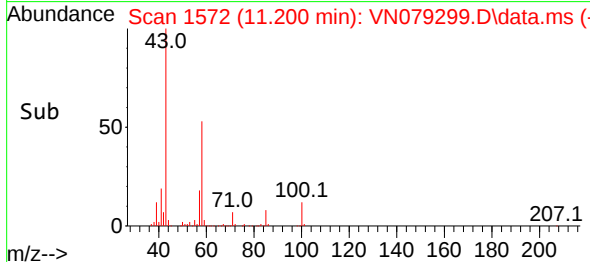
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion: 43 Resp: 22517
Ion Ratio Lower Upper
43 100
58 53.7 46.4 69.6
57 18.2 15.3 22.9

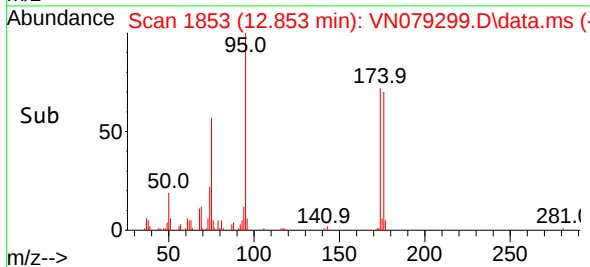
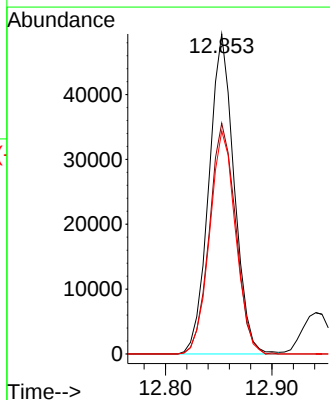
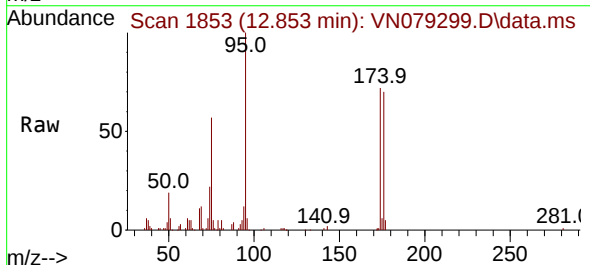
Manual Integrations
APPROVED

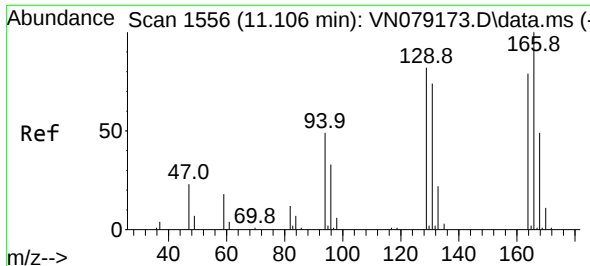
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#60
4-Bromofluorobenzene
Concen: 30.962 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

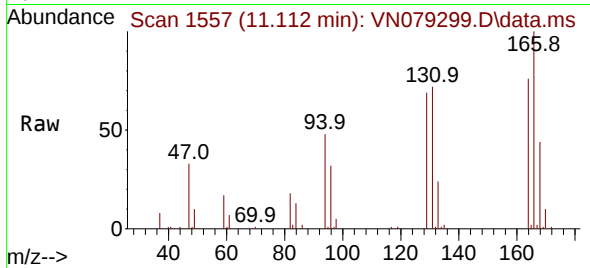
Tgt Ion: 95 Resp: 81073
Ion Ratio Lower Upper
95 100
174 74.8 59.5 89.3
176 71.6 59.1 88.7





#61
Tetrachloroethene
Concen: 19.731 ug/l
RT: 11.112 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

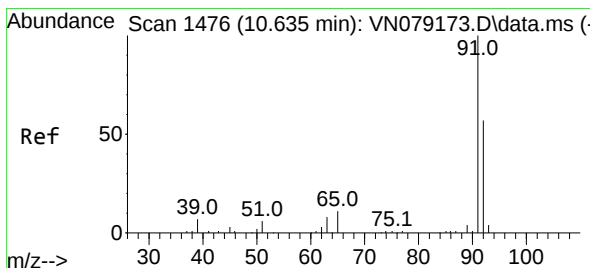
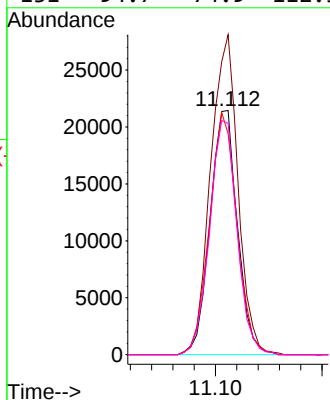
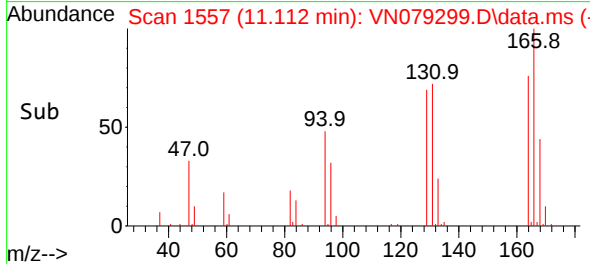
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion:164 Resp: 38154
Ion Ratio Lower Upper
164 100
166 131.0 101.9 152.9
129 90.5 83.4 125.0
131 94.7 74.9 112.3

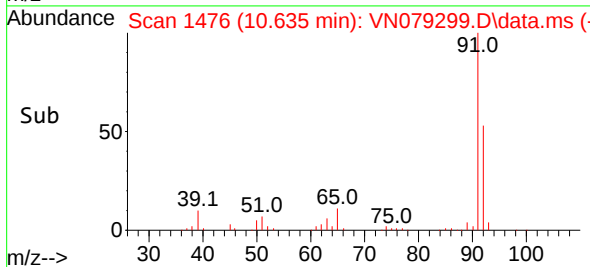
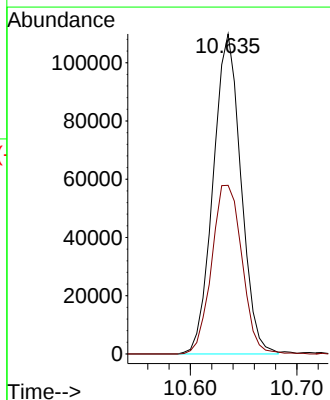
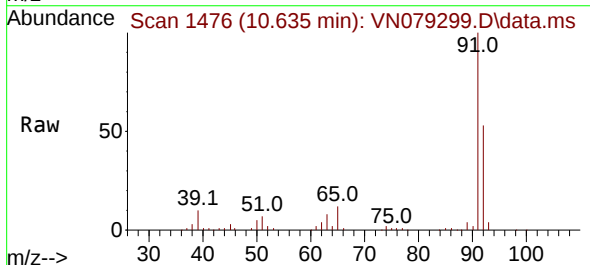
Manual Integrations
APPROVED

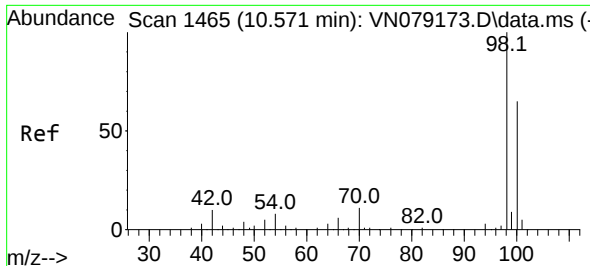
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#62
Toluene
Concen: 19.242 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

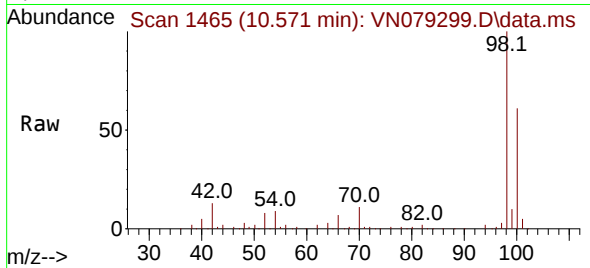
Tgt Ion: 91 Resp: 199101
Ion Ratio Lower Upper
91 100
92 57.4 45.7 68.5





#63
Toluene-d8
Concen: 30.906 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

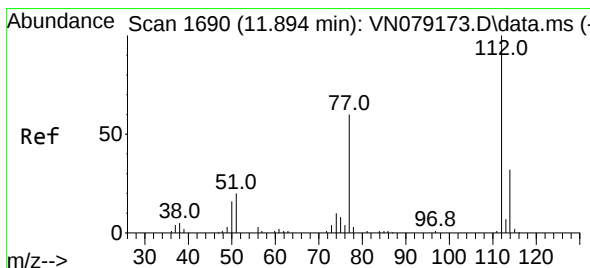
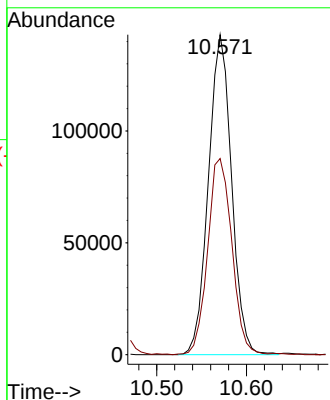
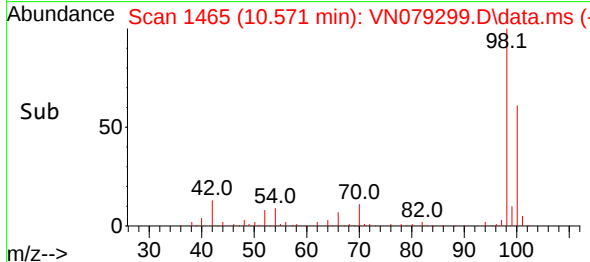
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



