

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079765.D
 Acq On : 01 Nov 2023 11:38
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/02/2023
 Supervised By : Mahesh Dadoda 11/02/2023

Quant Time: Nov 02 05:30:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:25:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	305526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	544074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	480271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	25252	5.425	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.840%#		
35) Dibromofluoromethane	8.165	113	19851	5.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.320%#		
50) Toluene-d8	10.571	98	69191	4.881	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.760%#		
62) 4-Bromofluorobenzene	12.853	95	22115	4.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	18172	4.938	ug/l	98
3) Chloromethane	2.359	50	27236	5.177	ug/l	100
4) Vinyl Chloride	2.512	62	24196	5.023	ug/l #	88
5) Bromomethane	2.942	94	15249	5.210	ug/l	92
6) Chloroethane	3.112	64	16577	4.339	ug/l	91
7) Trichlorofluoromethane	3.489	101	30758	5.134	ug/l	96
8) Diethyl Ether	3.965	74	12257	5.391	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.371	101	17515	5.043	ug/l #	70
10) Methyl Iodide	4.589	142	19641	4.952	ug/l	91
11) Tert butyl alcohol	5.518	59	16936m	28.502	ug/l	
12) 1,1-Dichloroethene	4.336	96	16558	5.035	ug/l #	67
13) Acrolein	4.177	56	14847	29.085	ug/l	97
14) Allyl chloride	5.024	41	28964	5.750	ug/l #	78
15) Acrylonitrile	5.724	53	47028	25.397	ug/l	97
16) Acetone	4.436	43	40327	24.664	ug/l	93
17) Carbon Disulfide	4.712	76	49204	5.187	ug/l	96
18) Methyl Acetate	5.030	43	39512	5.051	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	56690	5.007	ug/l	99
20) Methylene Chloride	5.265	84	21633	5.244	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	19242	5.246	ug/l	90
22) Diisopropyl ether	6.671	45	56717	4.859	ug/l #	87
23) Vinyl Acetate	6.606	43	156891	24.367	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	36002	5.074	ug/l	98
25) 2-Butanone	7.489	43	60954	25.458	ug/l #	81
26) 2,2-Dichloropropane	7.489	77	29840	5.086	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	21570	4.916	ug/l	84
28) Bromochloromethane	7.824	49	16881	4.882	ug/l	83
29) Tetrahydrofuran	7.847	42	38588	24.772	ug/l #	78
31) Cyclohexane	8.259	56	35743	5.811	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	31901	5.080	ug/l	95
36) 1,1-Dichloropropene	8.371	75	27175	4.943	ug/l	96
37) Ethyl Acetate	7.565	43	24504	4.859	ug/l #	93
38) Carbon Tetrachloride	8.365	117	27747	5.007	ug/l	99
40) Benzene	8.606	78	84251	5.116	ug/l	94
41) Methacrylonitrile	7.783	41	13602	5.080	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	29272	5.089	ug/l	98

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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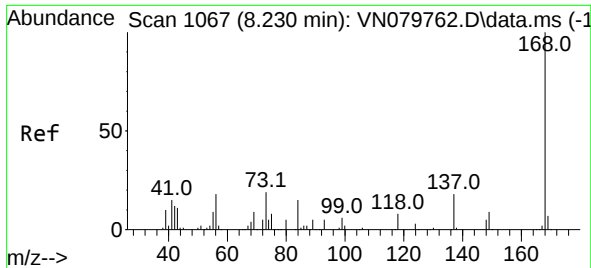
Manual Integrations
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Reviewed By : John Carlone 11/02/2023
 Supervised By : Mahesh Dadoda 11/02/2023

Quant Time: Nov 02 05:30:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:25:18 2023
 Response via : Initial Calibration

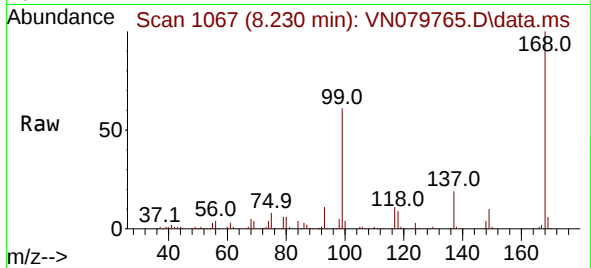
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.694	43	45040	5.093	ug/l #	90
46) Dibromomethane	9.712	93	14620	5.088	ug/l	97
48) Methyl methacrylate	9.683	41	17931	4.629	ug/l	87
49) 1,4-Dioxane	9.706	88	6876	100.465	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	125962	25.301	ug/l	90
52) Toluene	10.635	92	49095	5.029	ug/l	98
56) Ethyl methacrylate	10.877	69	25190	4.497	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	35028	5.061	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	66182	23.313	ug/l	92
59) 2-Hexanone	11.200	43	89640	23.536	ug/l	88
60) Dibromochloromethane	11.359	129	20312	4.832	ug/l	96
61) 1,2-Dibromoethane	11.477	107	19491	4.945	ug/l	98
64) Tetrachloroethene	11.106	164	15721	5.054	ug/l	95
65) Chlorobenzene	11.894	112	52508	5.040	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	18403	4.903	ug/l	99
68) m/p-Xylenes	12.076	106	67355	9.962	ug/l	99
69) o-Xylene	12.400	106	30818	4.733	ug/l	91
70) Styrene	12.412	104	48704	4.655	ug/l	98
71) Bromoform	12.582	173	13282	4.983	ug/l #	100
73) Isopropylbenzene	12.700	105	77996	5.075	ug/l	99
74) N-amyl acetate	12.500	43	34978	5.214	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	29374	5.391	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	24690m	5.200	ug/l	
77) Bromobenzene	12.982	156	19405	5.157	ug/l	98
78) n-propylbenzene	13.041	91	83996	4.773	ug/l	99
79) 2-Chlorotoluene	13.129	91	57490	5.113	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	58954	4.930	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	8321	4.762	ug/l	85
82) 4-Chlorotoluene	13.223	91	58869	5.269	ug/l	97
83) tert-Butylbenzene	13.441	119	48629	4.968	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	57774	4.911	ug/l	99
85) sec-Butylbenzene	13.618	105	68517	5.053	ug/l	97
86) p-Isopropyltoluene	13.735	119	54016	4.886	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	37363	5.338	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	36121	5.084	ug/l	91
89) n-Butylbenzene	14.059	91	44715	4.696	ug/l	97
90) Hexachloroethane	14.335	117	10635	4.857	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	33469	5.065	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4952	5.359	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	14812	4.714	ug/l	93
94) Hexachlorobutadiene	15.506	225	7924	5.564	ug/l	96
95) Naphthalene	15.647	128	51687	4.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	15835	5.142	ug/l	99

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

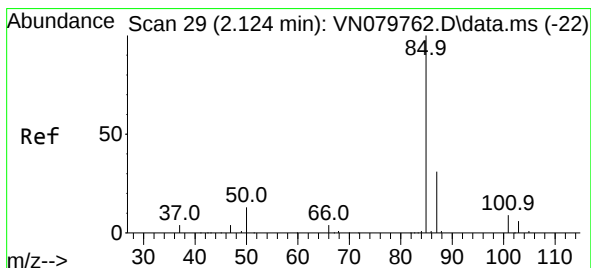
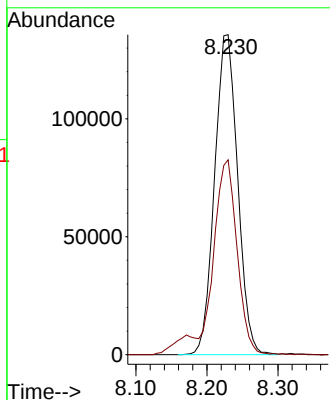
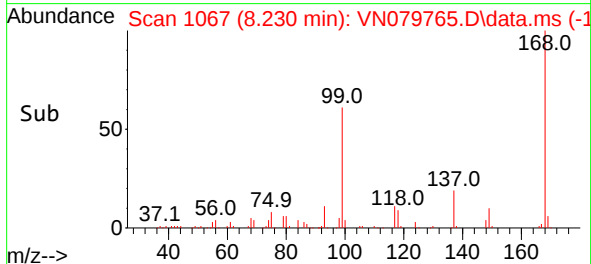
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 305520
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6

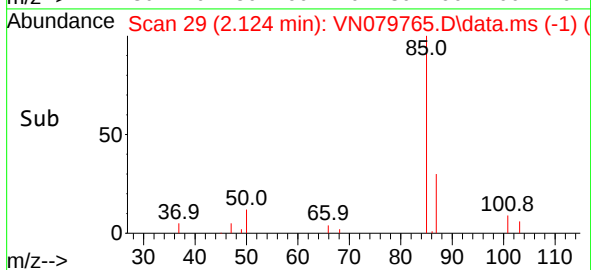
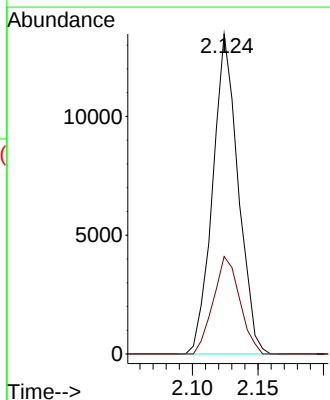
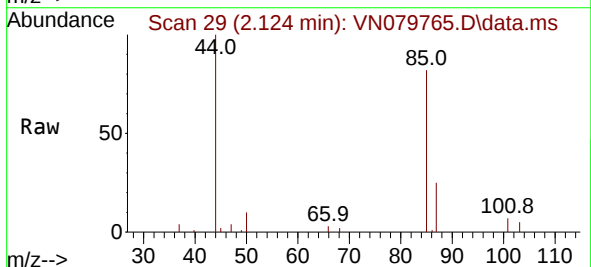
Manual Integrations
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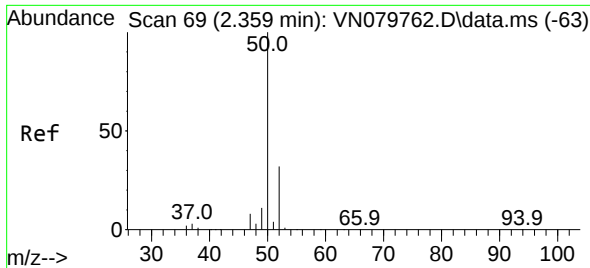
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#2
Dichlorodifluoromethane
Concen: 4.938 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

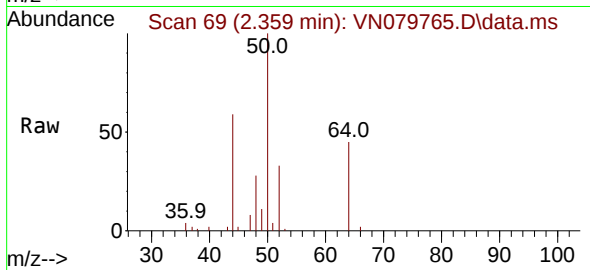
Tgt Ion: 85 Resp: 18172
Ion Ratio Lower Upper
85 100
87 30.4 15.8 47.4





#3
Chloromethane
Concen: 5.177 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

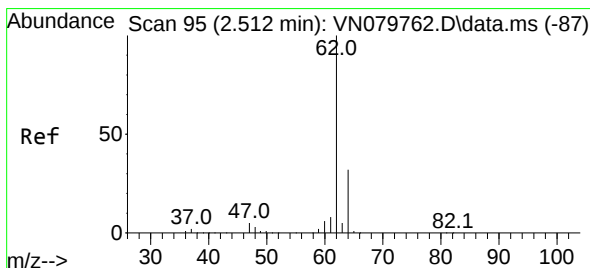
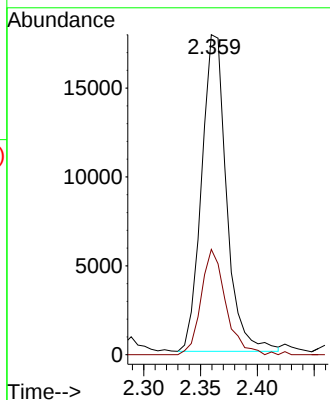
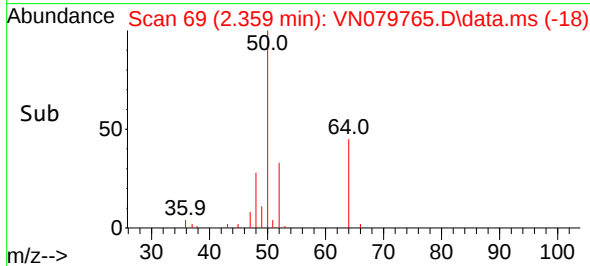
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 27236
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7

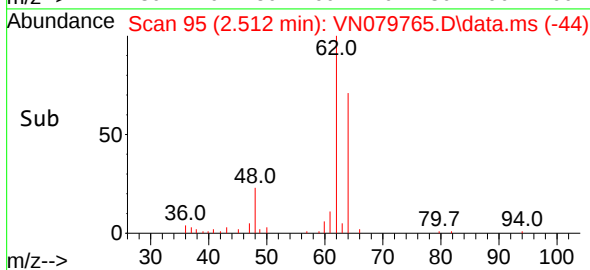
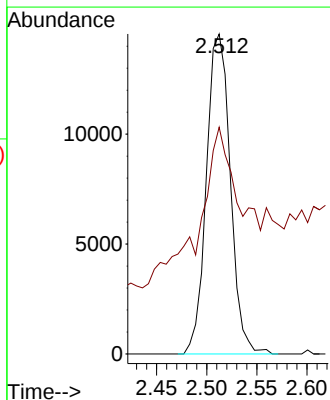
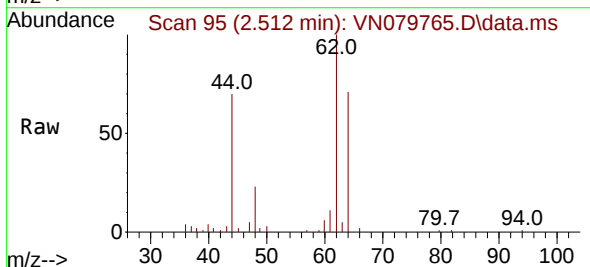
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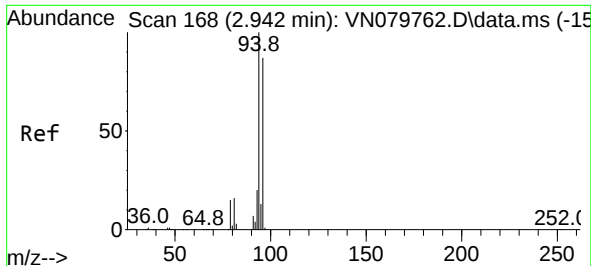
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#4
Vinyl Chloride
Concen: 5.023 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

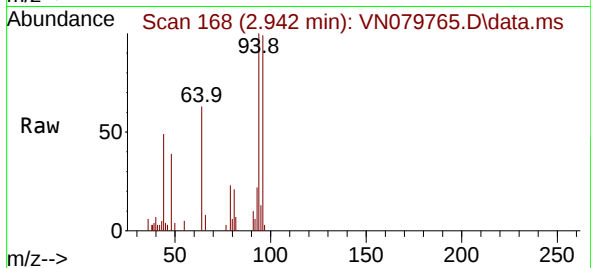
Tgt Ion: 62 Resp: 24196
Ion Ratio Lower Upper
62 100
64 39.6 26.2 39.2#





#5
Bromomethane
Concen: 5.210 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

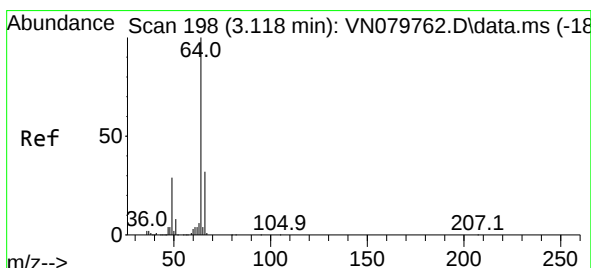
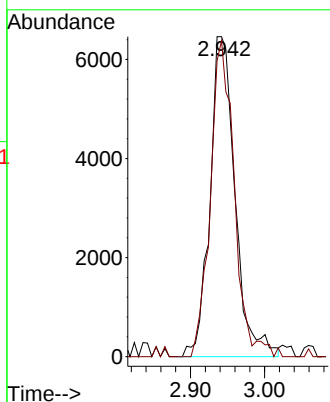
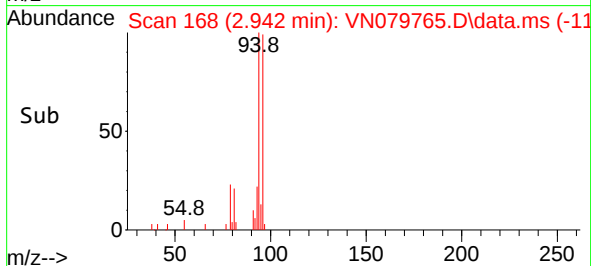
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 15249
Ion Ratio Lower Upper
94 100
96 98.8 73.1 109.7

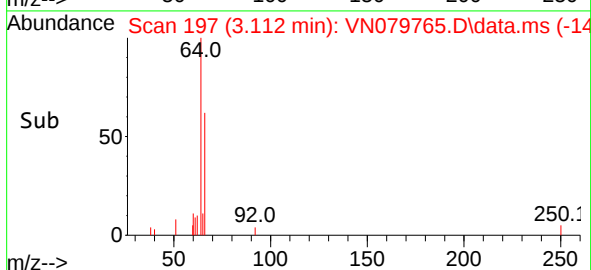
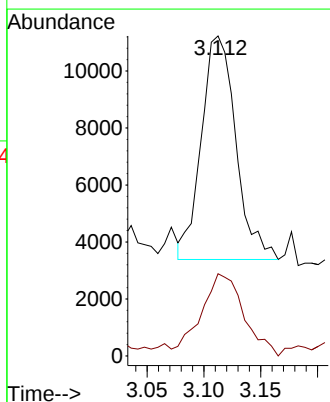
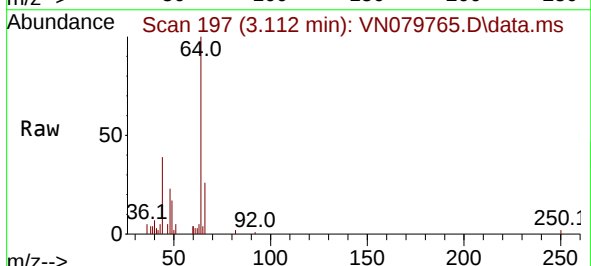
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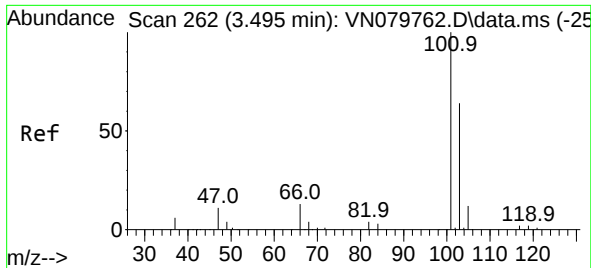
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#6
Chloroethane
Concen: 4.339 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion: 64 Resp: 16577
Ion Ratio Lower Upper
64 100
66 36.8 25.4 38.2