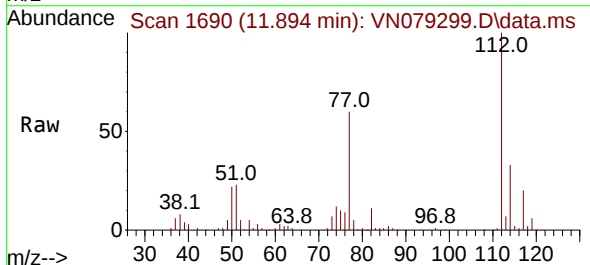
Tgt Ion: 98 Resp: 25667
Ion Ratio Lower Upper
98 100
100 64.0 52.5 78.7

Manual Integrations
APPROVED

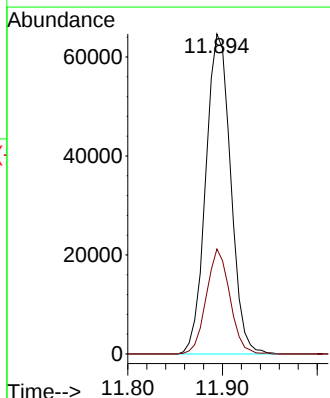
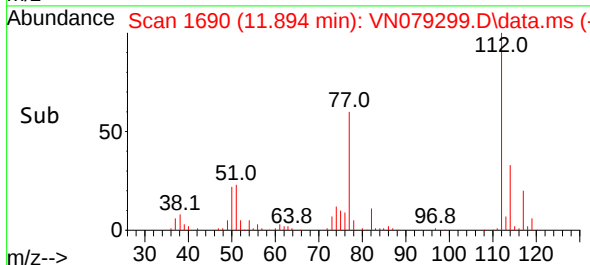
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023

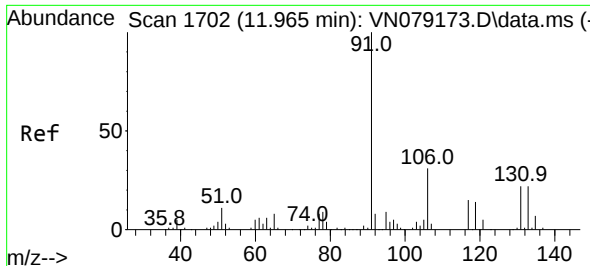


#64
Chlorobenzene
Concen: 19.571 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24



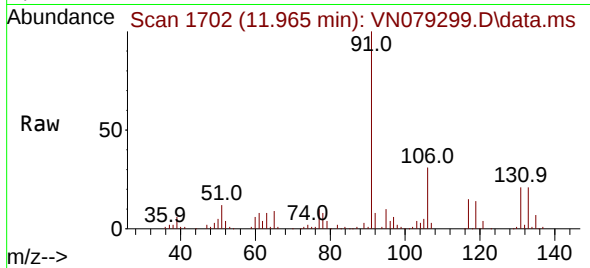
Tgt Ion:112 Resp: 118136
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.191 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

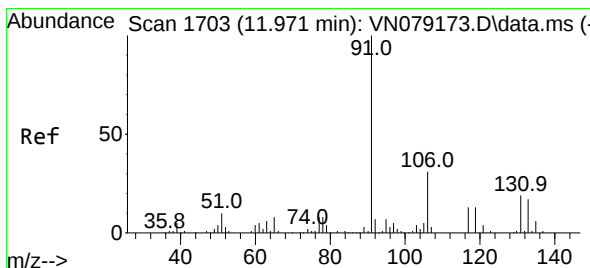
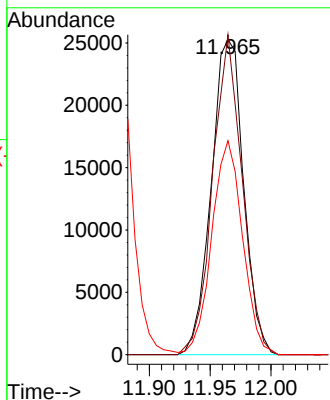
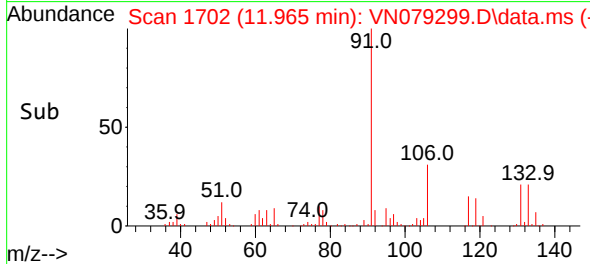
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



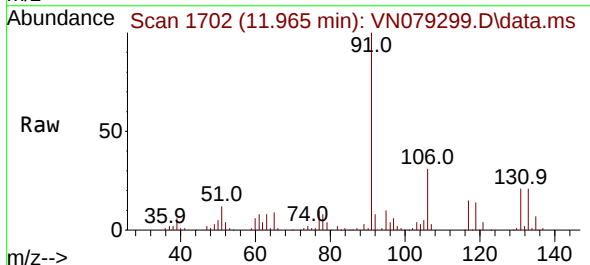
Tgt Ion:131 Resp: 46662
Ion Ratio Lower Upper
131 100
133 92.6 0.0 193.0
119 64.8 0.0 131.2

Manual Integrations
APPROVED

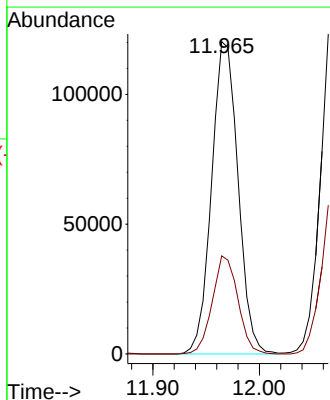
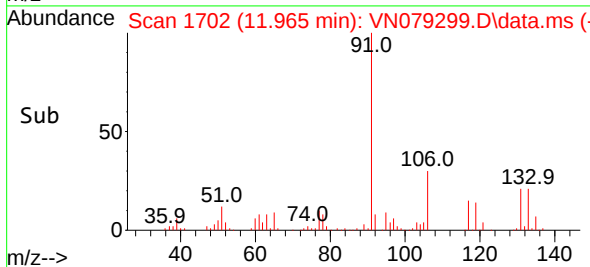
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023

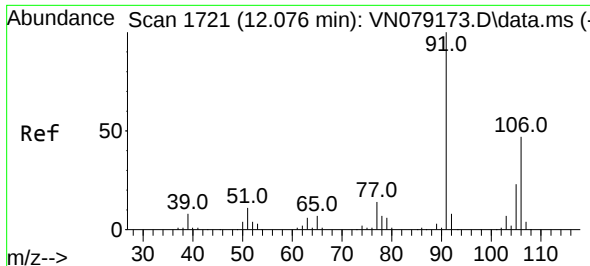


#66
Ethyl Benzene
Concen: 19.955 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24



Tgt Ion: 91 Resp: 207894
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6





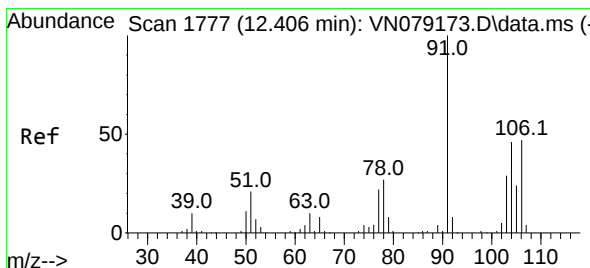
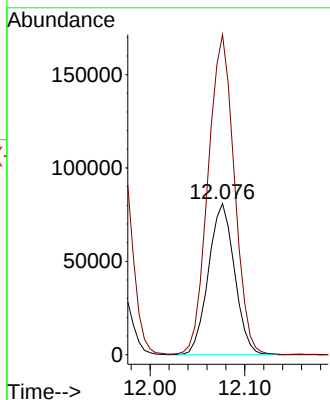
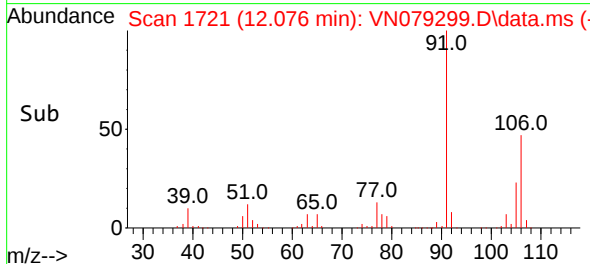
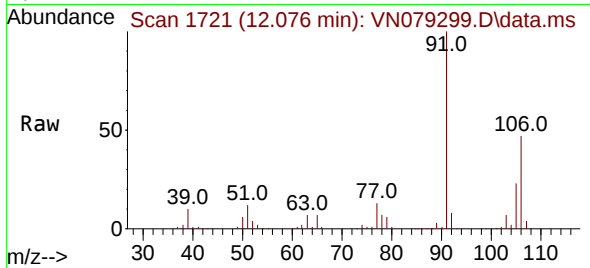
#67
m/p-Xylenes
Concen: 39.427 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion:106 Resp: 154550
Ion Ratio Lower Upper
106 100
91 213.8 165.2 247.8