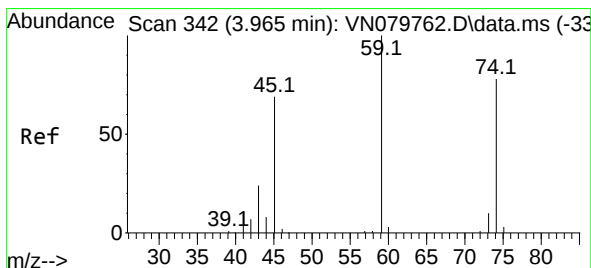
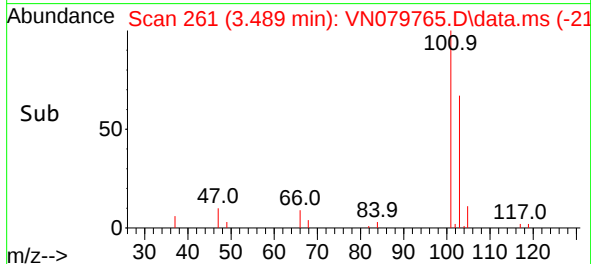
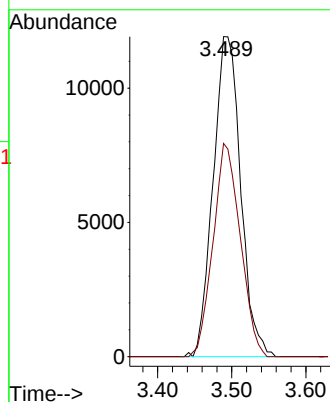
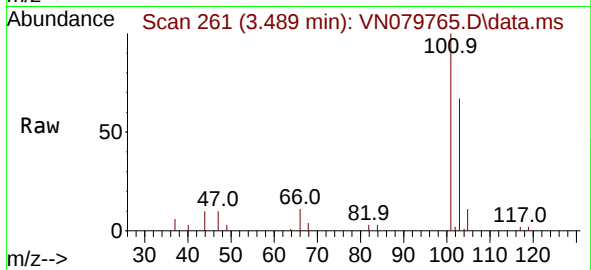
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Trichlorofluoromethane
Concen: 5.134 ug/l
RT: 3.489 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 30758
Ion Ratio Lower Upper
101 100
103 66.6 50.7 76.1

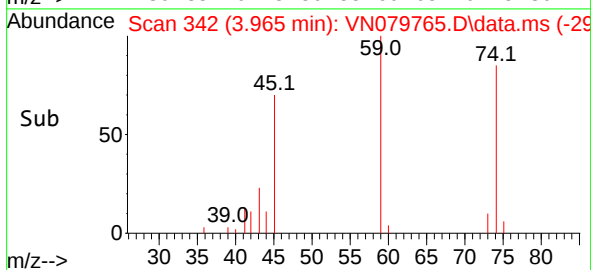
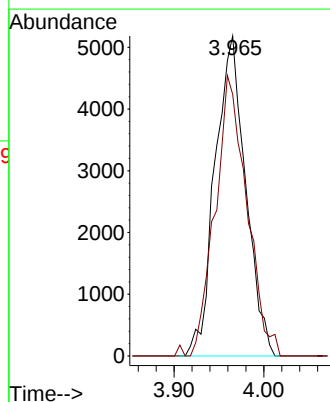
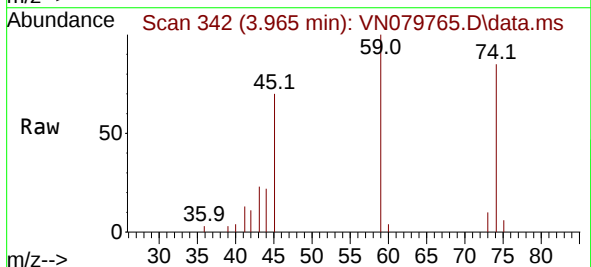
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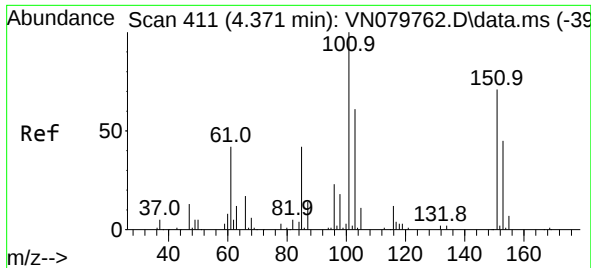
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#8
Diethyl Ether
Concen: 5.391 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion: 74 Resp: 12257
Ion Ratio Lower Upper
74 100
45 90.7 34.4 103.3





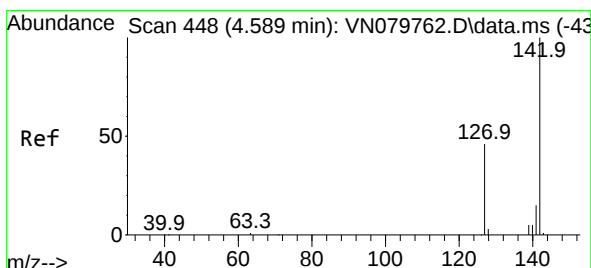
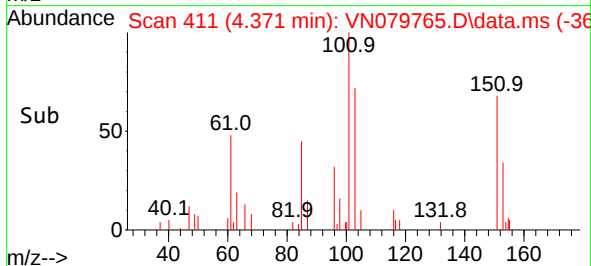
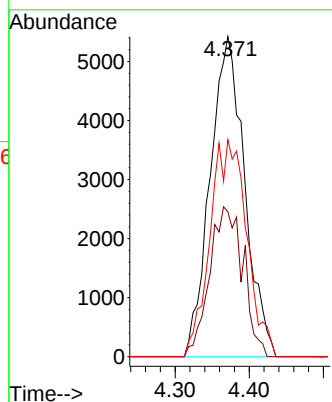
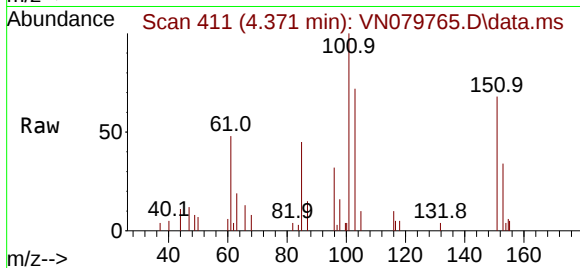
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.043 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1751
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 31.0 57.6 86.4

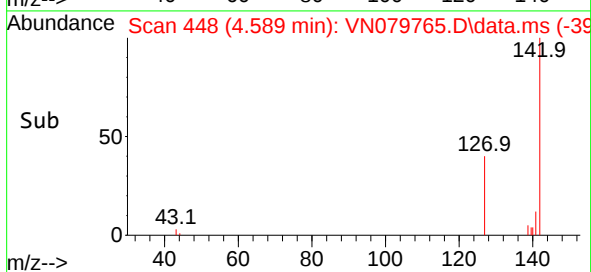
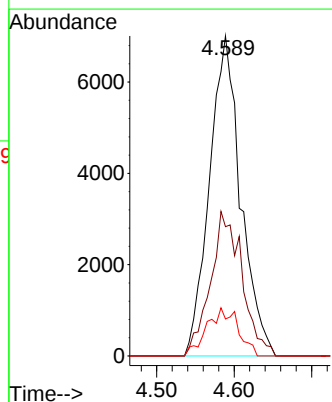
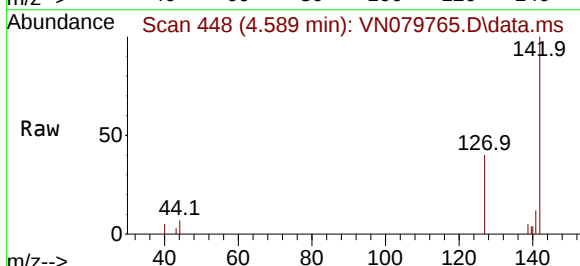
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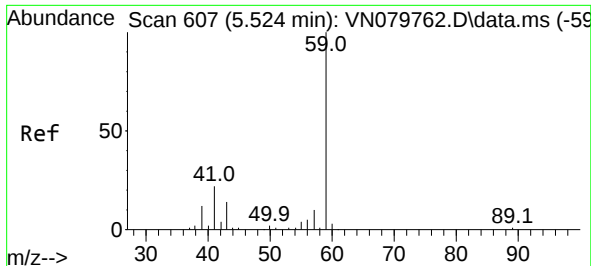
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#10
Methyl Iodide
Concen: 4.952 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion:142 Resp: 19641
Ion Ratio Lower Upper
142 100
127 40.4 37.6 56.4
141 11.5 11.4 17.0





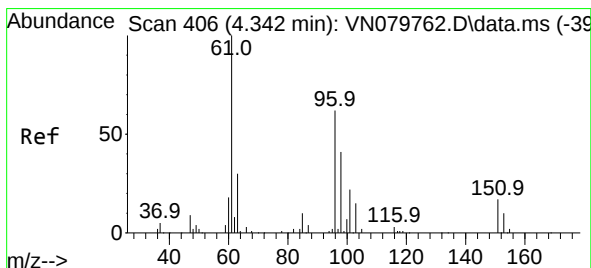
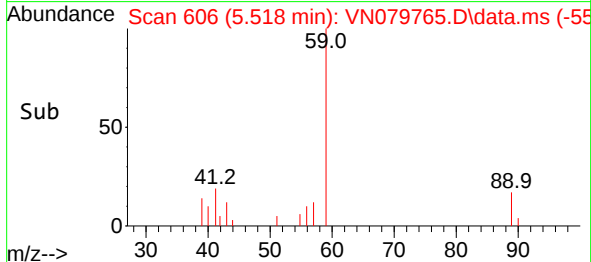
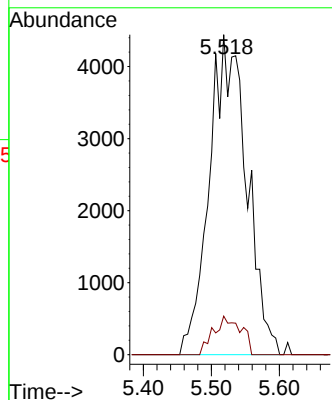
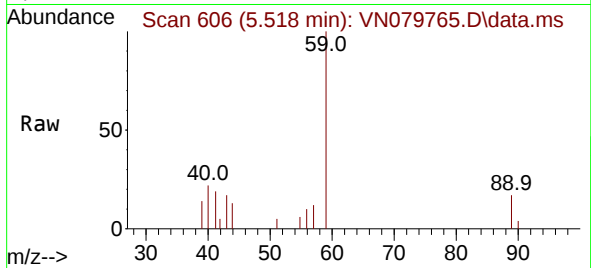
#11
Tert butyl alcohol
Concen: 28.502 ug/l m
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 16930
Ion Ratio Lower Upper
59 100
57 8.8 8.2 12.4

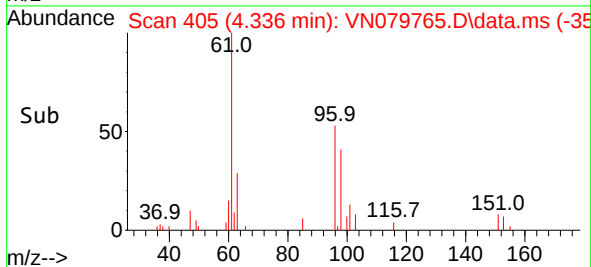
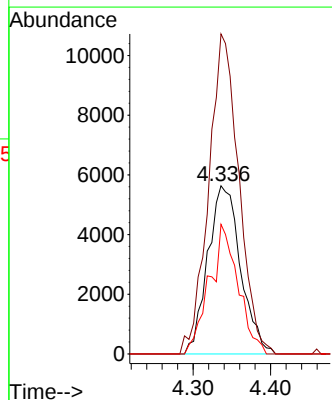
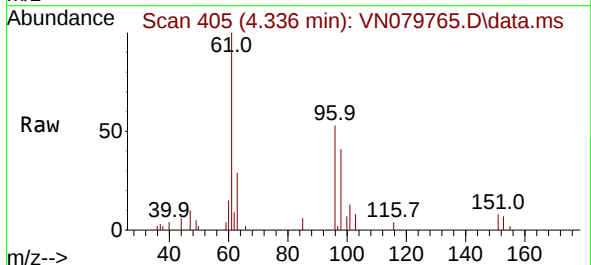
Manual Integrations
APPROVED

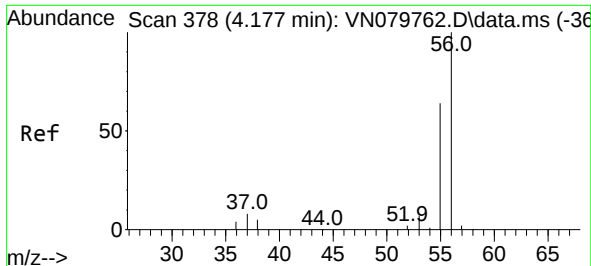
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#12
1,1-Dichloroethene
Concen: 5.035 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

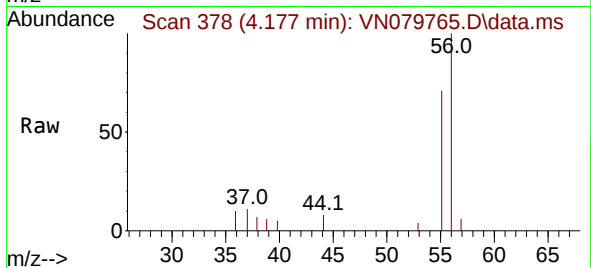
Tgt Ion: 96 Resp: 16558
Ion Ratio Lower Upper
96 100
61 190.2 112.7 169.1#
98 77.1 51.2 76.8#





#13
Acrolein
Concen: 29.085 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

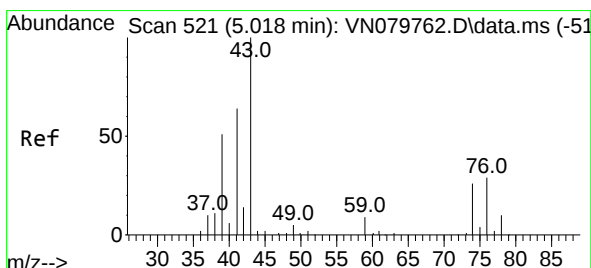
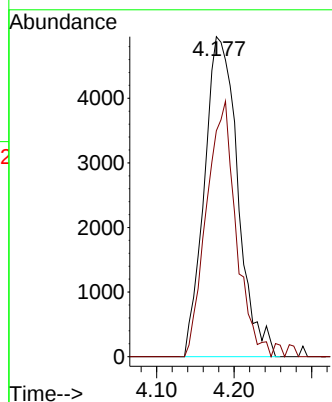
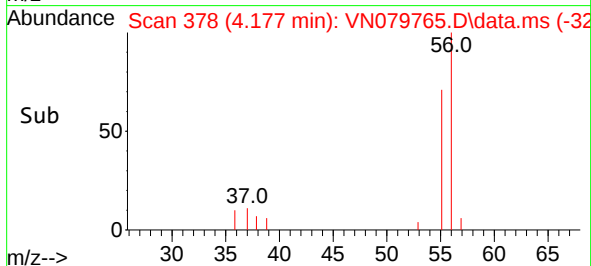
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



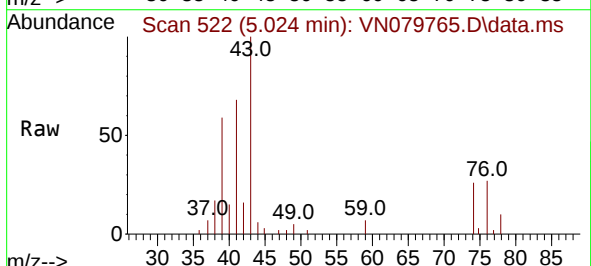
Tgt Ion: 56 Resp: 1484
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7

Manual Integrations
APPROVED

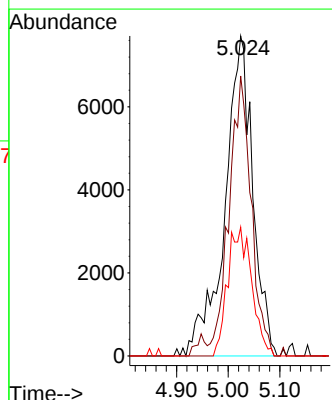
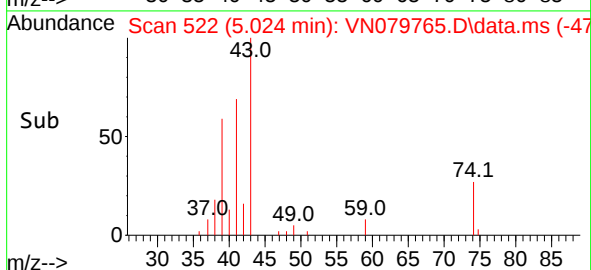
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

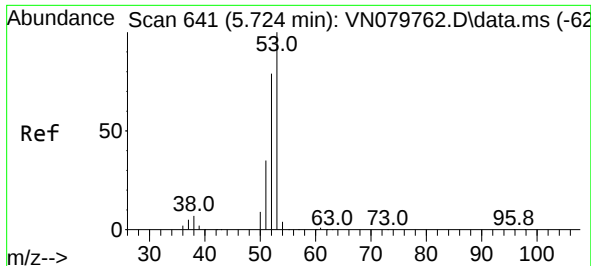


#14
Allyl chloride
Concen: 5.750 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38