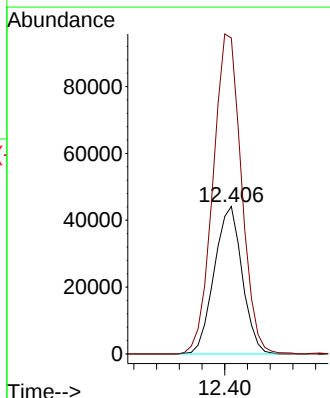
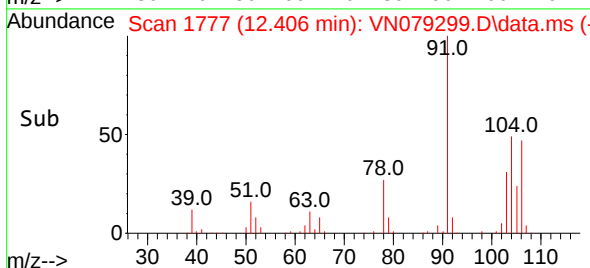
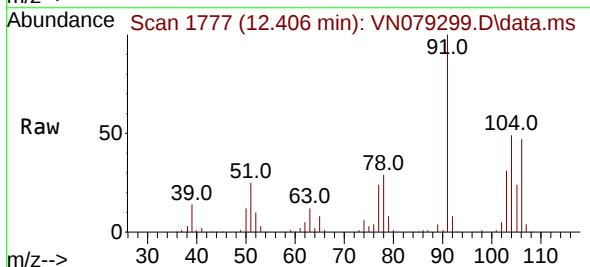
Manual Integrations
APPROVED

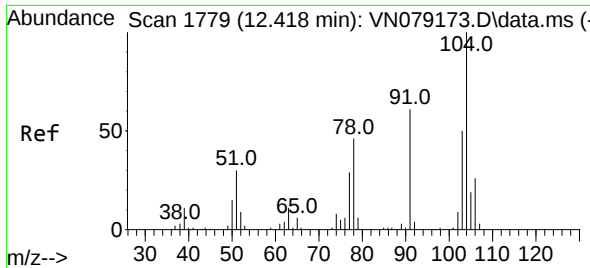
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#68
o-Xylene
Concen: 19.917 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

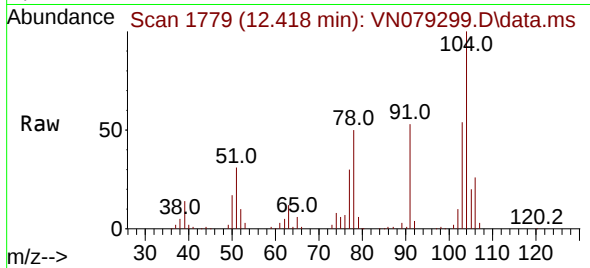
Tgt Ion:106 Resp: 75298
Ion Ratio Lower Upper
106 100
91 221.1 109.7 329.1





#69
Styrene
Concen: 19.882 ug/l
RT: 12.418 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

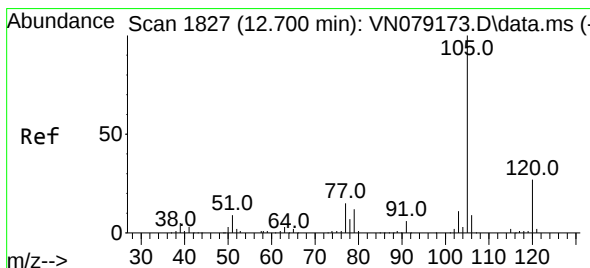
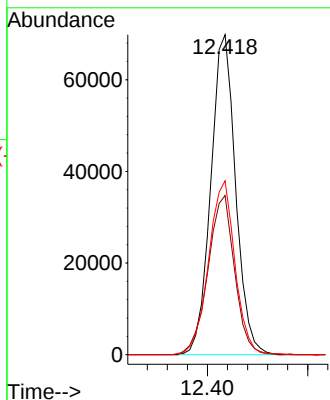
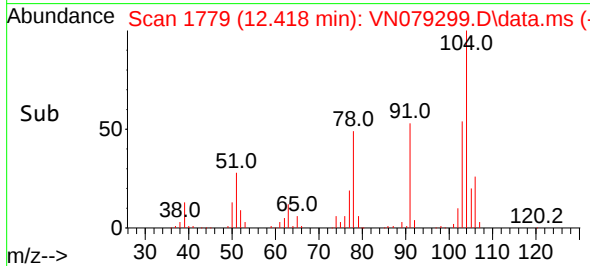
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



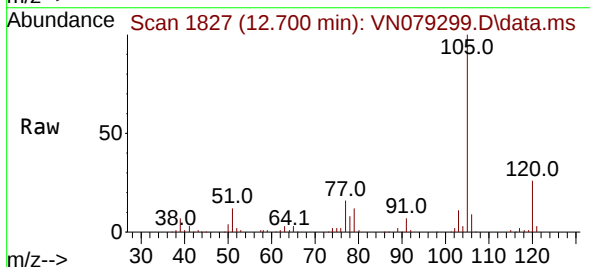
Tgt Ion:104 Resp: 11988
Ion Ratio Lower Upper
104 100
78 53.2 40.5 60.7
103 57.6 43.3 64.9

Manual Integrations
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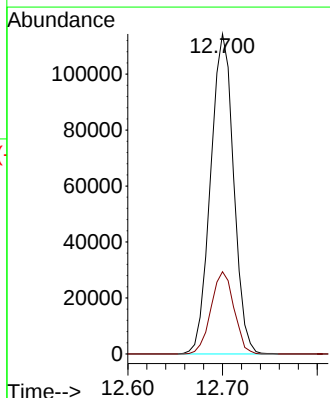
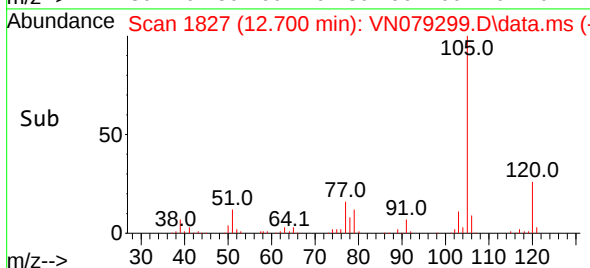
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023

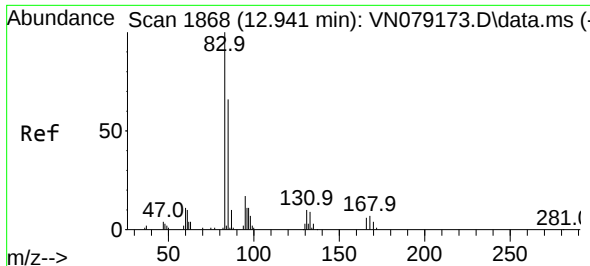


#70
Isopropylbenzene
Concen: 20.084 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24



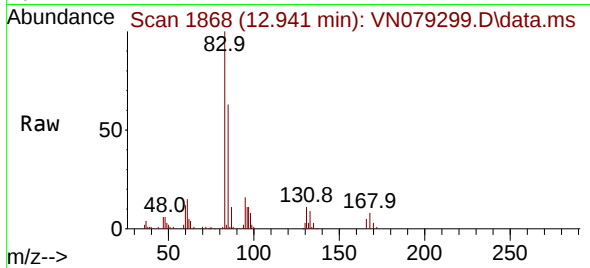
Tgt Ion:105 Resp: 193003
Ion Ratio Lower Upper
105 100
120 25.6 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.561 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

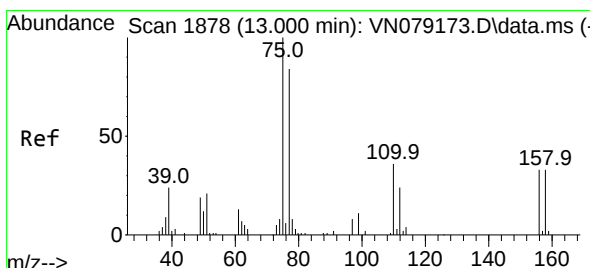
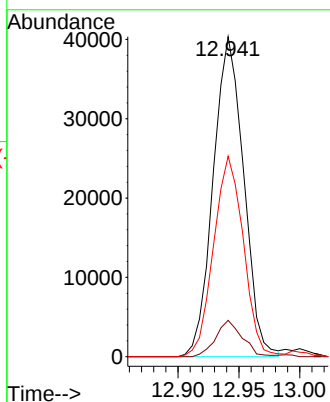
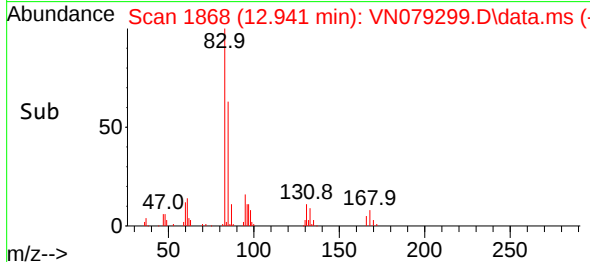
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion: 83 Resp: 7031
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 61.3 33.1 99.3