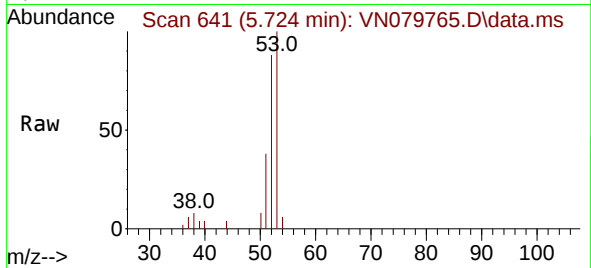
Tgt Ion: 41 Resp: 28964
Ion Ratio Lower Upper
41 100
39 69.2 58.8 88.2
76 16.3 39.1 58.7#





#15
Acrylonitrile
Concen: 25.397 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

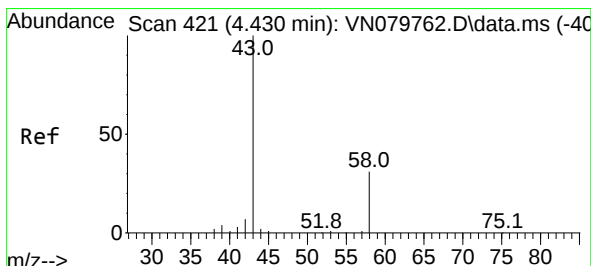
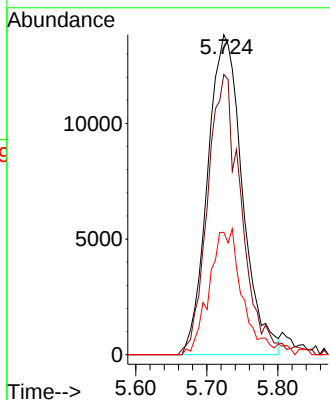
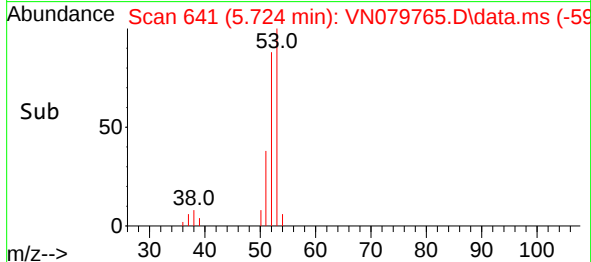
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



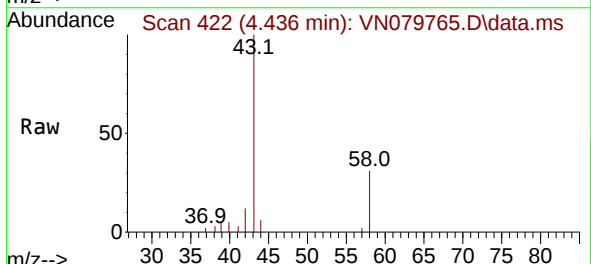
Tgt Ion: 53 Resp: 47028
Ion Ratio Lower Upper
53 100
52 84.5 65.3 97.9
51 36.9 28.9 43.3

Manual Integrations
APPROVED

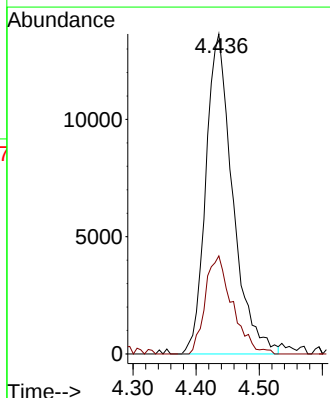
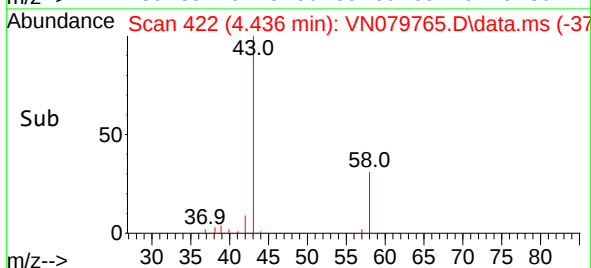
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

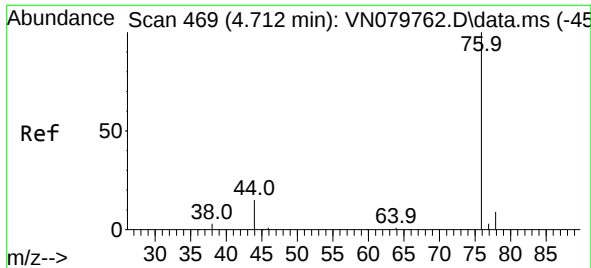


#16
Acetone
Concen: 24.664 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38



Tgt Ion: 43 Resp: 40327
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0





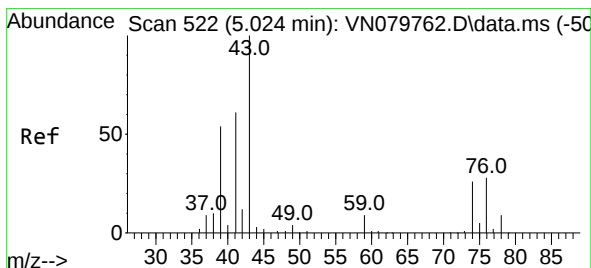
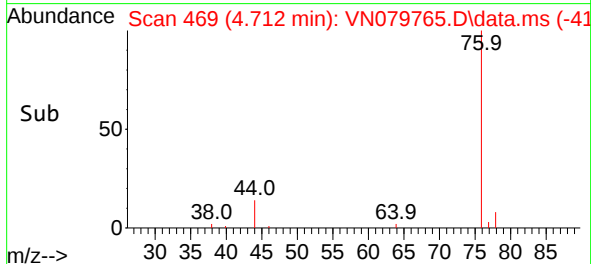
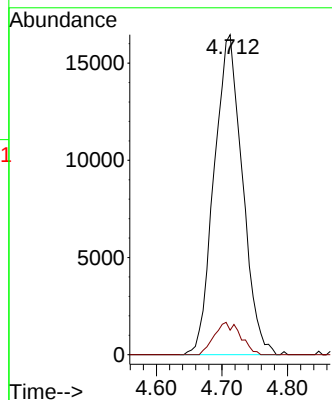
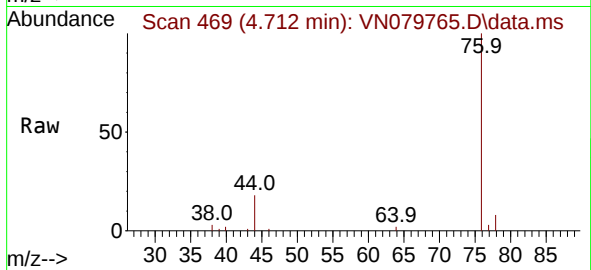
#17
Carbon Disulfide
Concen: 5.187 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 49204
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0

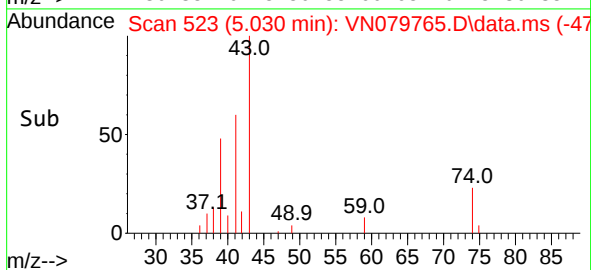
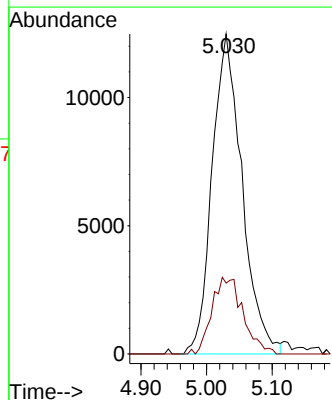
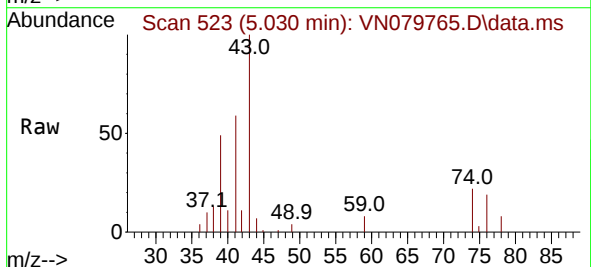
Manual Integrations
APPROVED

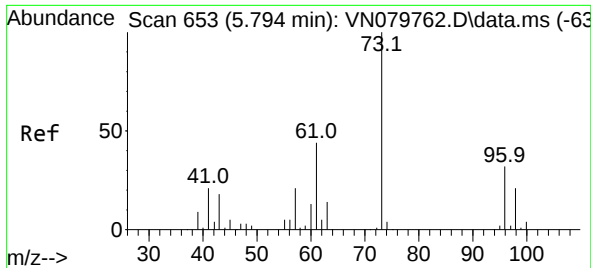
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#18
Methyl Acetate
Concen: 5.051 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion: 43 Resp: 39512
Ion Ratio Lower Upper
43 100
74 24.9 26.2 39.4#





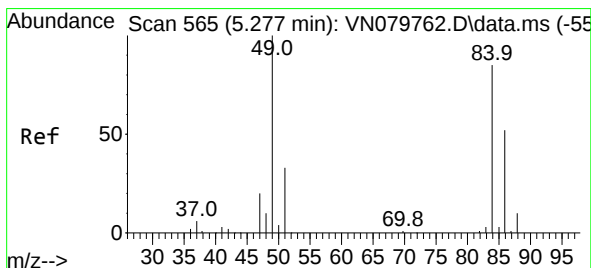
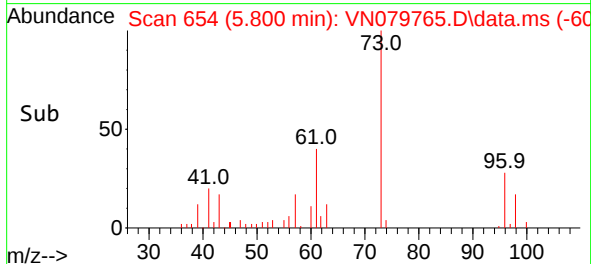
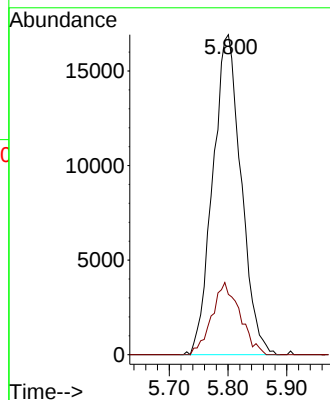
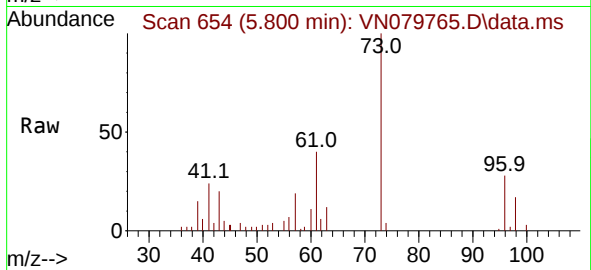
#19
Methyl tert-butyl Ether
Concen: 5.007 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 56690
Ion Ratio Lower Upper
73 100
57 18.9 15.6 23.4

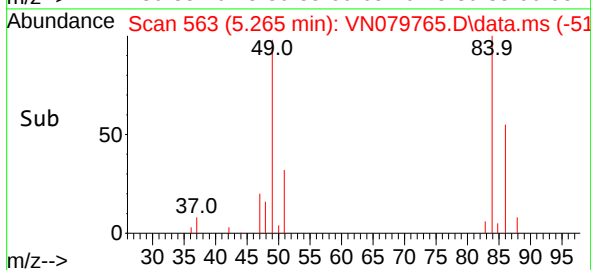
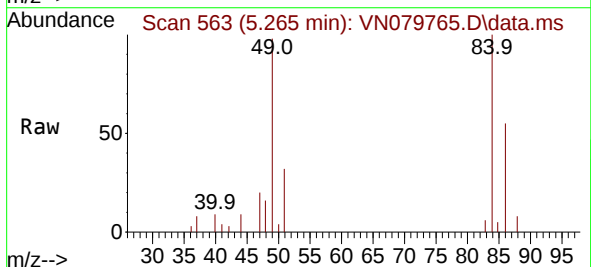
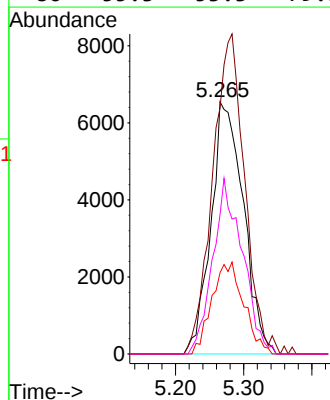
Manual Integrations
APPROVED

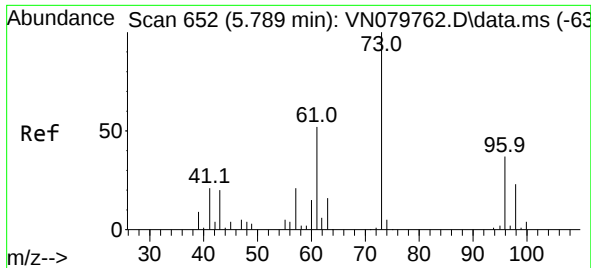
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#20
Methylene Chloride
Concen: 5.244 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion: 84 Resp: 21633
Ion Ratio Lower Upper
84 100
49 97.5 79.7 119.5
51 32.3 25.2 37.8
86 55.3 53.3 79.9





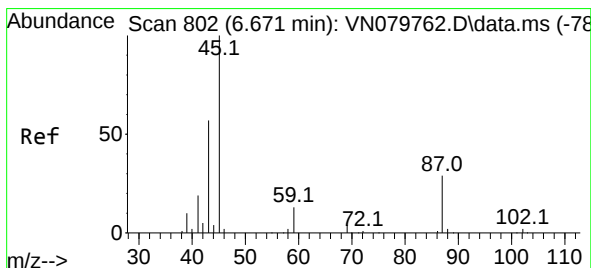
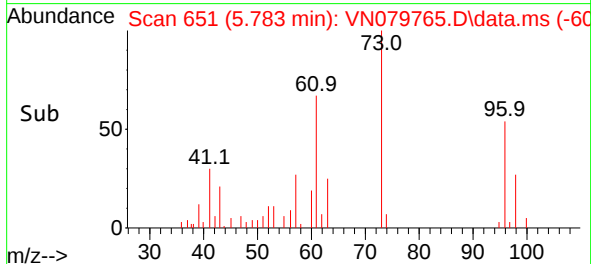
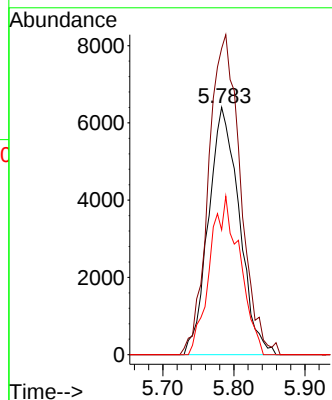
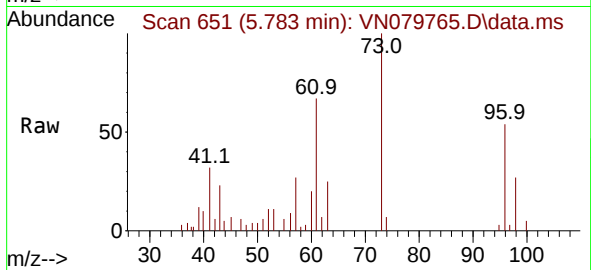
#21
trans-1,2-Dichloroethene
Concen: 5.246 ug/l
RT: 5.783 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 1924
Ion Ratio Lower Upper
96 100
61 123.8 90.1 135.1
98 50.4 46.4 69.6

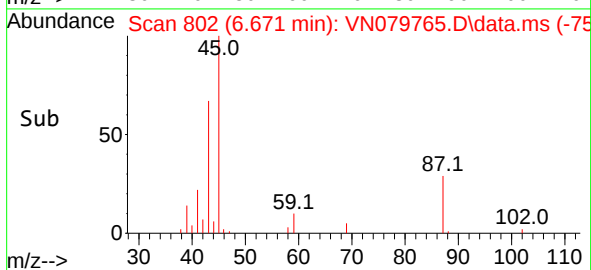
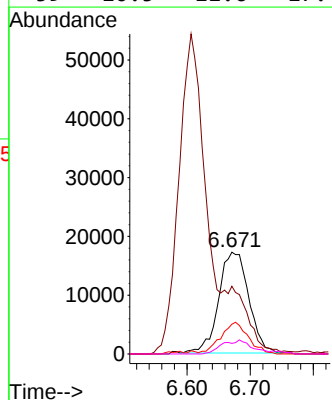
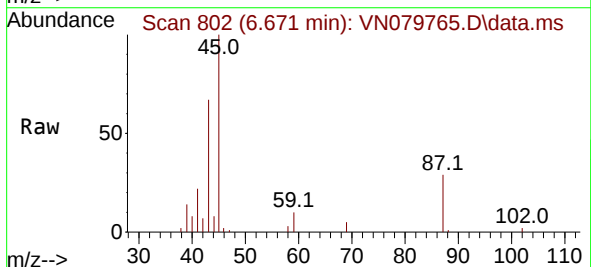
Manual Integrations
APPROVED

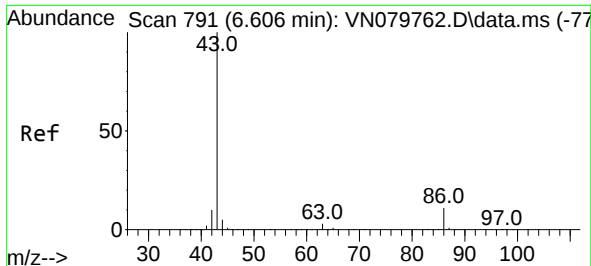
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#22
Diisopropyl ether
Concen: 4.859 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion: 45 Resp: 56717
Ion Ratio Lower Upper
45 100
43 64.8 45.5 68.3
87 29.5 31.8 47.8#
59 10.5 11.6 17.4#