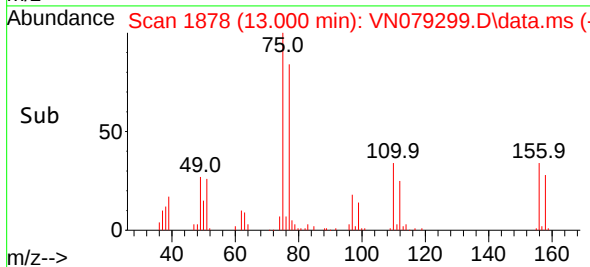
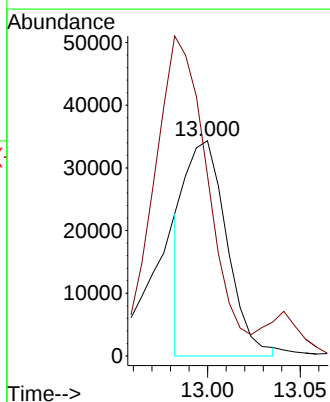
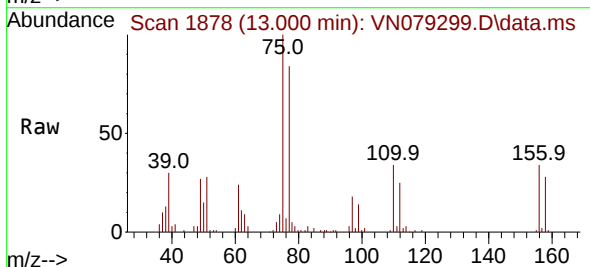
Manual Integrations
APPROVED

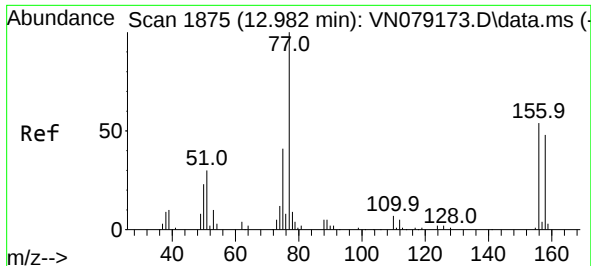
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#72
1,2,3-Trichloropropane
Concen: 17.881 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

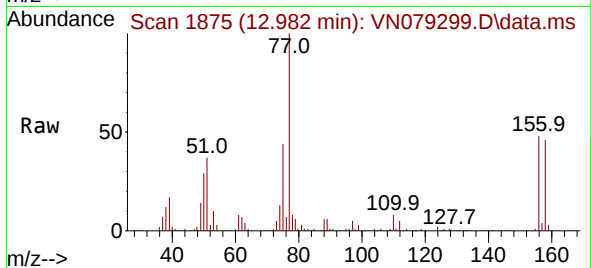
Tgt Ion: 75 Resp: 54085
Ion Ratio Lower Upper
75 100
77 191.3 0.0 252.2





#73
Bromobenzene
Concen: 18.886 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

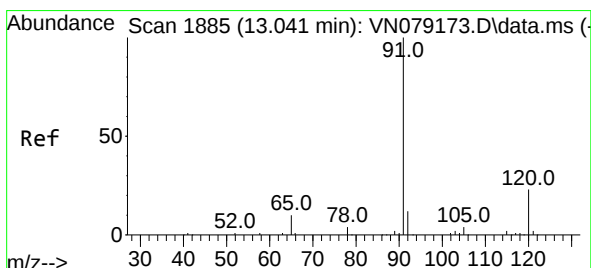
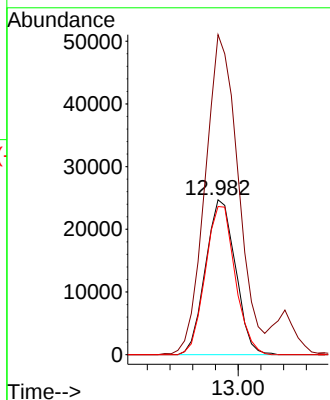
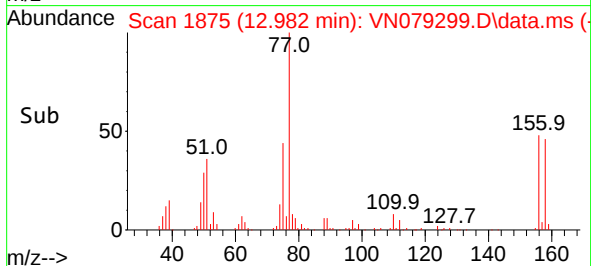
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



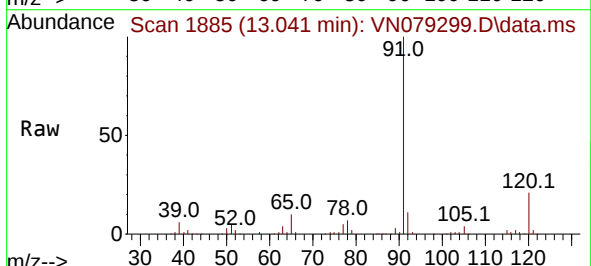
Tgt Ion:156 Resp: 45338
Ion Ratio Lower Upper
156 100
77 228.2 0.0 446.6
158 95.3 0.0 188.6

Manual Integrations
APPROVED

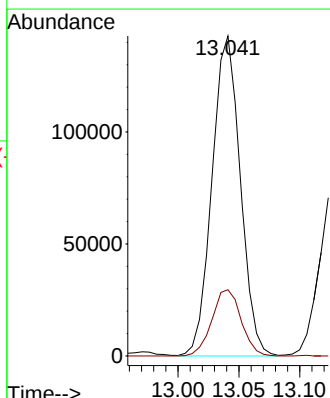
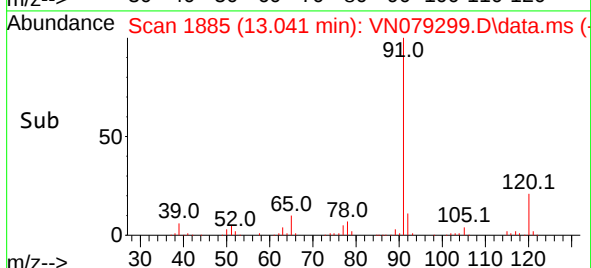
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023

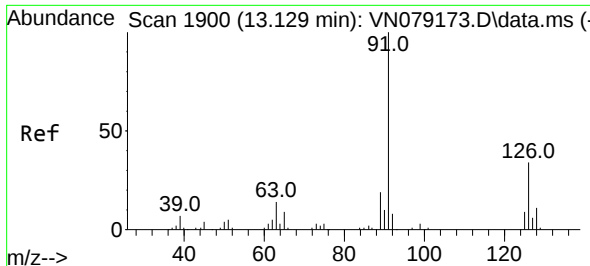


#74
n-propylbenzene
Concen: 21.123 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24



Tgt Ion: 91 Resp: 231273
Ion Ratio Lower Upper
91 100
120 21.3 0.0 44.0





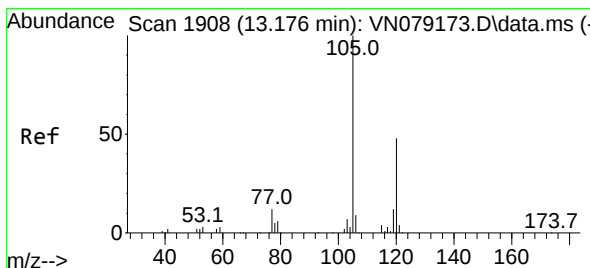
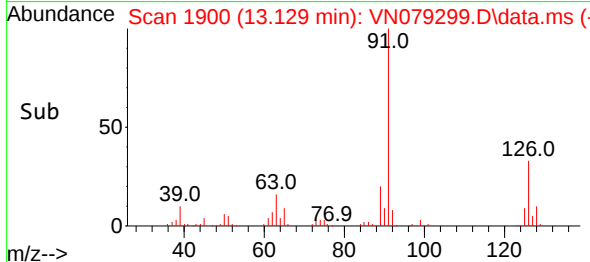
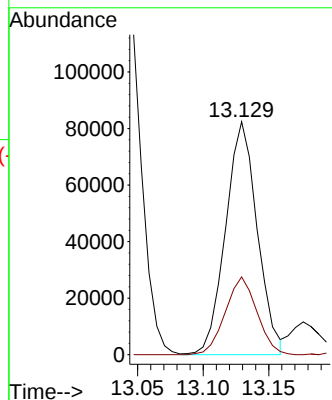
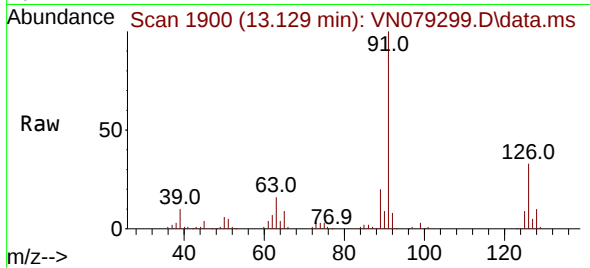
#75
2-Chlorotoluene
Concen: 19.753 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion: 91 Resp: 13868
Ion Ratio Lower Upper
91 100
126 33.3 0.0 65.4

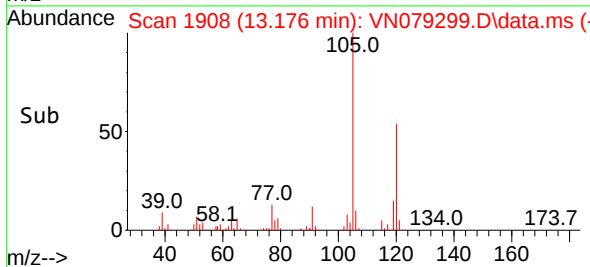
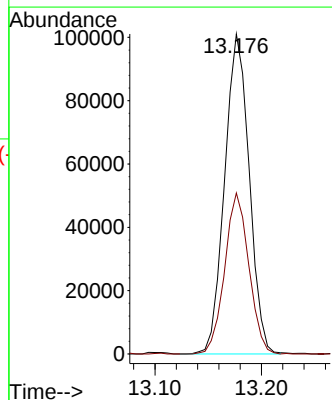
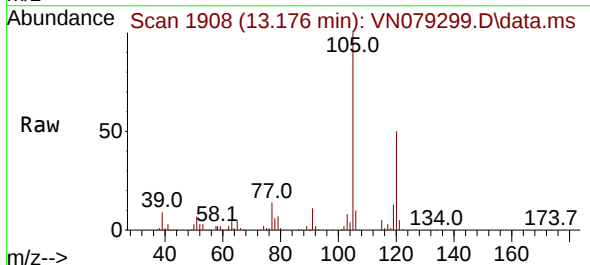
Manual Integrations
APPROVED

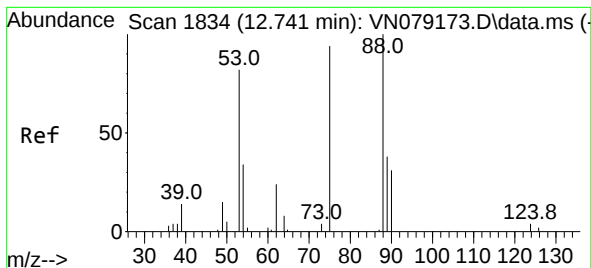
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.364 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Tgt Ion:105 Resp: 161804
Ion Ratio Lower Upper
105 100
120 49.4 0.0 95.6





#77

t-1,4-Dichloro-2-butene

Concen: 17.271 ug/l

RT: 12.735 min Scan# 1839

Delta R.T. -0.006 min

Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

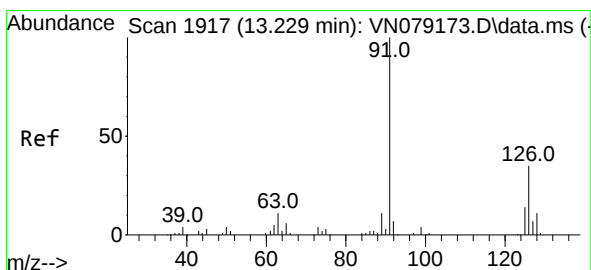
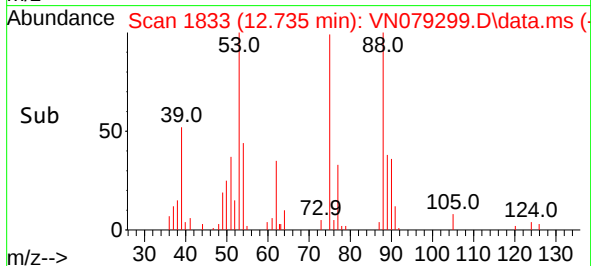
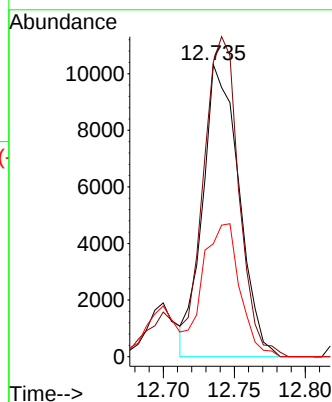
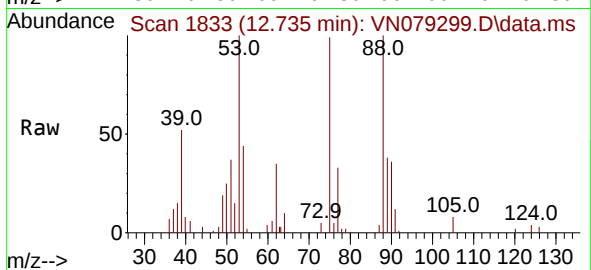
Tgt Ion: 75	Resp: 1839
Ion Ratio	Lower Upper
75	100
53	99.4 44.1 132.4
89	38.7 22.4 67.3

Manual Integrations

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Reviewed By :John Carlone 09/19/2023

Supervised By :Mahesh Dadoda 09/20/2023



#78

4-Chlorotoluene

Concen: 20.181 ug/l

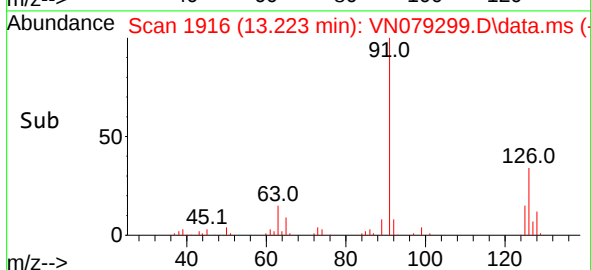
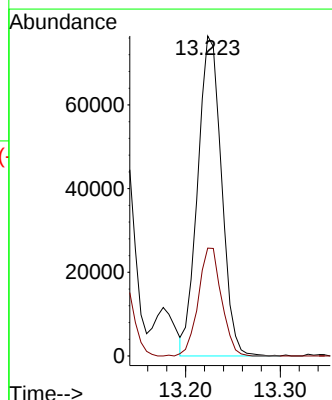
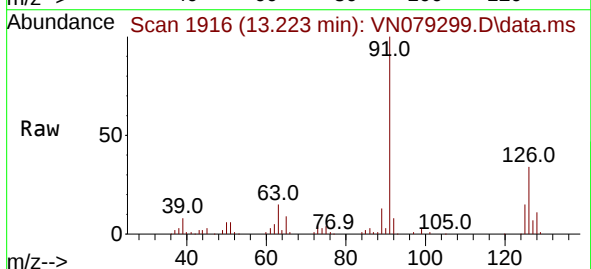
RT: 13.223 min Scan# 1916

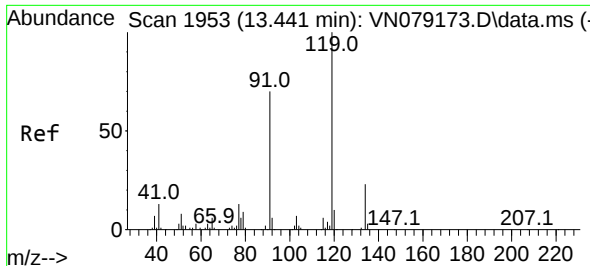
Delta R.T. -0.006 min

Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

Tgt Ion: 91	Resp: 133783
Ion Ratio	Lower Upper
91	100
126	32.8 0.0 66.6





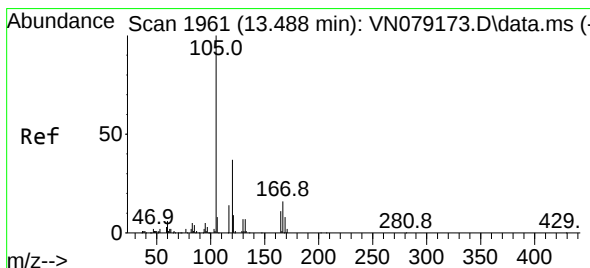
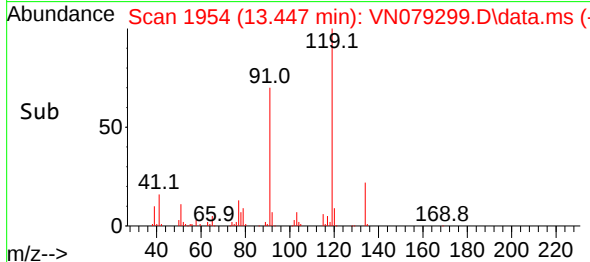
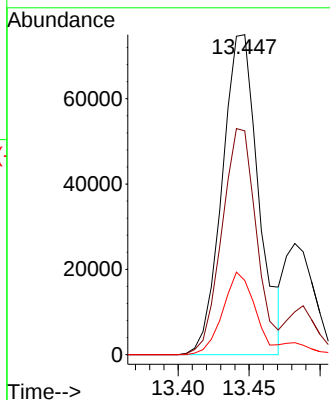
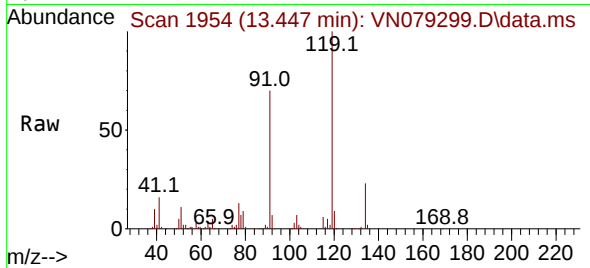
#79
tert-butylbenzene
Concen: 20.539 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01

Tgt Ion:119 Resp: 133952
Ion Ratio Lower Upper
119 100
91 67.5 0.0 130.8
134 22.5 0.0 48.8