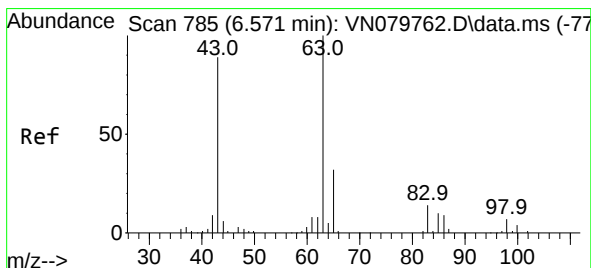
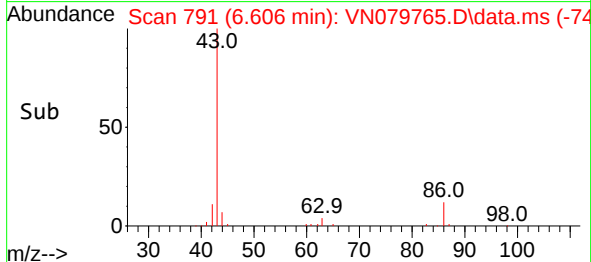
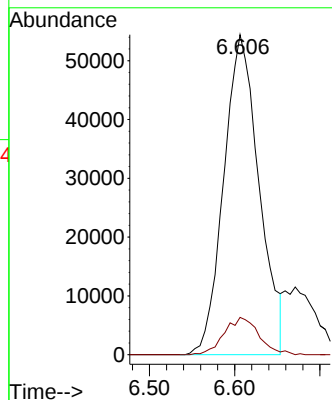
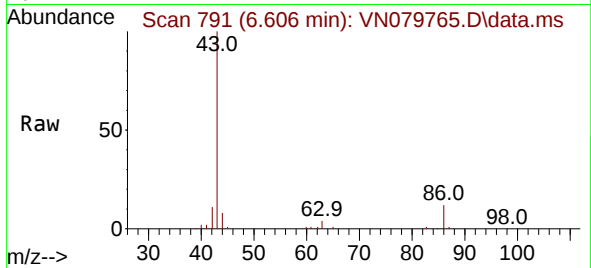
#23
 Vinyl Acetate
 Concen: 24.367 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079765.D
 Acq: 01 Nov 2023 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 15689
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

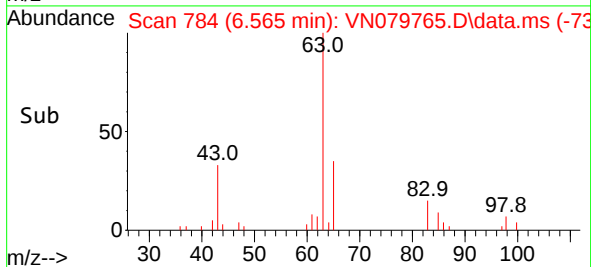
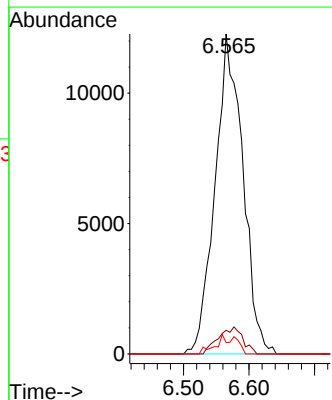
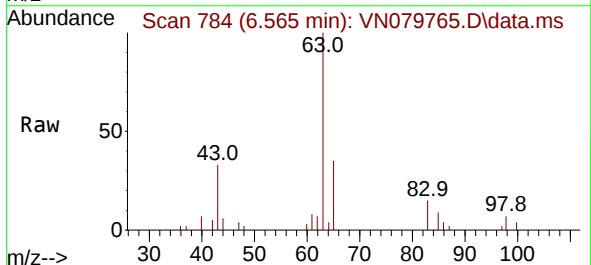
Manual Integrations
 APPROVED

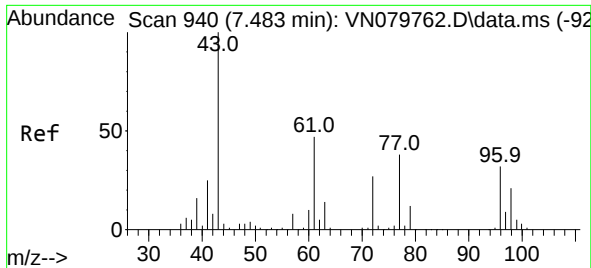
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#24
 1,1-Dichloroethane
 Concen: 5.074 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079765.D
 Acq: 01 Nov 2023 11:38

Tgt Ion: 63 Resp: 36002
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 3.6 2.5 7.4





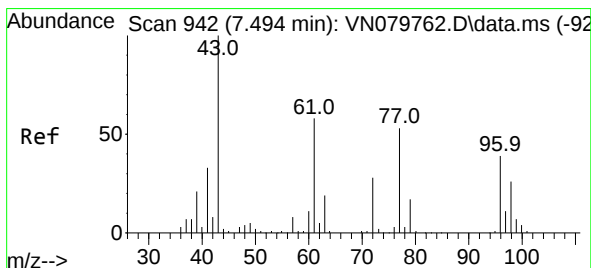
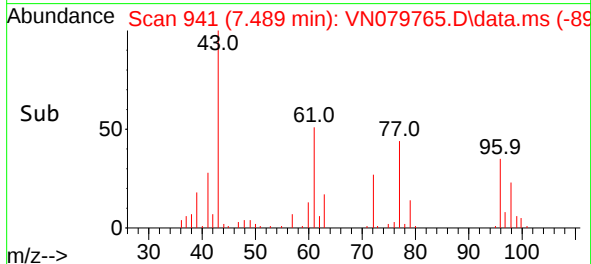
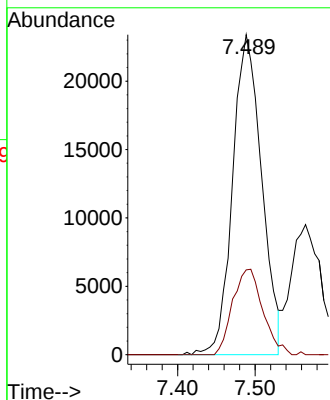
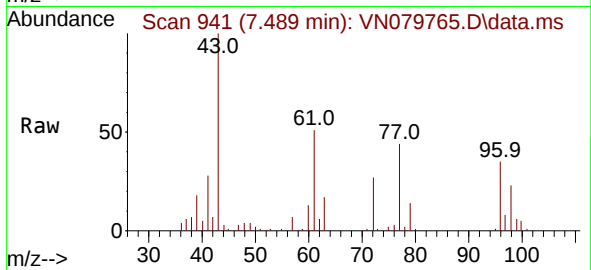
#25
2-Butanone
Concen: 25.458 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 60954
Ion Ratio Lower Upper
43 100
72 26.5 30.2 45.2

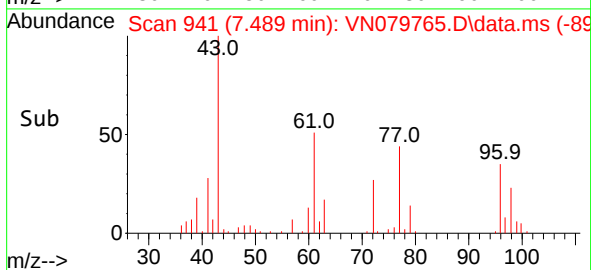
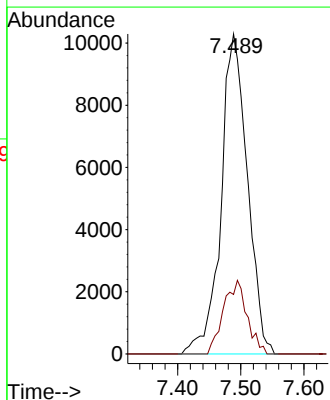
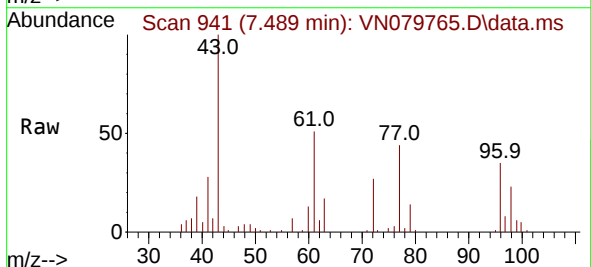
Manual Integrations
APPROVED

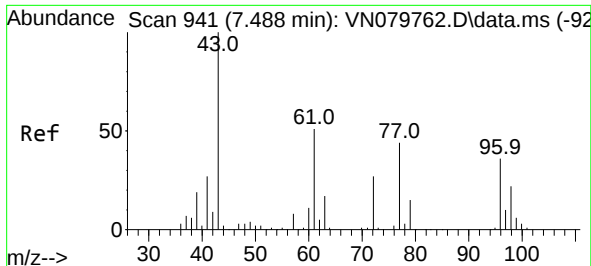
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#26
2,2-Dichloropropane
Concen: 5.086 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

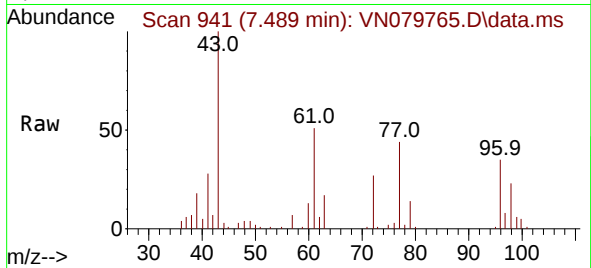
Tgt Ion: 77 Resp: 29840
Ion Ratio Lower Upper
77 100
97 20.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 4.916 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079765.D
 Acq: 01 Nov 2023 11:38

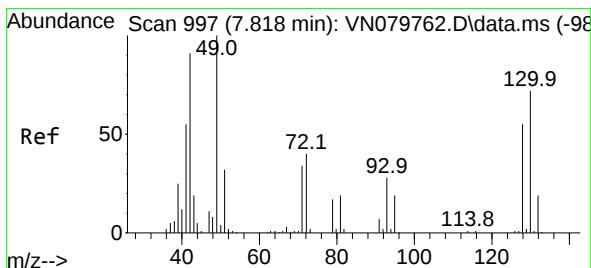
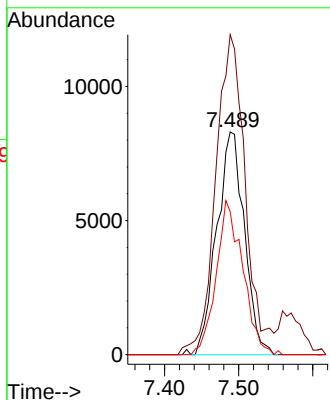
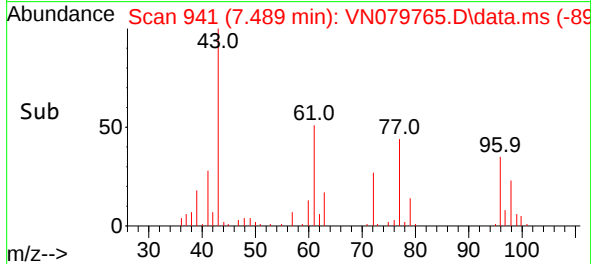
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 21570
 Ion Ratio Lower Upper
 96 100
 61 153.0 0.0 255.2
 98 66.4 0.0 128.8

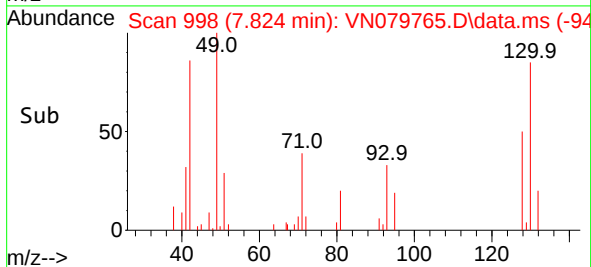
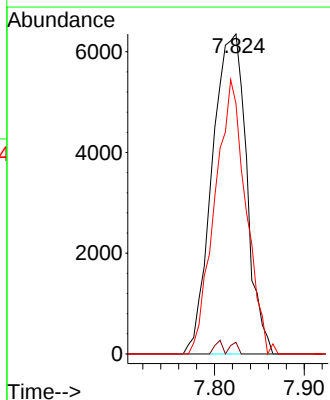
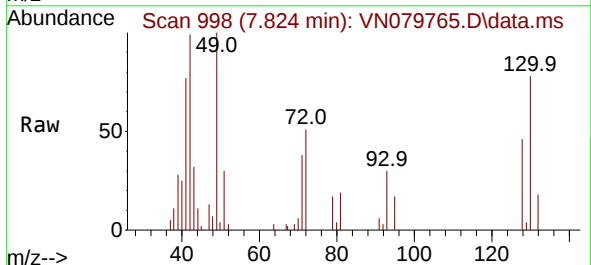
Manual Integrations
 APPROVED

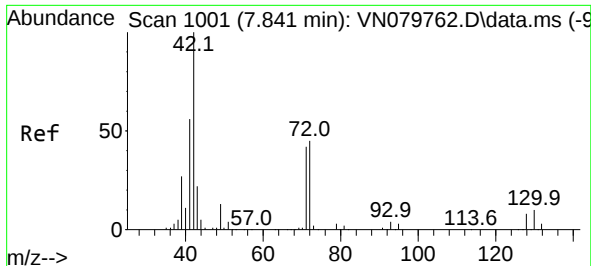
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#28
 Bromochloromethane
 Concen: 4.882 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.012 min
 Lab File: VN079765.D
 Acq: 01 Nov 2023 11:38

Tgt Ion: 49 Resp: 16881
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.8
 130 77.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 24.772 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 3858

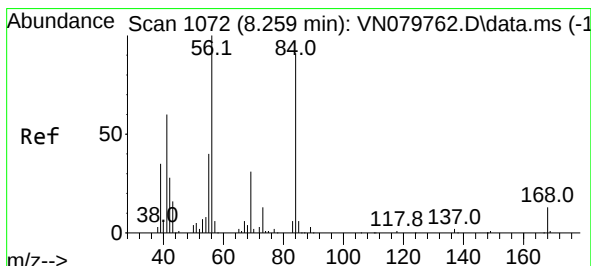
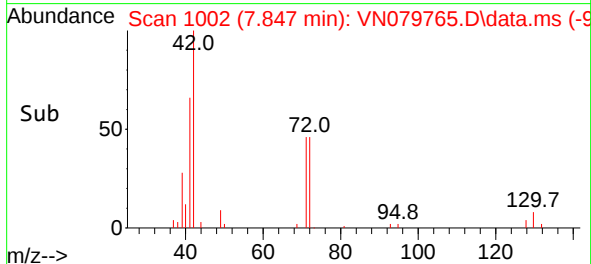
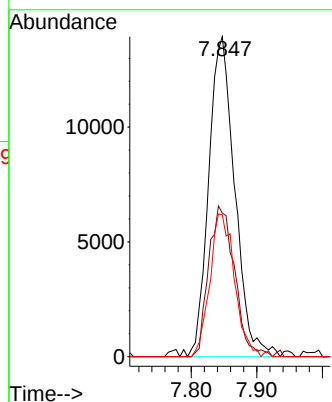
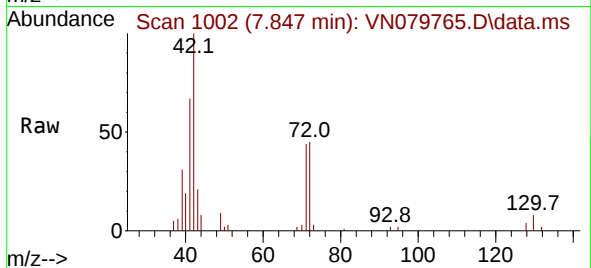
Ion	Ratio	Lower	Upper
42	100		
72	46.7	49.8	74.6
71	42.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#31

Cyclohexane

Concen: 5.811 ug/l

RT: 8.259 min Scan# 1072

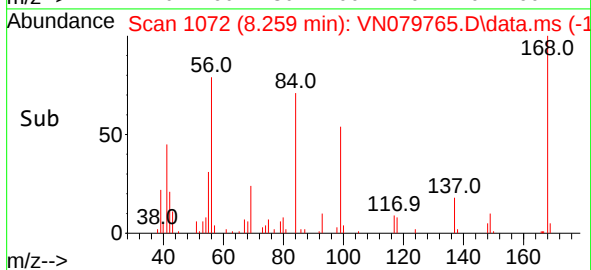
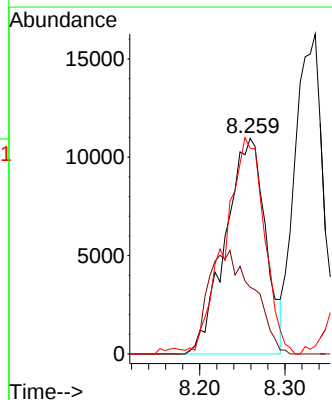
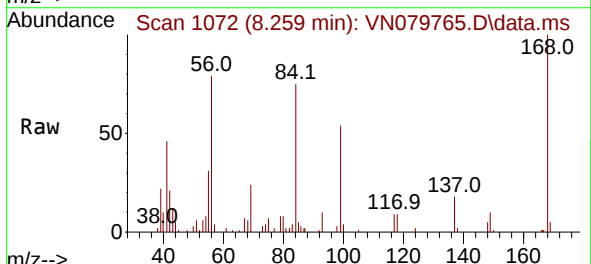
Delta R.T. 0.000 min

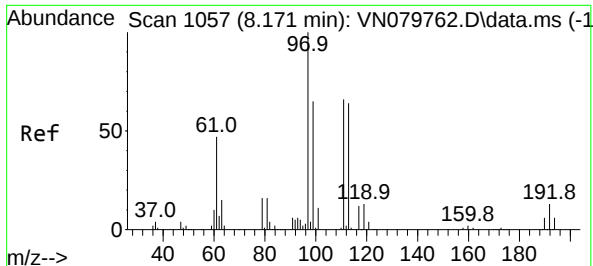
Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

Tgt Ion: 56 Resp: 35743

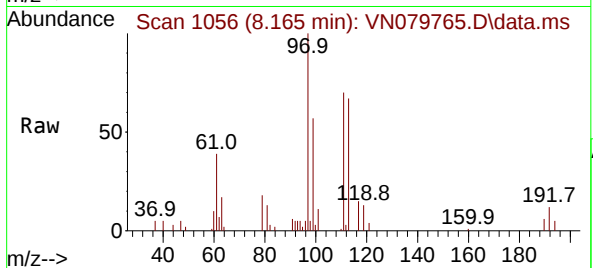
Ion	Ratio	Lower	Upper
56	100		
69	30.9	26.8	40.2
84	93.3	81.8	122.6