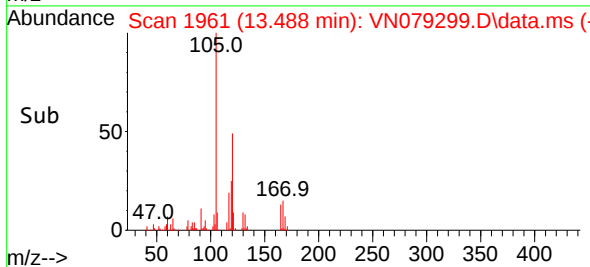
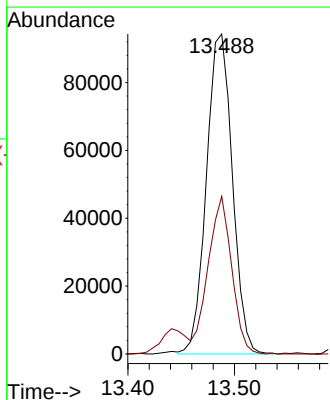
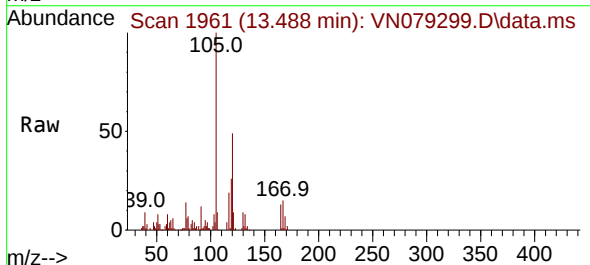
Manual Integrations
APPROVED

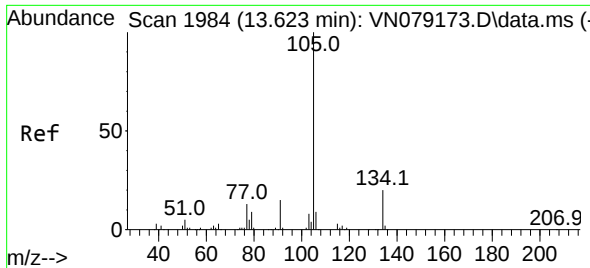
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.035 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

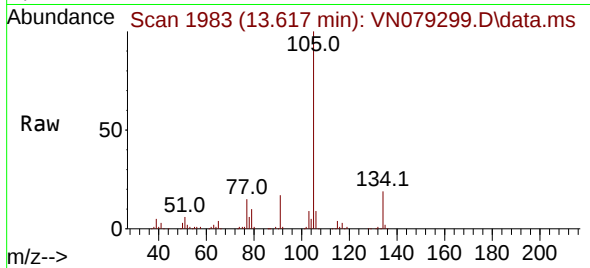
Tgt Ion:105 Resp: 159615
Ion Ratio Lower Upper
105 100
120 44.7 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 20.766 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079299.D
 Acq: 19 Sep 2023 13:24

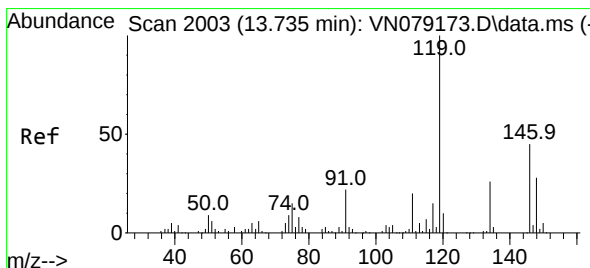
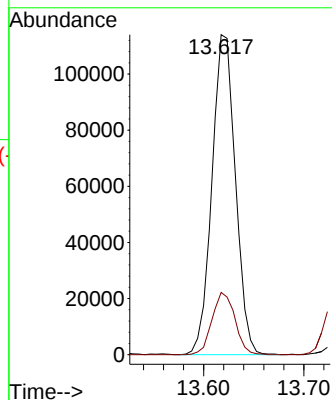
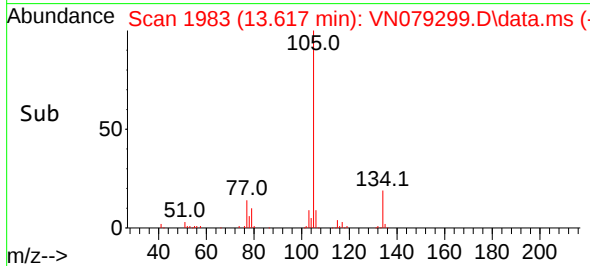
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBSD01



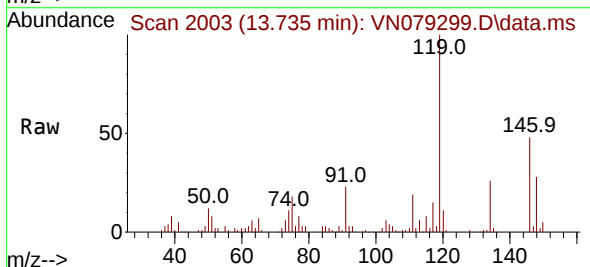
Tgt Ion:105 Resp: 185304
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.6

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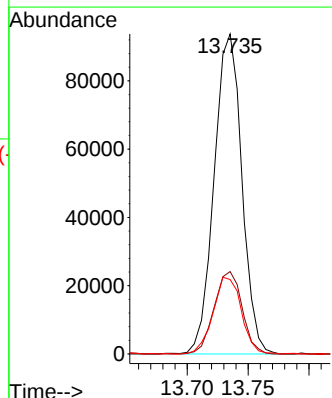
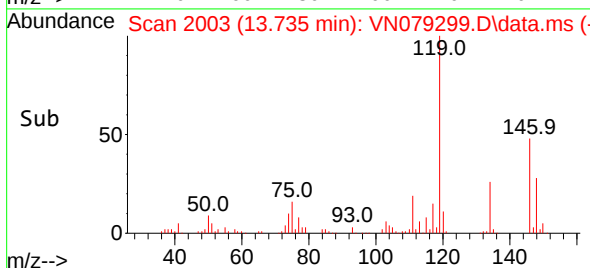
Reviewed By :John Carlone 09/19/2023
 Supervised By :Mahesh Dadoda 09/20/2023

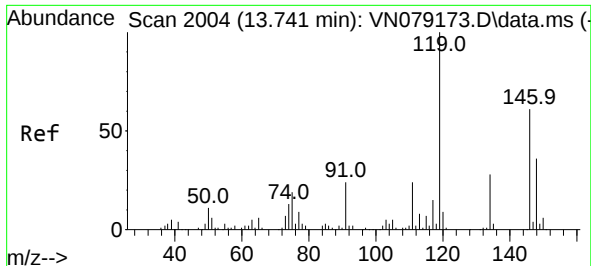


#82
 p-Isopropyltoluene
 Concen: 21.074 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079299.D
 Acq: 19 Sep 2023 13:24



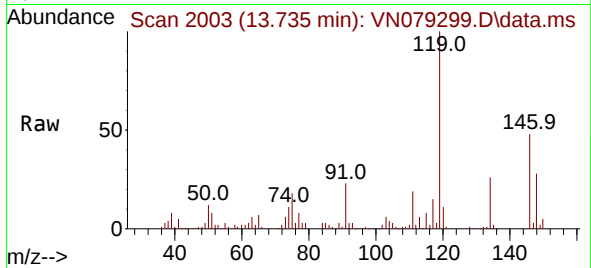
Tgt Ion:119 Resp: 148544
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 53.8
 91 24.4 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 20.335 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

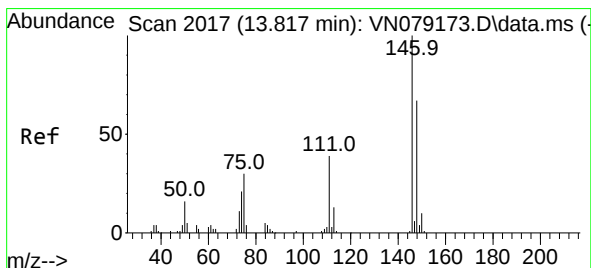
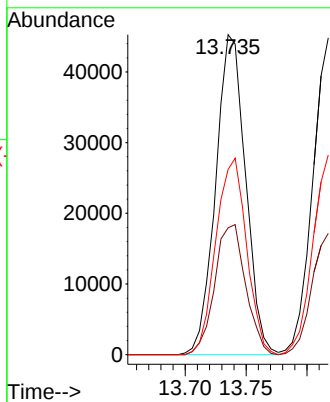
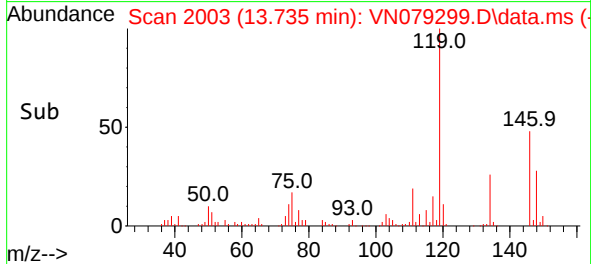
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion:146 Resp: 77520
Ion Ratio Lower Upper
146 100
111 42.0 20.5 61.5
148 62.9 31.8 95.3