#32
1,1,1-Trichloroethane
Concen: 5.080 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

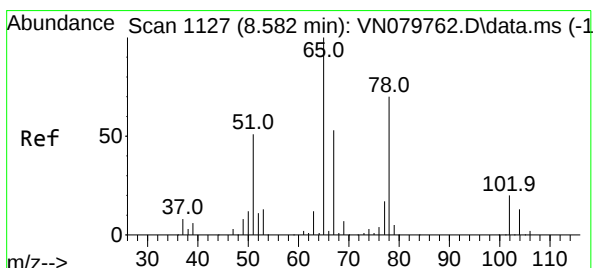
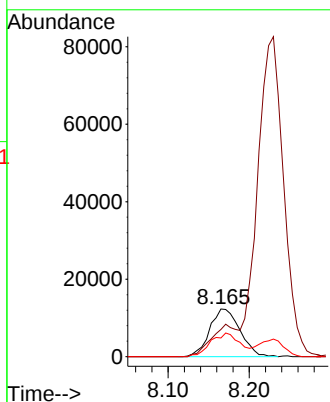
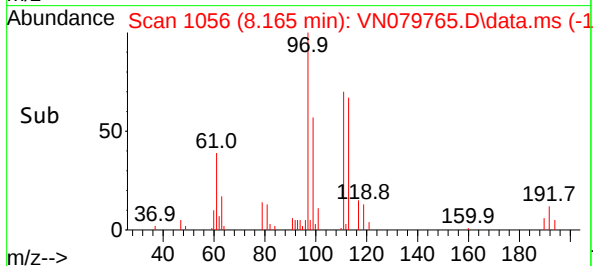
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 97 Resp: 3190
Ion Ratio Lower Upper
97 100
99 60.2 50.3 75.5
61 48.0 34.7 52.1

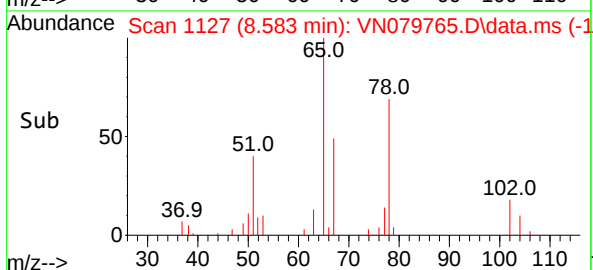
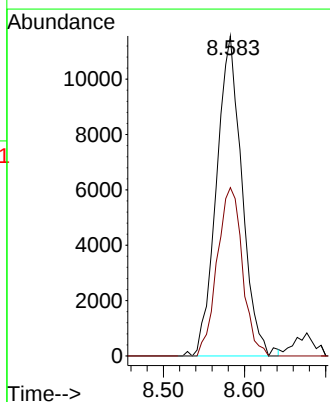
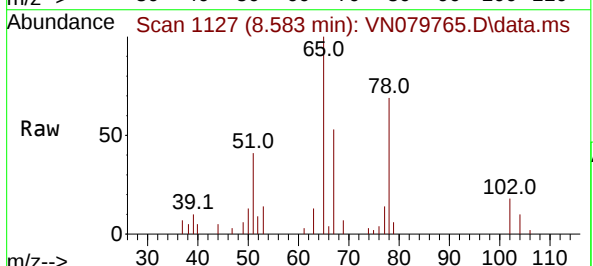
Manual Integrations
APPROVED

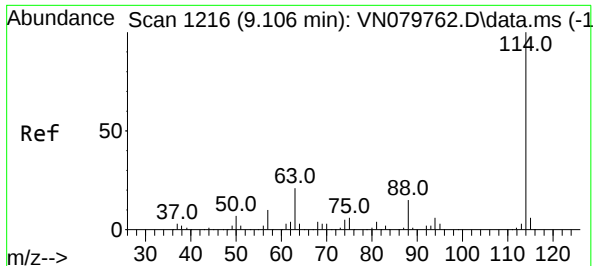
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#33
1,2-Dichloroethane-d4
Concen: 5.425 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion: 65 Resp: 25252
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6





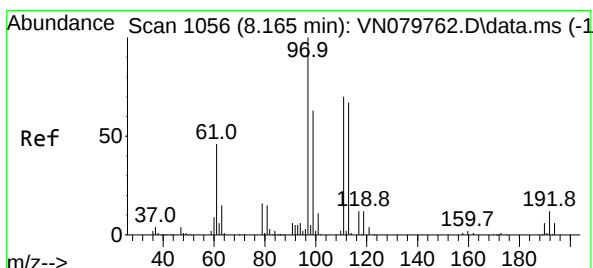
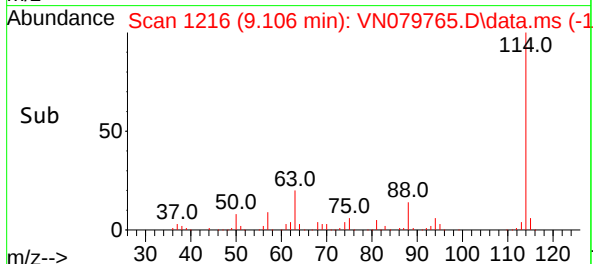
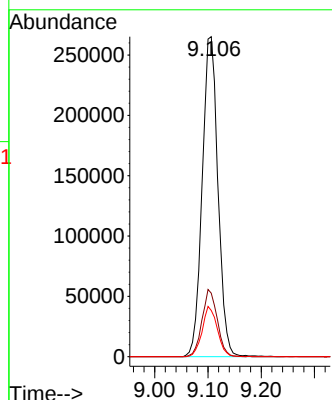
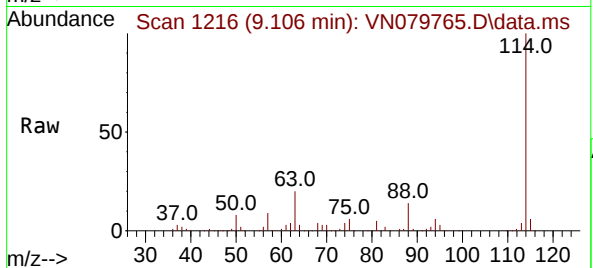
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:114 Resp: 544074
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 14.5 0.0 30.6

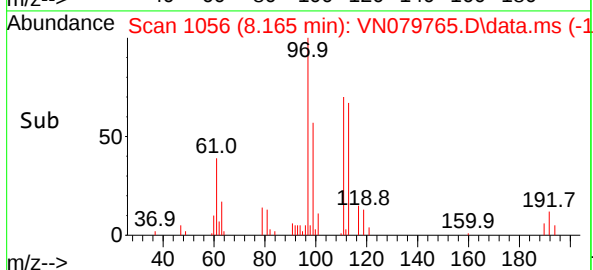
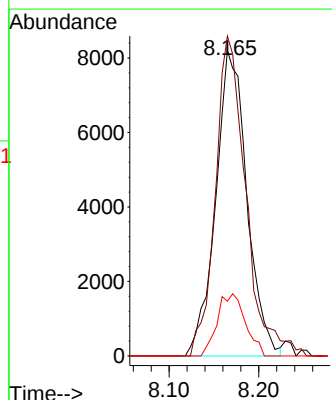
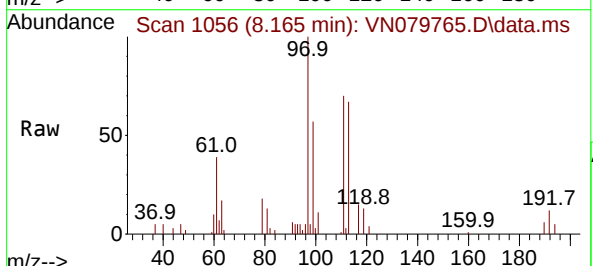
Manual Integrations
APPROVED

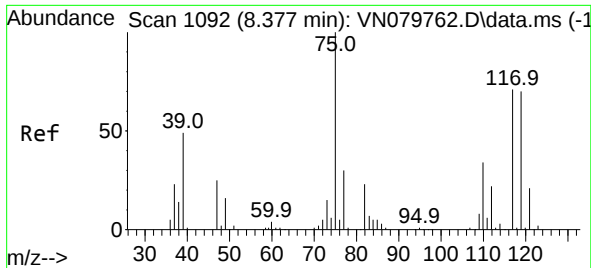
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#35
Dibromofluoromethane
Concen: 5.155 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion:113 Resp: 19851
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 18.3 12.7 19.1





#36
1,1-Dichloropropene
Concen: 4.943 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

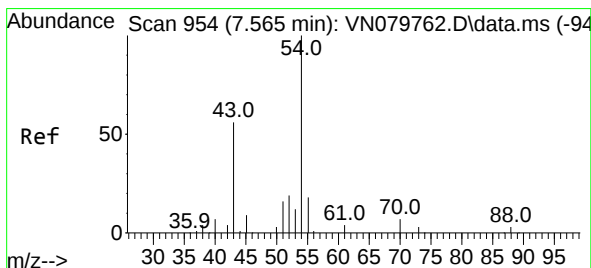
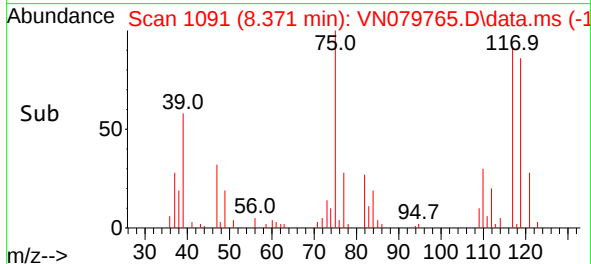
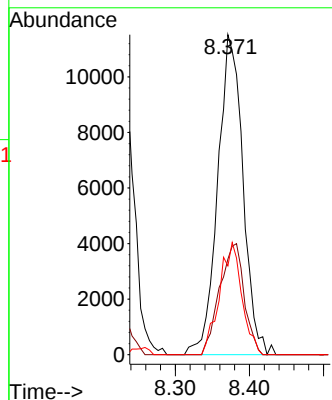
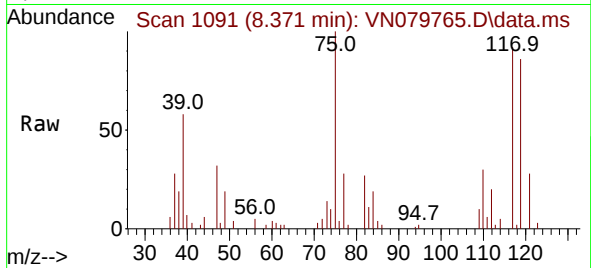
VSTDICC005

Tgt Ion: 75 Resp: 2717
Ion Ratio Lower Upper
75 100
110 33.9 19.1 57.3
77 31.3 25.0 37.4

Manual Integrations

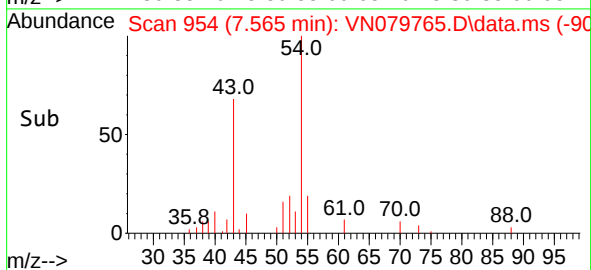
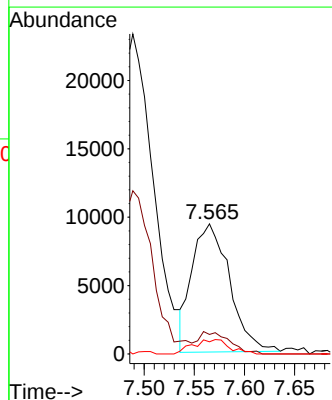
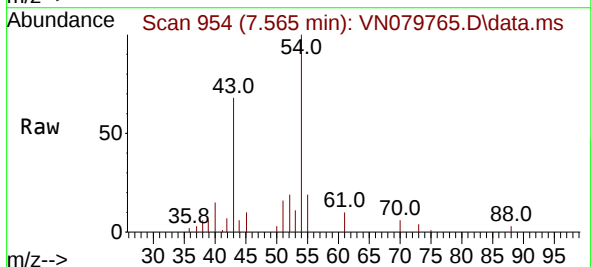
APPROVED

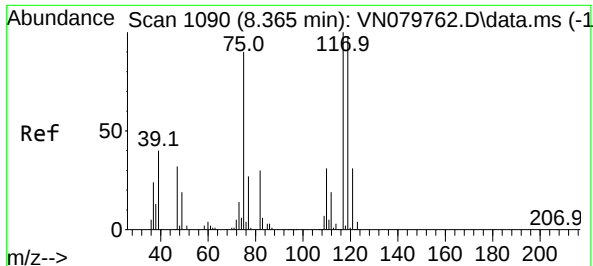
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#37
Ethyl Acetate
Concen: 4.859 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

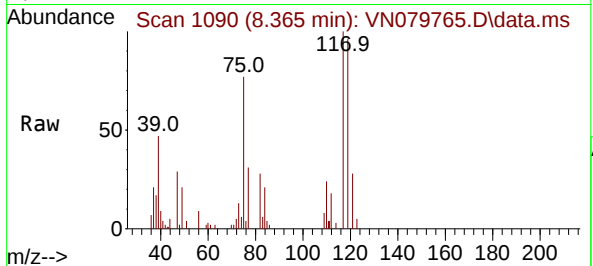
Tgt Ion: 43 Resp: 24504
Ion Ratio Lower Upper
43 100
61 14.1 13.2 19.8
70 10.9 11.3 16.9#





#38
Carbon Tetrachloride
Concen: 5.007 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

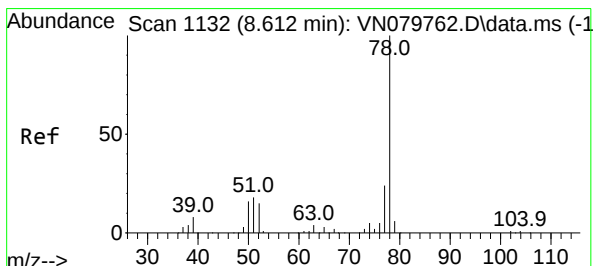
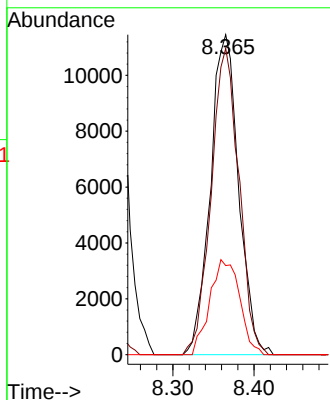
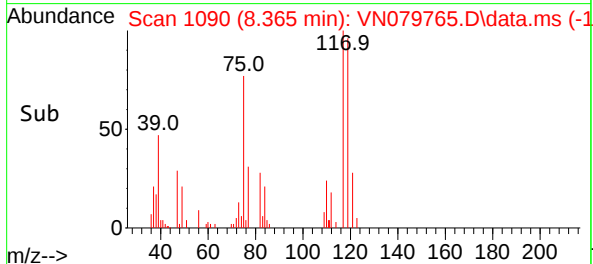
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 117 Resp: 2774
Ion Ratio Lower Upper
117 100
119 95.7 77.3 115.9
121 27.8 23.3 34.9

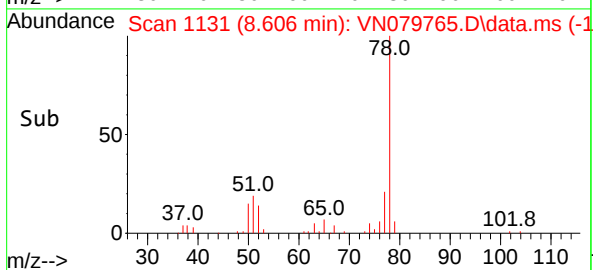
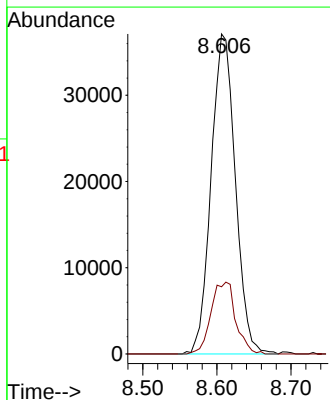
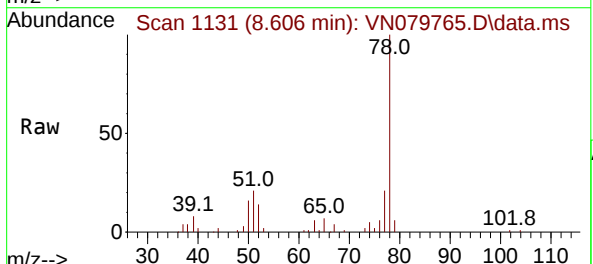
Manual Integrations
APPROVED

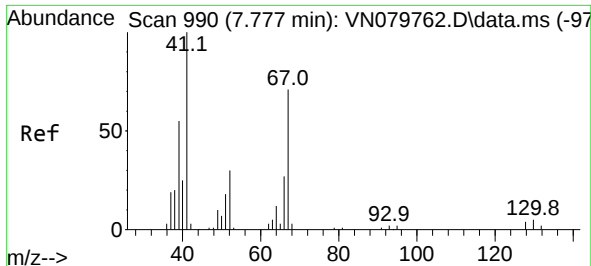
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#40
Benzene
Concen: 5.116 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

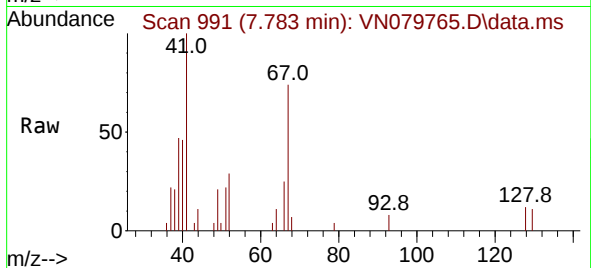
Tgt Ion: 78 Resp: 84251
Ion Ratio Lower Upper
78 100
77 21.0 19.0 28.6





#41
Methacrylonitrile
Concen: 5.080 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