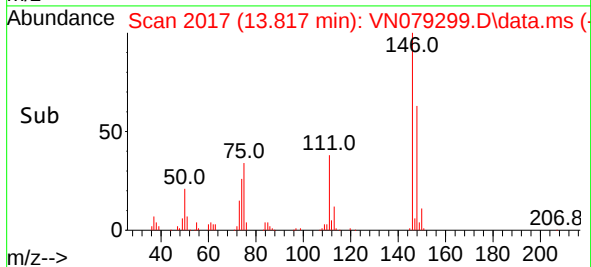
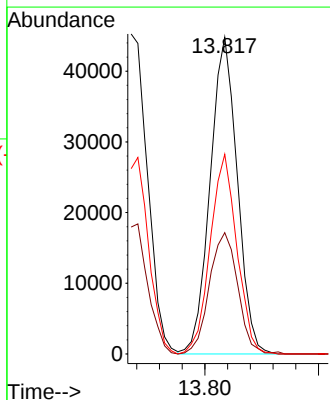
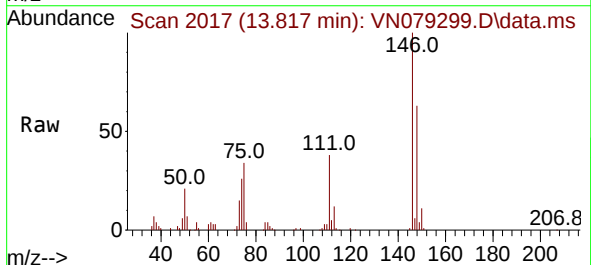
Manual Integrations
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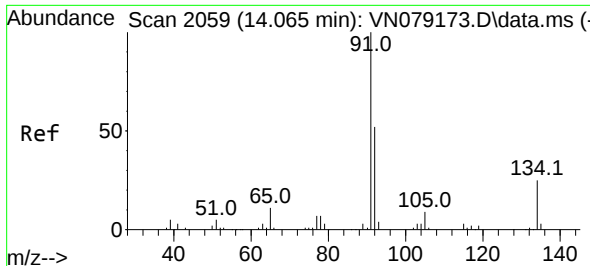
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#84
1,4-Dichlorobenzene
Concen: 20.841 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Tgt Ion:146 Resp: 74512
Ion Ratio Lower Upper
146 100
111 39.8 19.5 58.5
148 61.8 32.1 96.5





#85

n-Butylbenzene

Concen: 21.337 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

Tgt Ion: 91 Resp: 114540

Ion Ratio Lower Upper

91 100

92 49.9 0.0 105.0

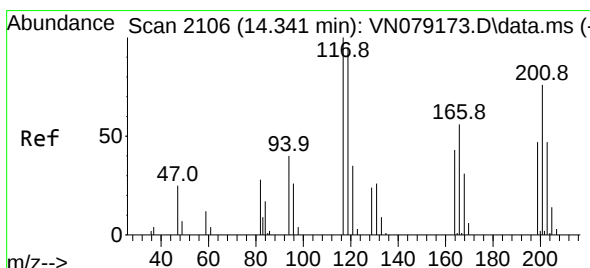
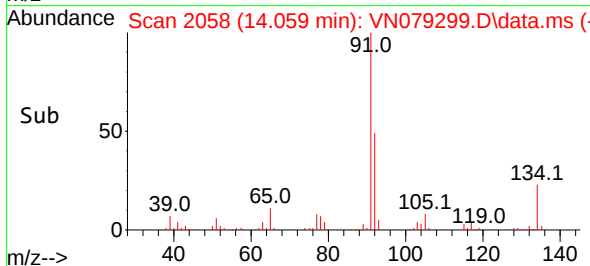
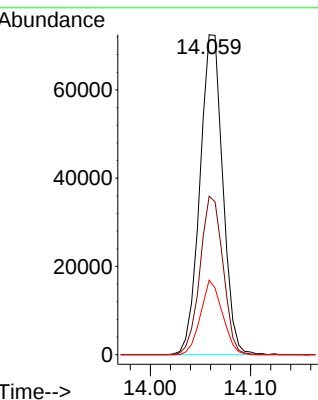
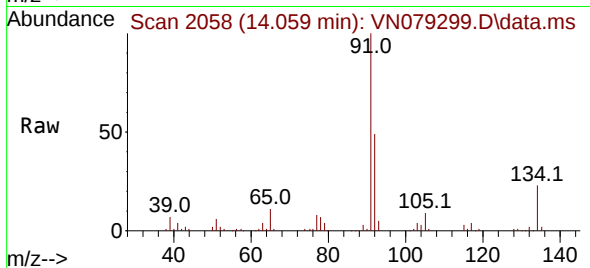
134 22.3 0.0 49.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Mahesh Dadoda 09/20/2023



#86

Hexachloroethane

Concen: 21.797 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN079299.D

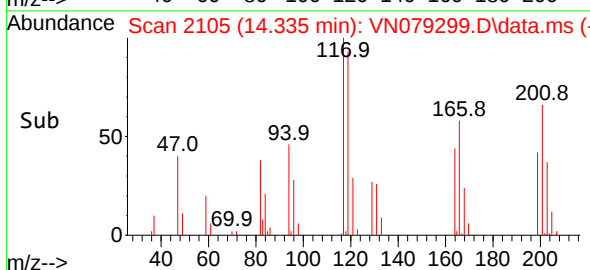
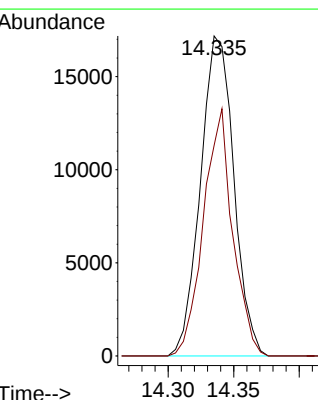
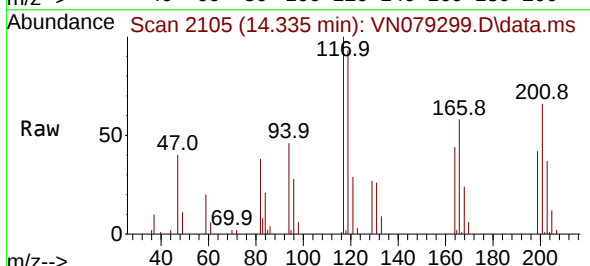
Acq: 19 Sep 2023 13:24

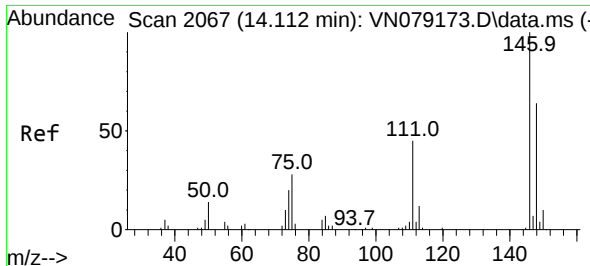
Tgt Ion:117 Resp: 30419

Ion Ratio Lower Upper

117 100

201 67.7 37.2 111.6





#87

1,2-Dichlorobenzene

Concen: 20.518 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0919WBSD01

Tgt Ion:146 Resp: 7719

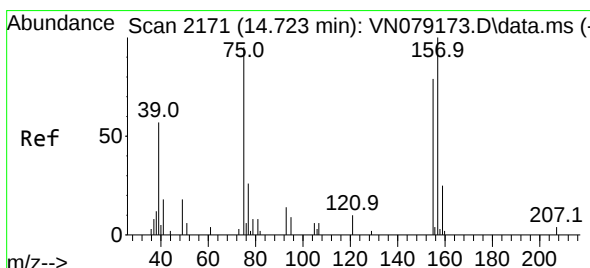
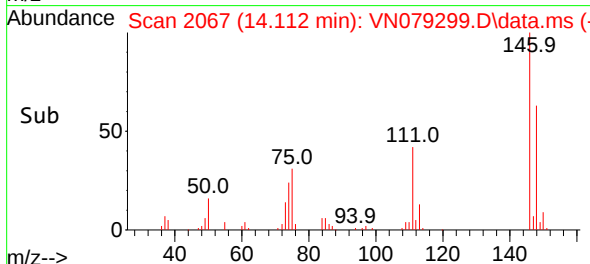
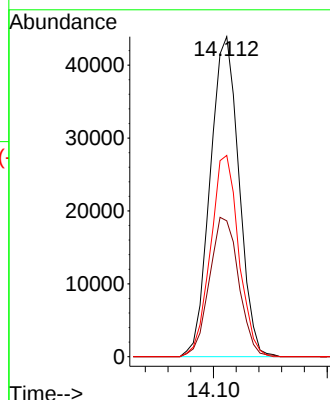
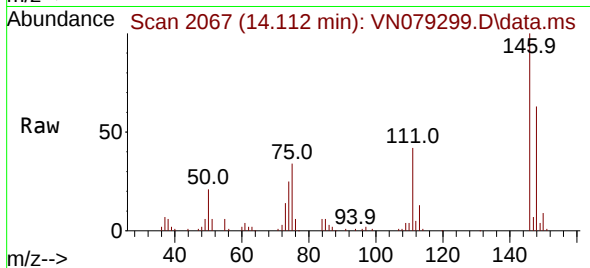
Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.5	64.5
148	61.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Mahesh Dadoda 09/20/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.465 ug/l

RT: 14.723 min Scan# 2171

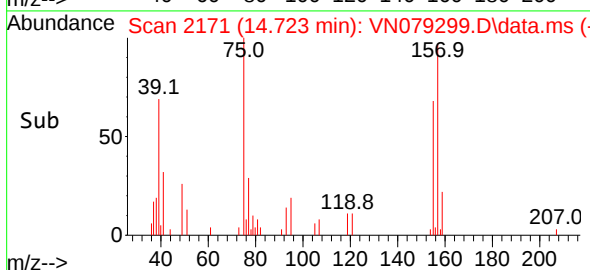
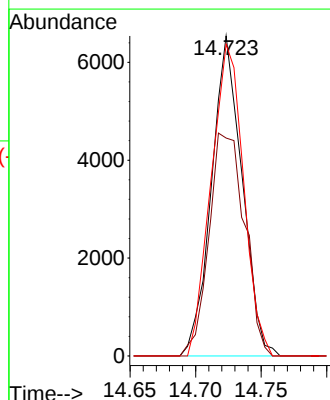
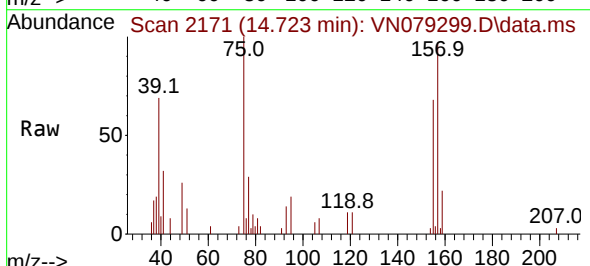
Delta R.T. 0.000 min

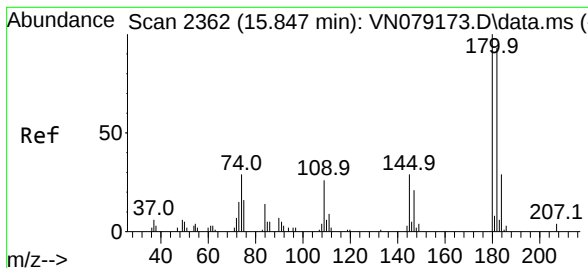
Lab File: VN079299.D

Acq: 19 Sep 2023 13:24

Tgt Ion: 75 Resp: 10612

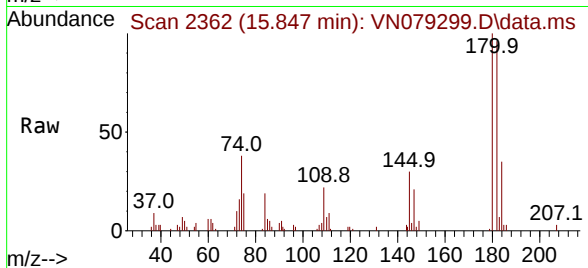
Ion	Ratio	Lower	Upper
75	100		
155	81.1	68.1	102.1
157	102.8	83.9	125.9





#89
1,2,4-Trichlorobenzene
Concen: 17.596 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

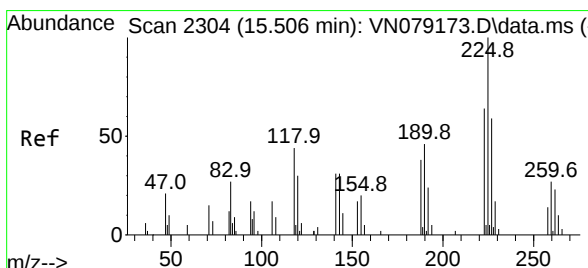
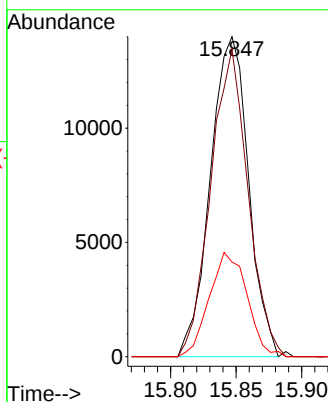
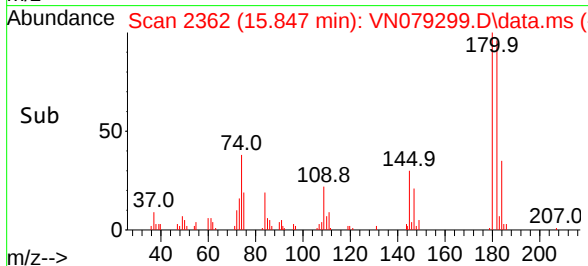
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



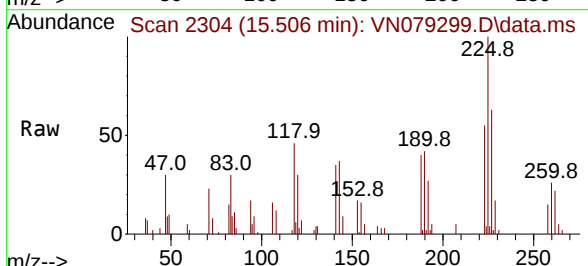
Tgt Ion:180 Resp: 2832
Ion Ratio Lower Upper
180 100
182 93.6 74.5 111.7
145 32.2 26.2 39.2

Manual Integrations
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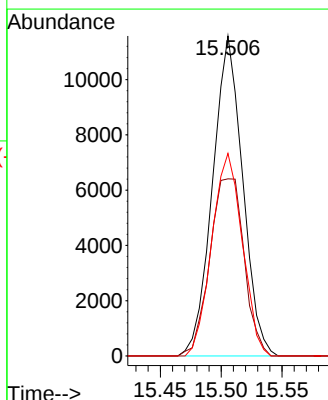
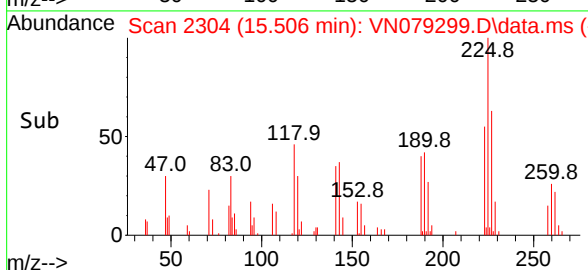
Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023

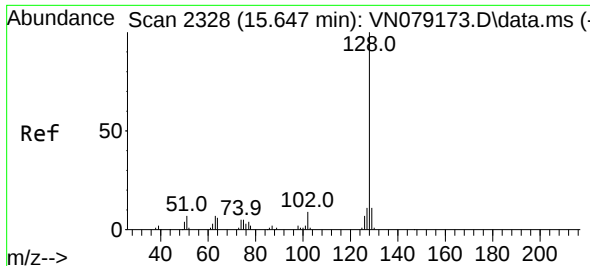


#90
Hexachlorobutadiene
Concen: 20.356 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24



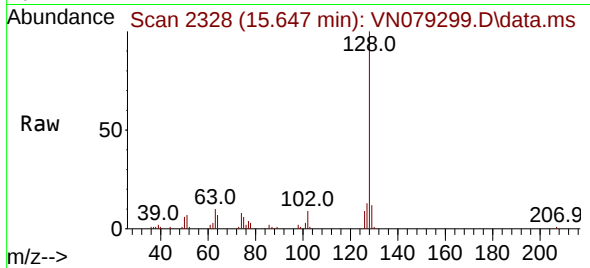
Tgt Ion:225 Resp: 19905
Ion Ratio Lower Upper
225 100
223 63.1 0.0 125.6
227 64.3 0.0 124.0





#91
Naphthalene
Concen: 13.887 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

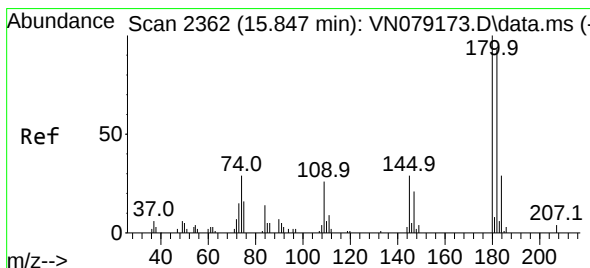
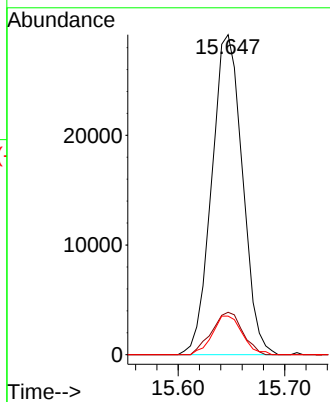
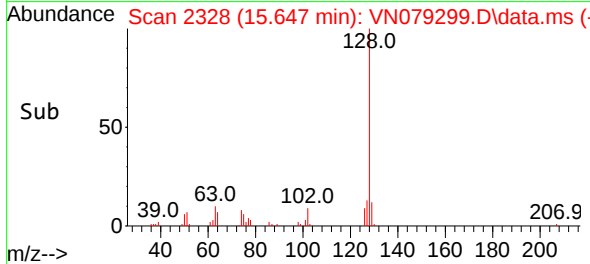
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBSD01



Tgt Ion:128 Resp: 5842
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 11.8 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2023
Supervised By :Mahesh Dadoda 09/20/2023



#92
1,2,3-Trichlorobenzene
Concen: 17.596 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079299.D
Acq: 19 Sep 2023 13:24

Tgt Ion:180 Resp: 28327
Ion Ratio Lower Upper
180 100
182 93.6 0.0 186.2
145 32.2 0.0 65.4