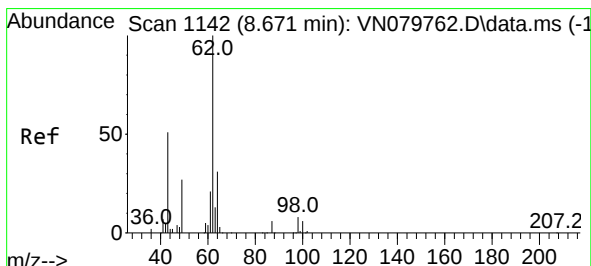
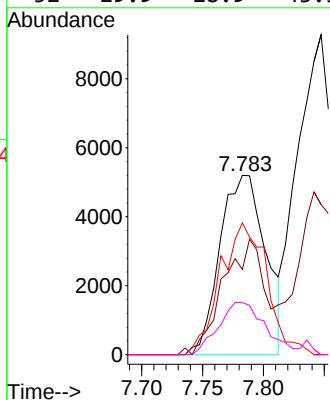
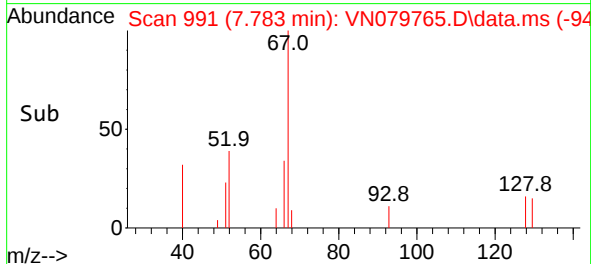
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:	41	Resp:	1360
Ion Ratio	100	Lower	Upper
41	100		
39	60.3	42.6	64.0
67	74.7	77.5	116.3
52	29.9	28.9	43.3

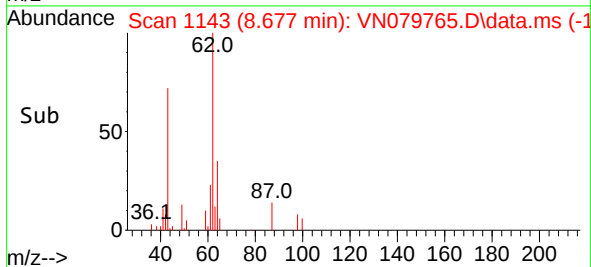
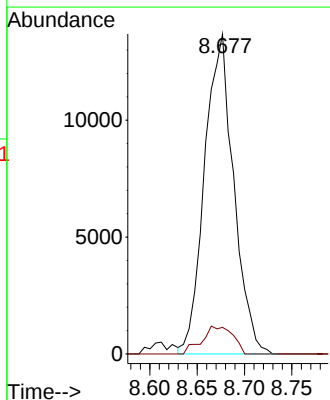
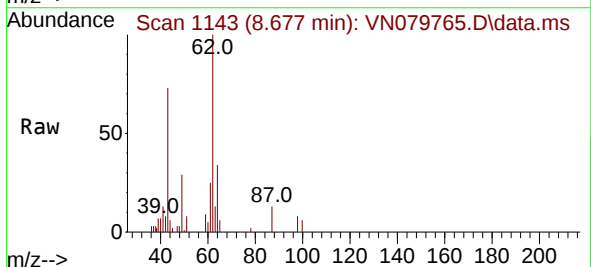
Manual Integrations
APPROVED

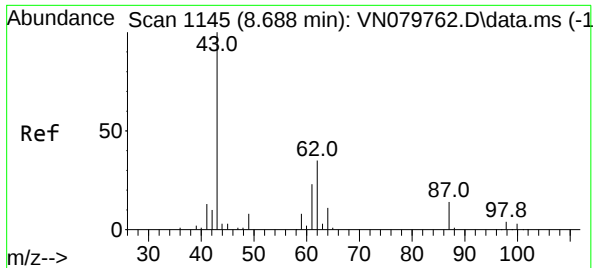
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#42
1,2-Dichloroethane
Concen: 5.089 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion:	62	Resp:	29272
Ion Ratio	100	Lower	Upper
62	100		
98	9.2	0.0	19.8





#43

Isopropyl Acetate

Concen: 5.093 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

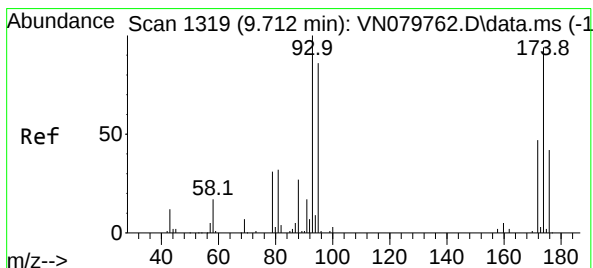
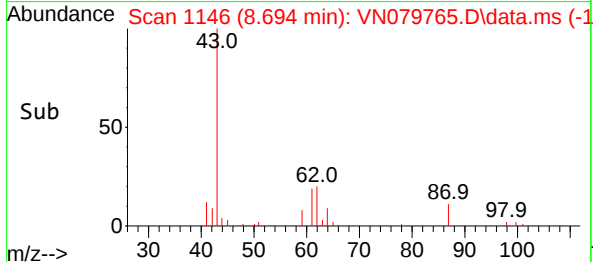
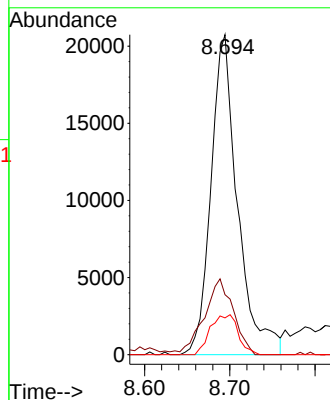
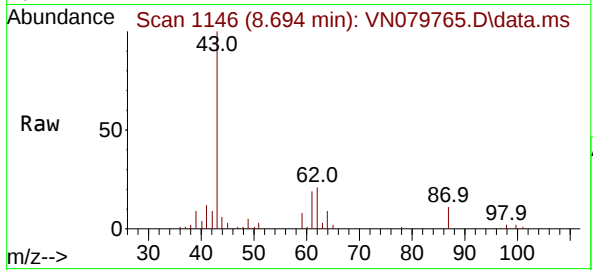
Tgt Ion:	43	Resp:	45040
Ion	Ratio	Lower	Upper
43	100		
61	26.0	24.7	37.1
87	13.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#46

Dibromomethane

Concen: 5.088 ug/l

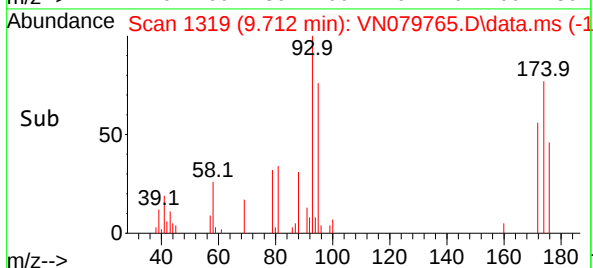
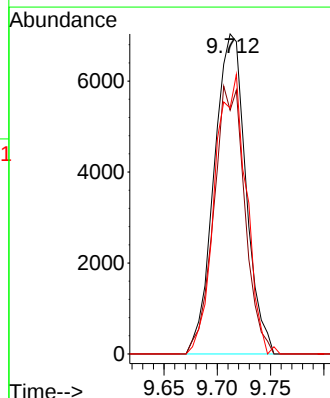
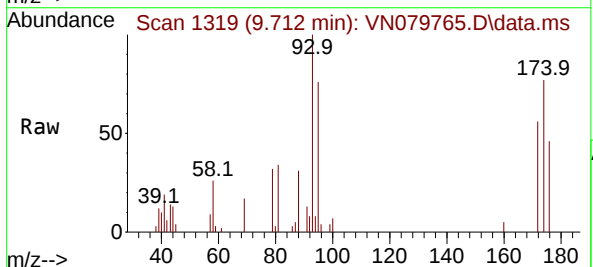
RT: 9.712 min Scan# 1319

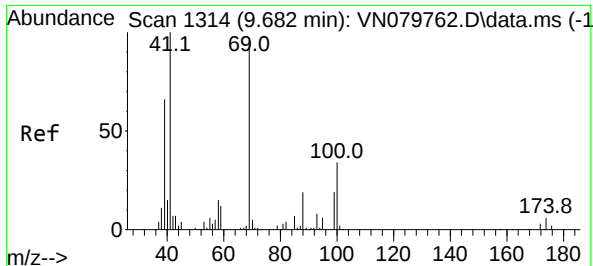
Delta R.T. 0.000 min

Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

Tgt Ion:	93	Resp:	14620
Ion	Ratio	Lower	Upper
93	100		
95	81.3	63.8	95.8
174	85.7	65.6	98.4





#48

Methyl methacrylate

Concen: 4.629 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

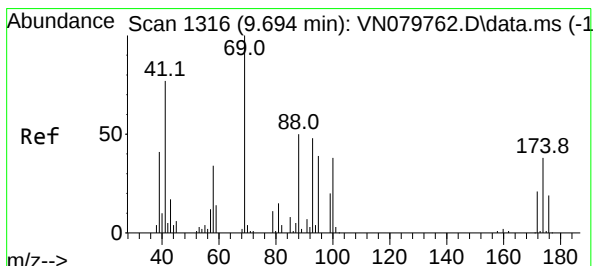
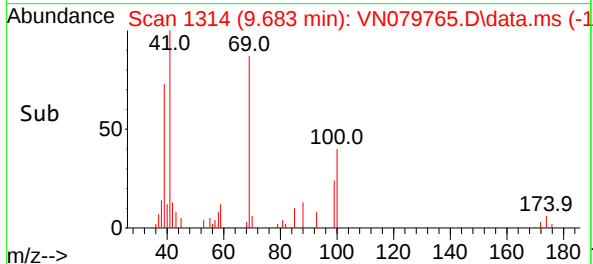
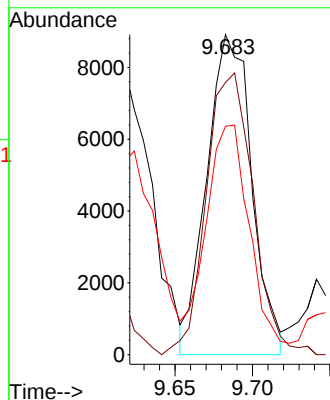
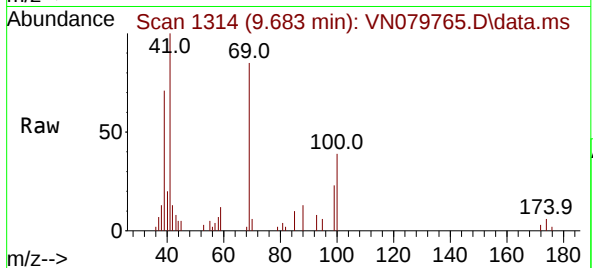
Tgt Ion: 41	Resp: 1793
Ion Ratio	Lower Upper
41	100
69	92.2 90.4 135.6
39	70.9 54.6 81.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#49

1,4-Dioxane

Concen: 100.465 ug/l

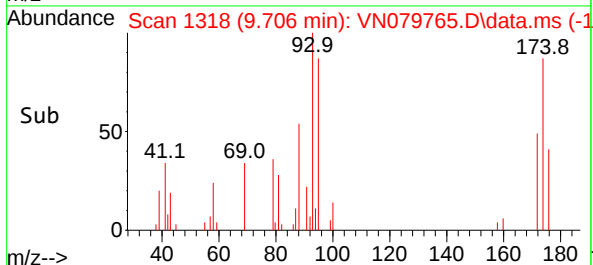
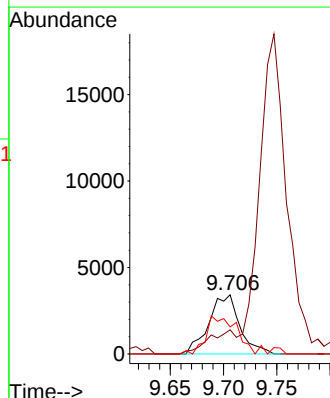
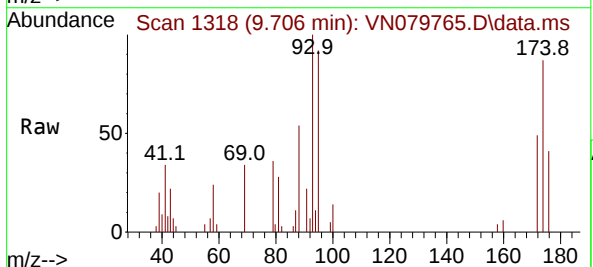
RT: 9.706 min Scan# 1318

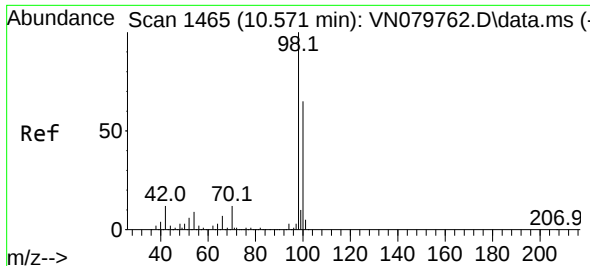
Delta R.T. 0.012 min

Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

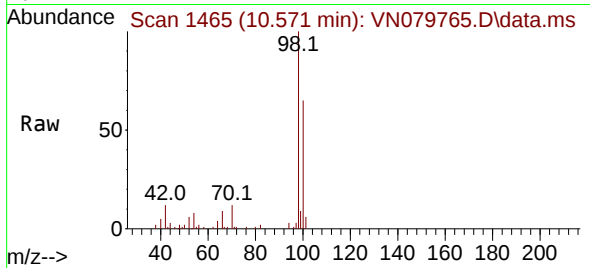
Tgt Ion: 88	Resp: 6876
Ion Ratio	Lower Upper
88	100
43	0.0 17.0 25.6#
58	62.5 47.0 70.4





#50
Toluene-d8
Concen: 4.881 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

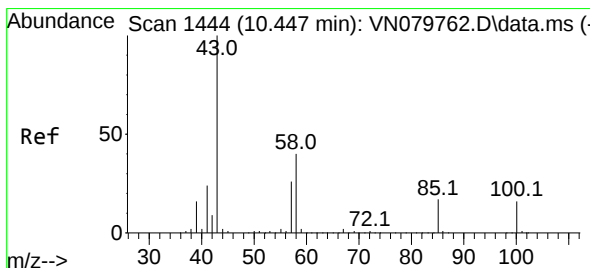
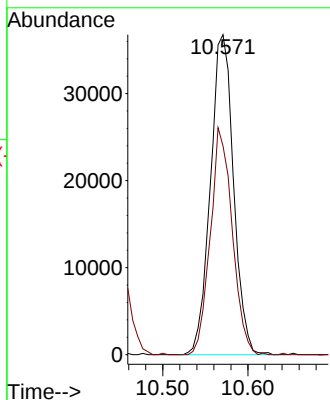
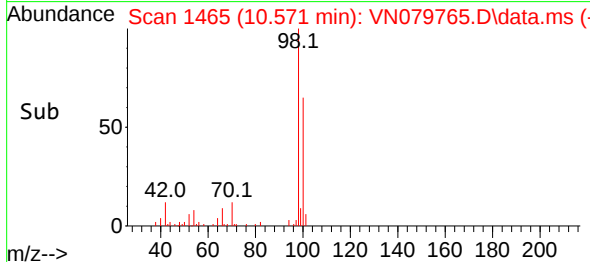
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



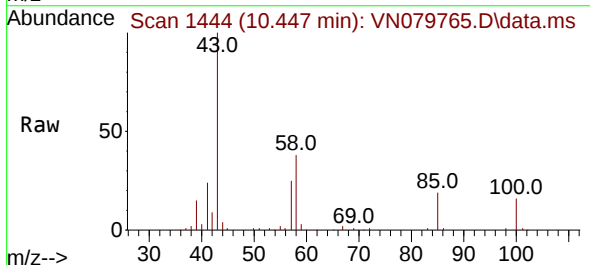
Tgt Ion: 98 Resp: 6919
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0

Manual Integrations
APPROVED

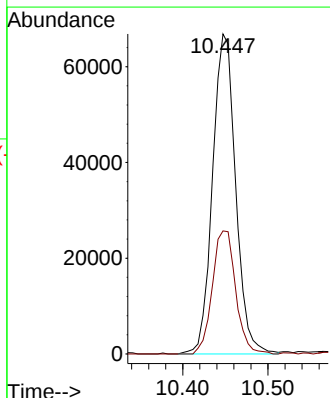
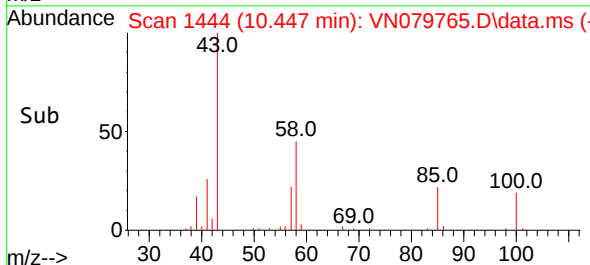
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

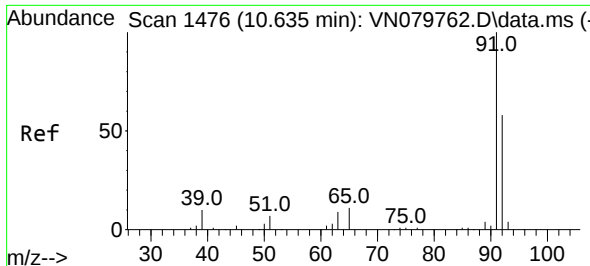


#51
4-Methyl-2-Pentanone
Concen: 25.301 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38



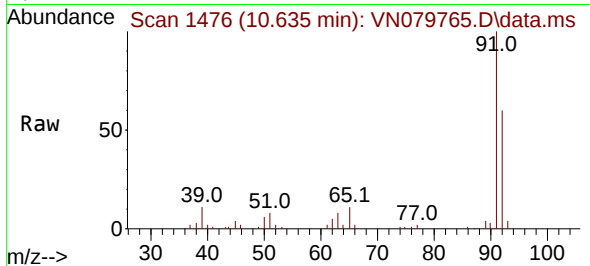
Tgt Ion: 43 Resp: 125962
Ion Ratio Lower Upper
43 100
58 38.8 36.6 54.8





#52
Toluene
Concen: 5.029 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

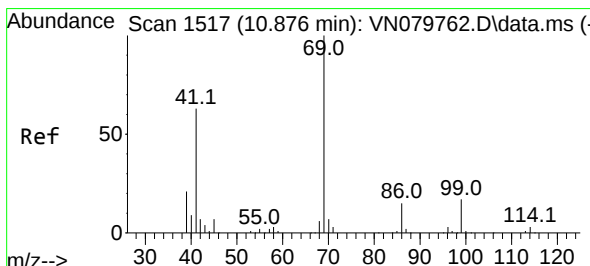
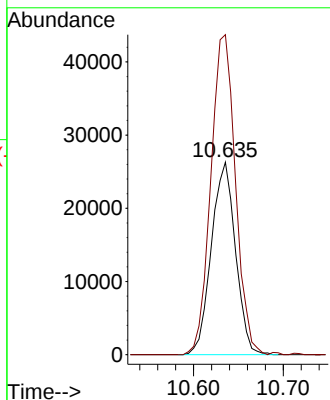
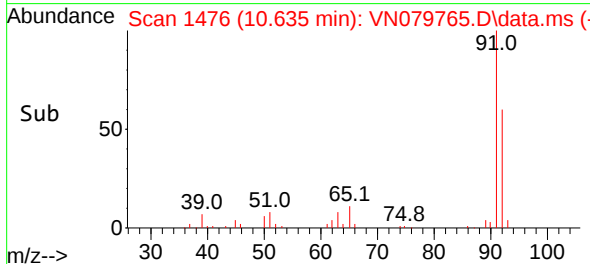
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



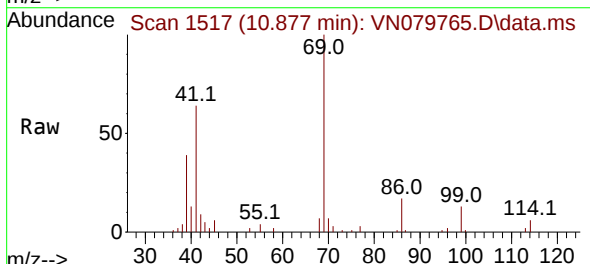
Tgt Ion: 92 Resp: 4909
Ion Ratio Lower Upper
92 100
91 169.5 137.4 206.0

Manual Integrations
APPROVED

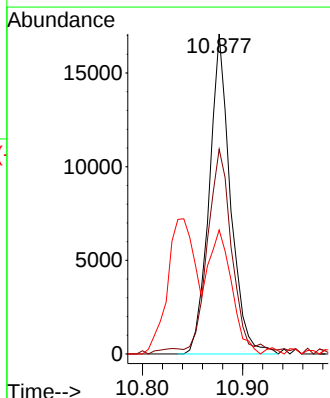
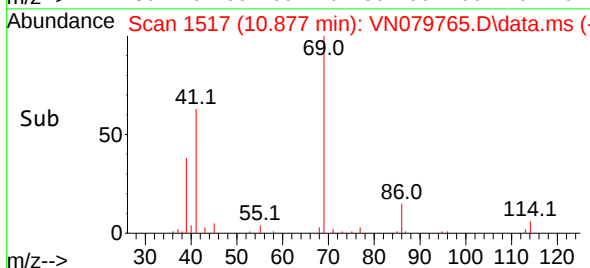
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

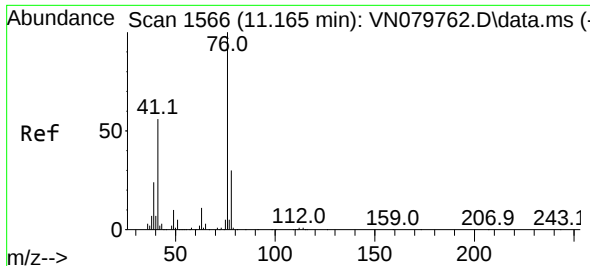


#56
Ethyl methacrylate
Concen: 4.497 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38



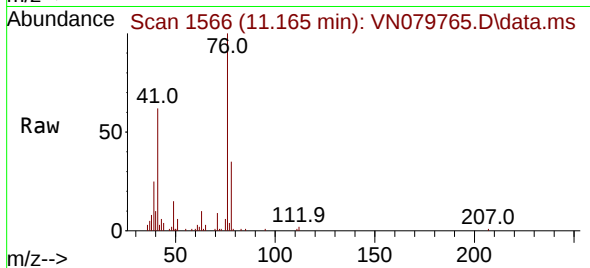
Tgt Ion: 69 Resp: 25190
Ion Ratio Lower Upper
69 100
41 75.6 39.6 59.4#
39 42.4 28.6 43.0





#57
1,3-Dichloropropane
Concen: 5.061 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

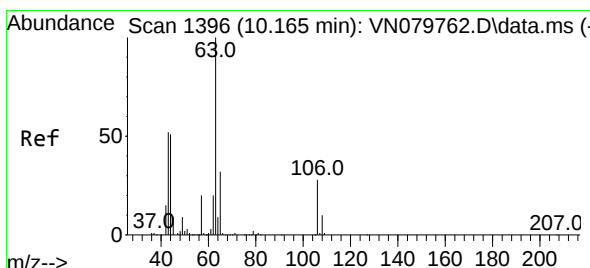
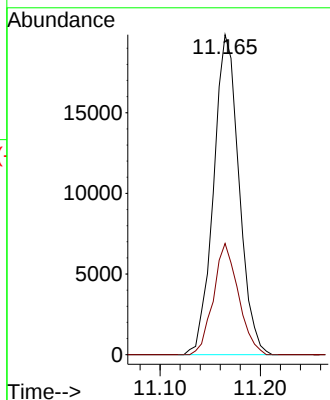
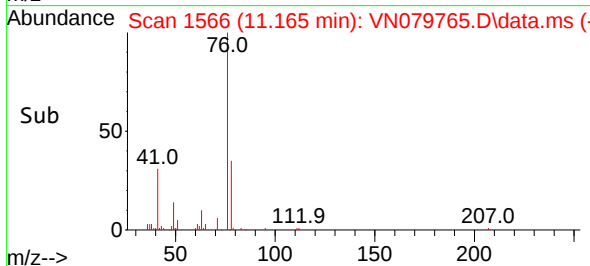
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



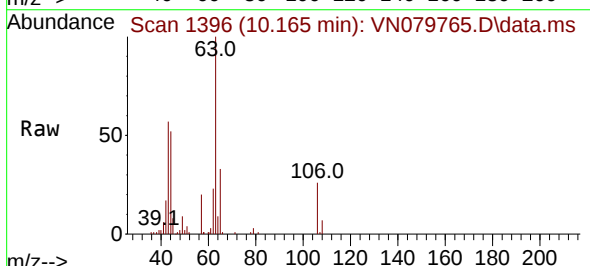
Tgt Ion: 76 Resp: 35028
Ion Ratio Lower Upper
76 100
78 34.1 26.1 39.1

Manual Integrations
APPROVED

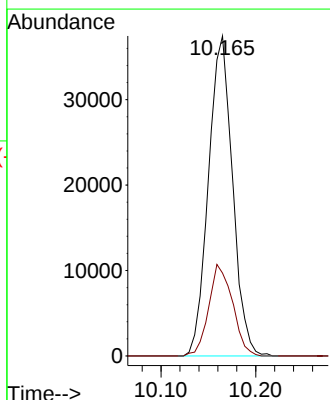
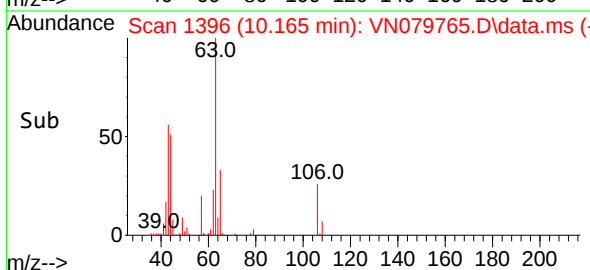
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

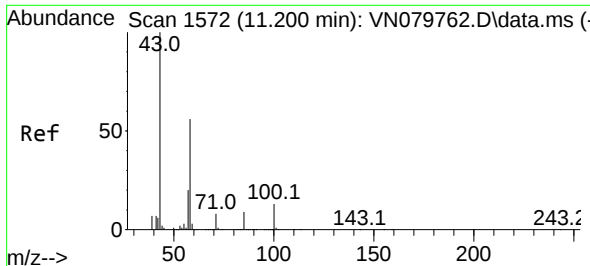


#58
2-Chloroethyl Vinyl ether
Concen: 23.313 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38



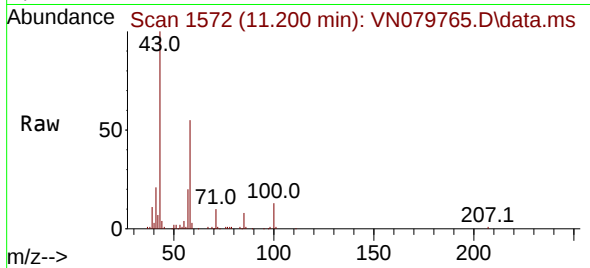
Tgt Ion: 63 Resp: 66182
Ion Ratio Lower Upper
63 100
106 28.3 26.2 39.4





#59
2-Hexanone
Concen: 23.536 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

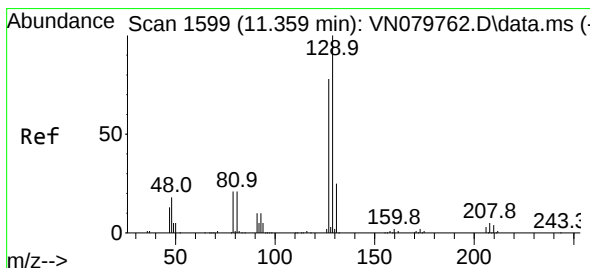
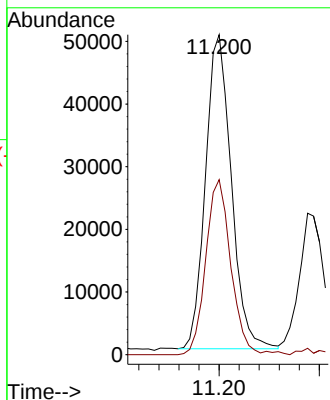
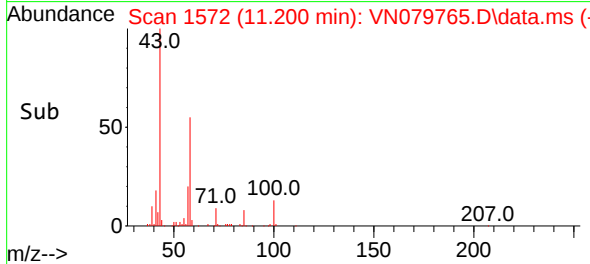
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



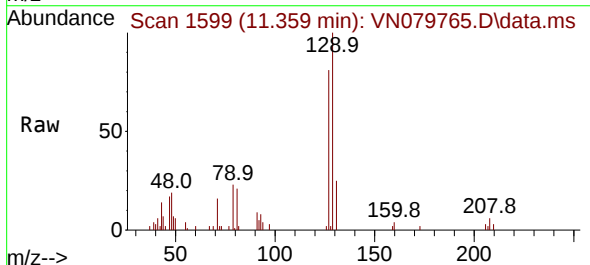
Tgt Ion: 43 Resp: 89640
Ion Ratio Lower Upper
43 100
58 54.2 31.7 95.1

Manual Integrations
APPROVED

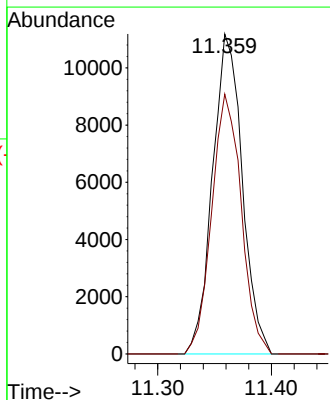
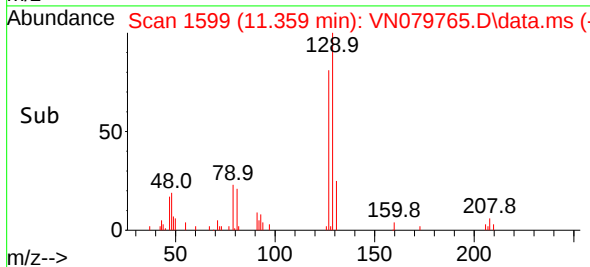
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

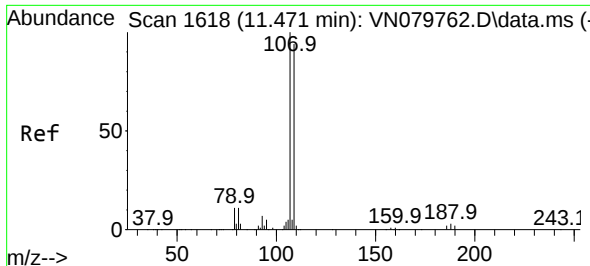


#60
Dibromochloromethane
Concen: 4.832 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38



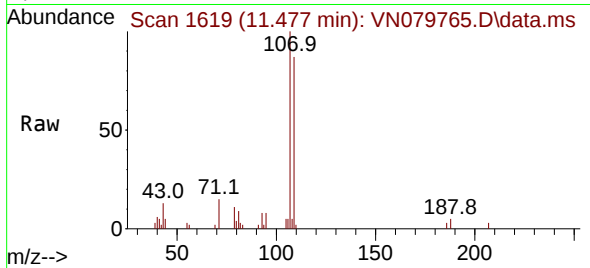
Tgt Ion:129 Resp: 20312
Ion Ratio Lower Upper
129 100
127 80.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 4.945 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

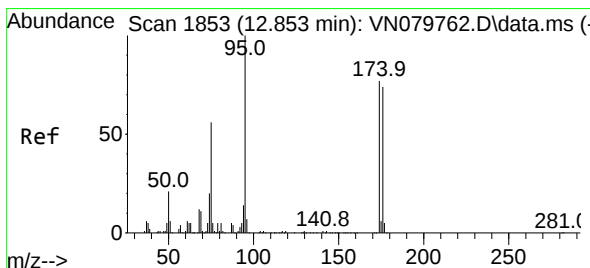
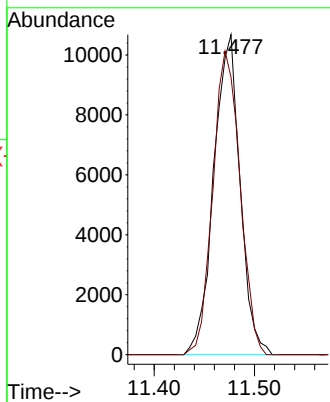
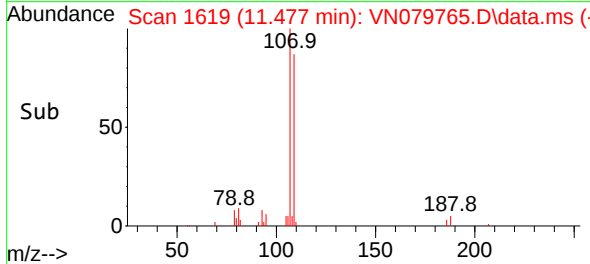
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



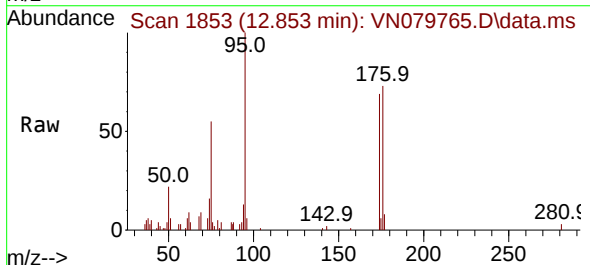
Tgt Ion:107 Resp: 1949
Ion Ratio Lower Upper
107 100
109 97.9 76.6 114.8

Manual Integrations
APPROVED

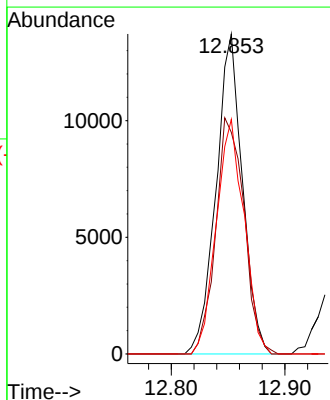
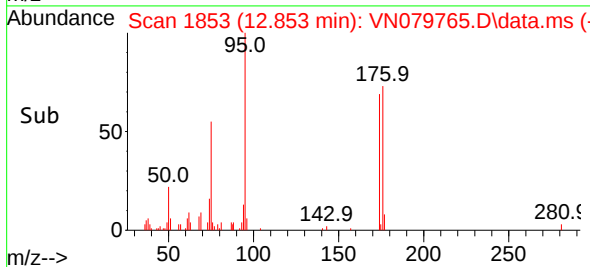
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

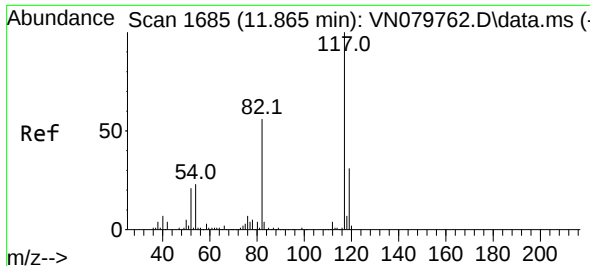


#62
4-Bromofluorobenzene
Concen: 4.704 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38



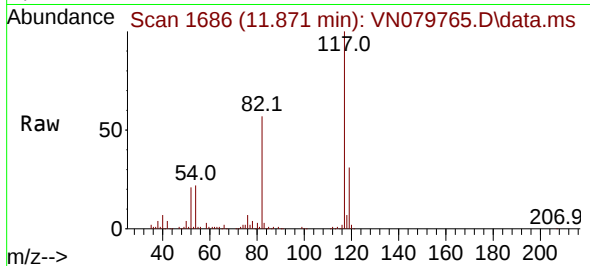
Tgt Ion: 95 Resp: 22115
Ion Ratio Lower Upper
95 100
174 79.2 0.0 143.8
176 77.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

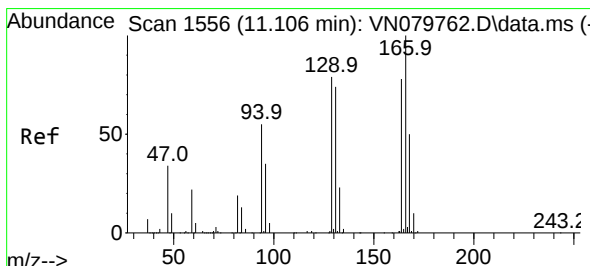
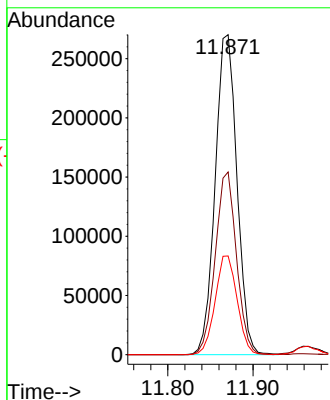
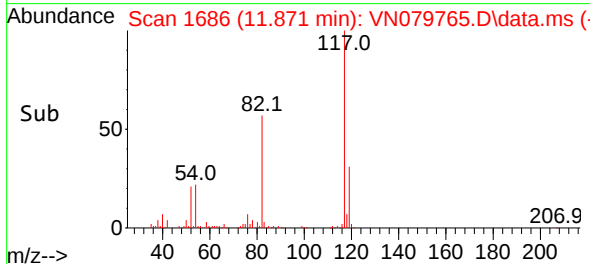
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 48027
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 30.9 25.6 38.4

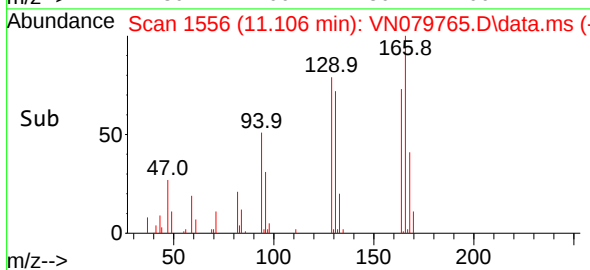
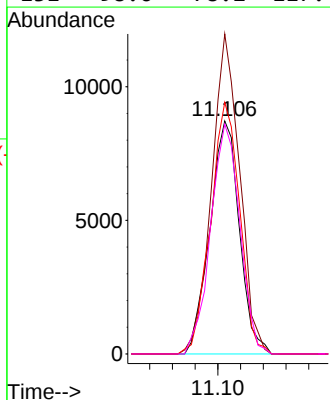
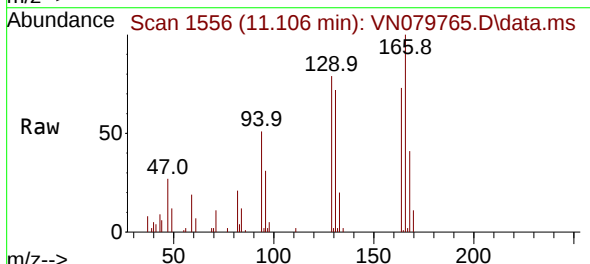
Manual Integrations
APPROVED

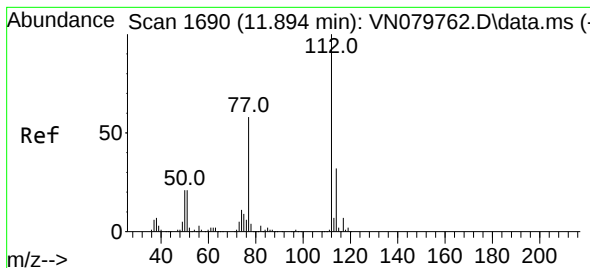
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#64
Tetrachloroethene
Concen: 5.054 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion:164 Resp: 15721
Ion Ratio Lower Upper
164 100
166 137.4 101.4 152.0
129 107.9 82.4 123.6
131 98.6 78.2 117.4





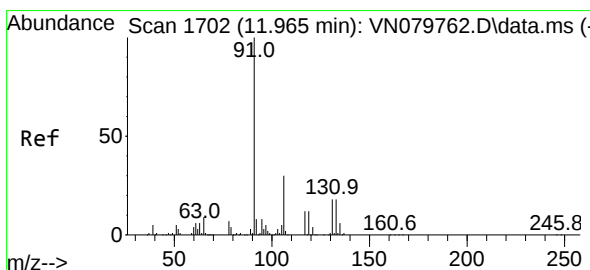
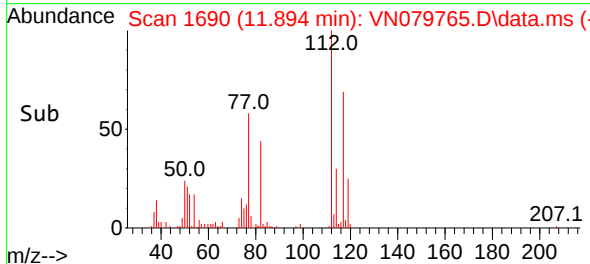
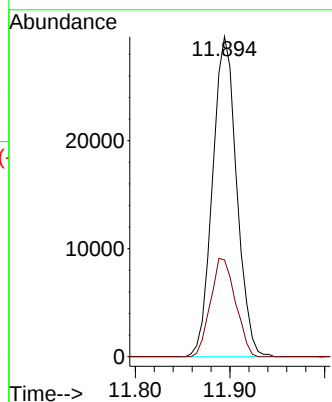
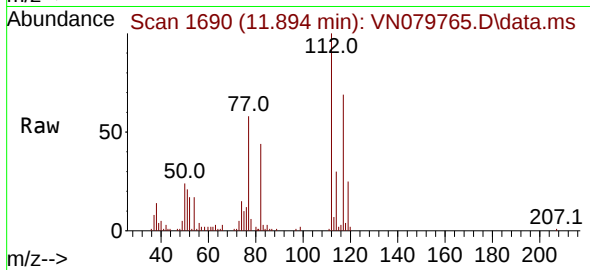
#65
Chlorobenzene
Concen: 5.040 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 52508
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4

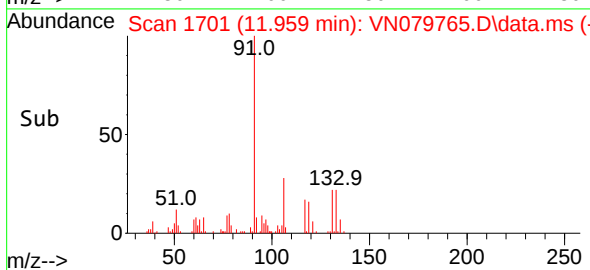
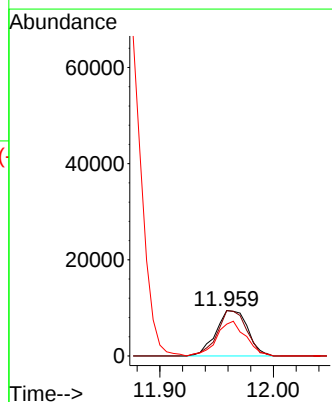
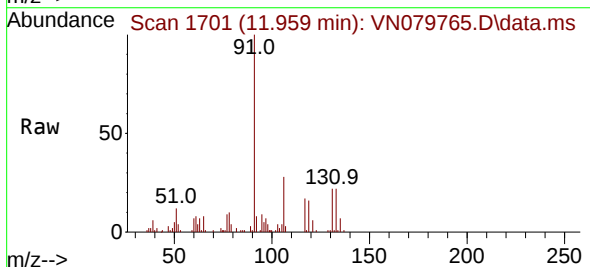
Manual Integrations
APPROVED

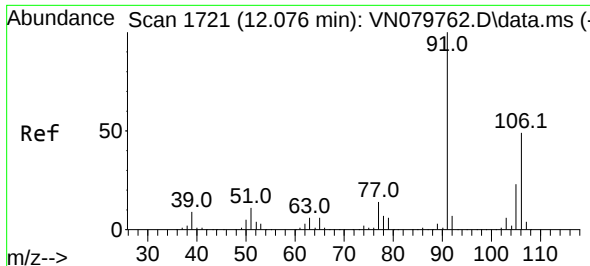
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.903 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion:131 Resp: 18403
Ion Ratio Lower Upper
131 100
133 92.6 46.4 139.1
119 69.2 34.1 102.2





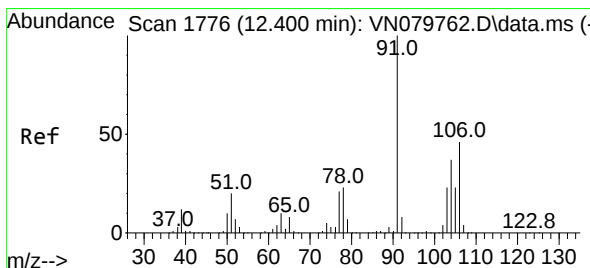
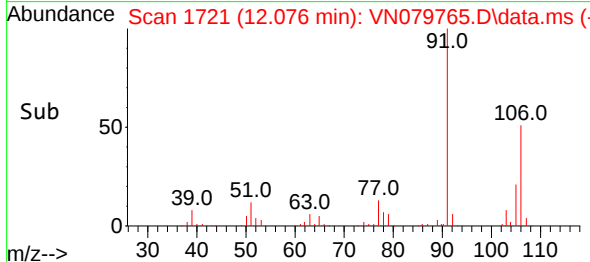
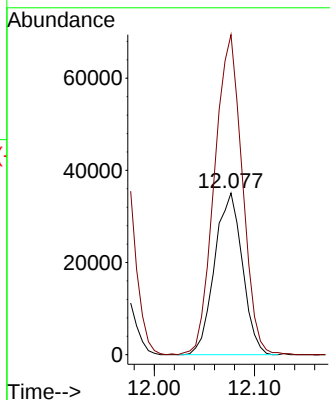
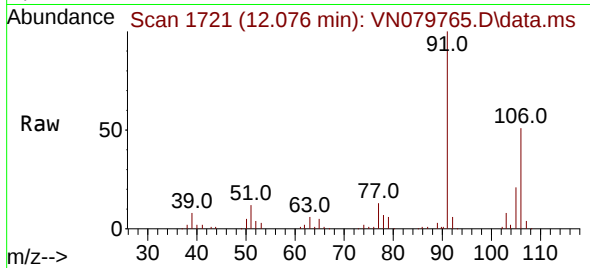
#68
m/p-Xylenes
Concen: 9.962 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 6735
Ion Ratio Lower Upper
106 100
91 198.3 159.6 239.4

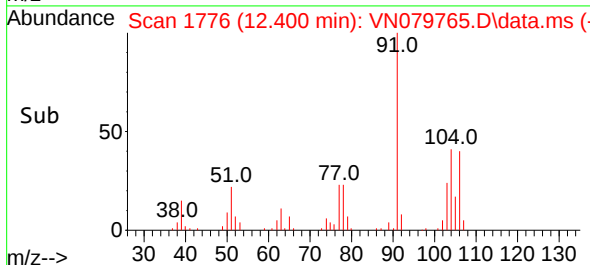
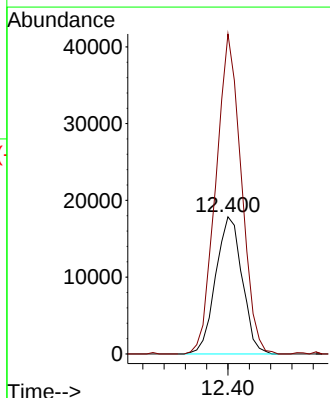
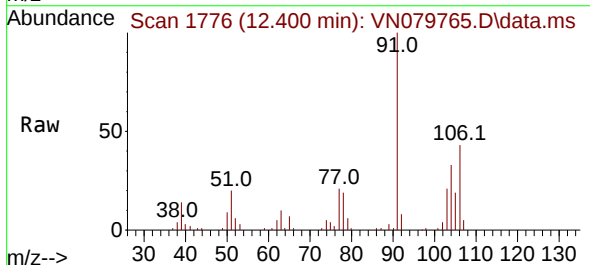
Manual Integrations
APPROVED

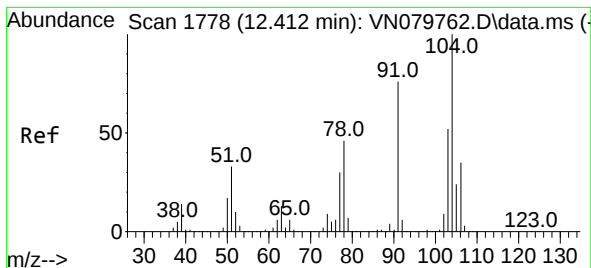
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#69
o-Xylene
Concen: 4.733 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion:106 Resp: 30818
Ion Ratio Lower Upper
106 100
91 224.2 105.2 315.5





#70

Styrene

Concen: 4.655 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:104 Resp: 48704

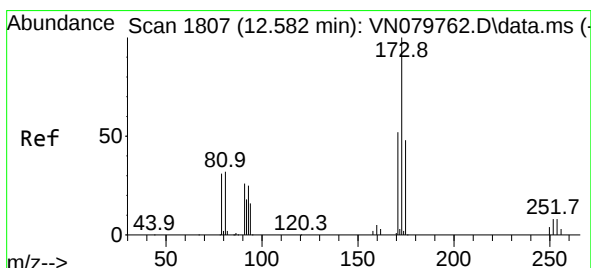
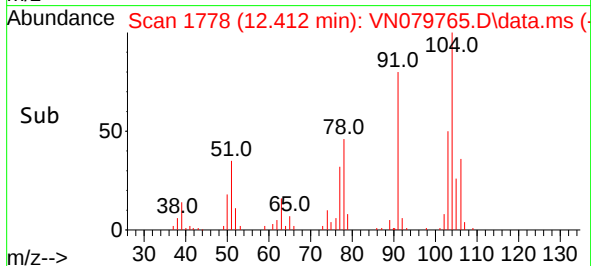
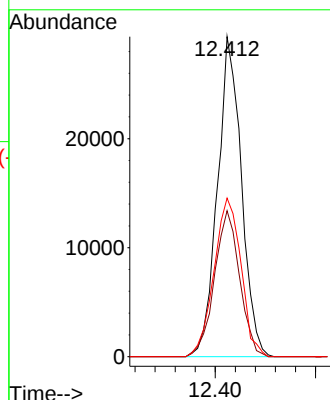
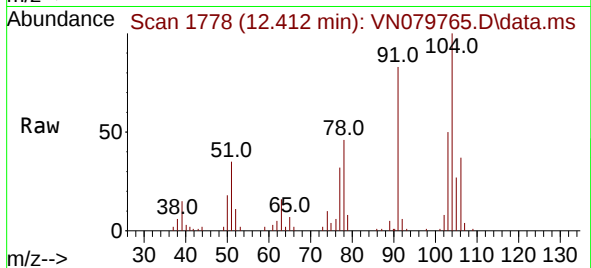
Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.5	59.3
103	55.7	43.2	64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#71

Bromoform

Concen: 4.983 ug/l

RT: 12.582 min Scan# 1807

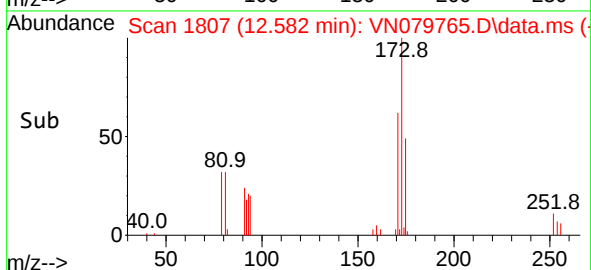
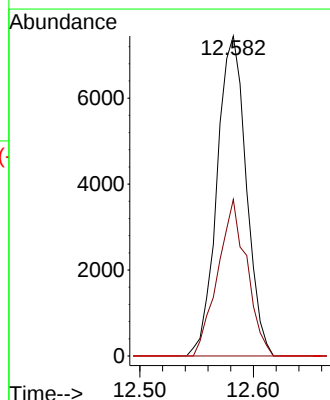
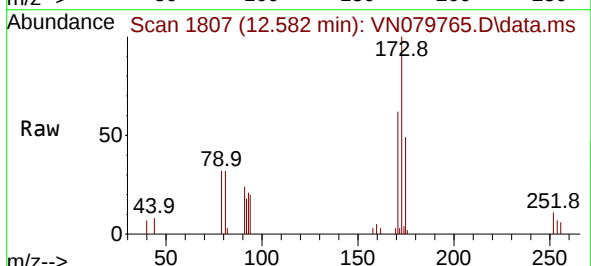
Delta R.T. 0.000 min

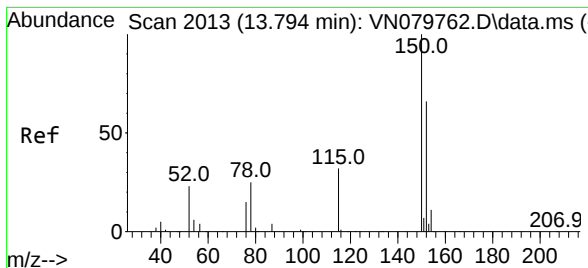
Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

Tgt Ion:173 Resp: 13282

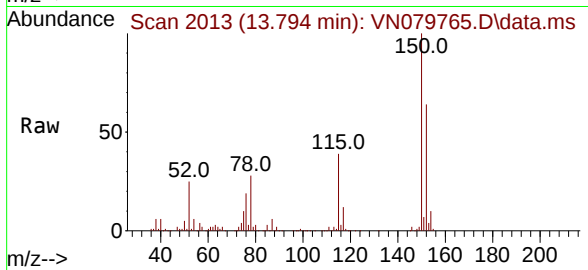
Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	73.0
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

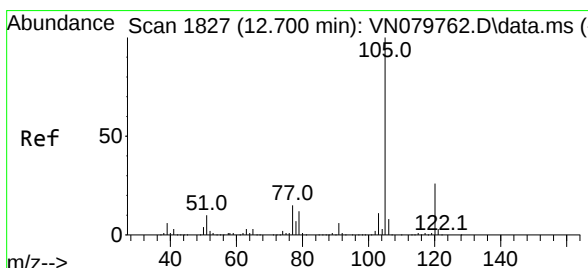
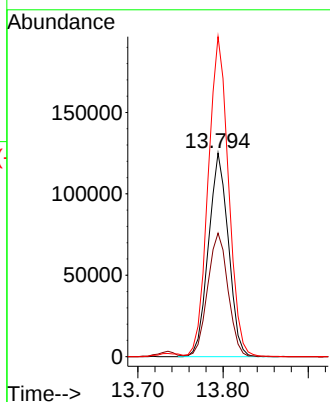
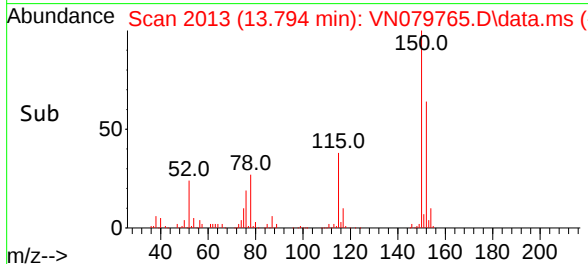
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



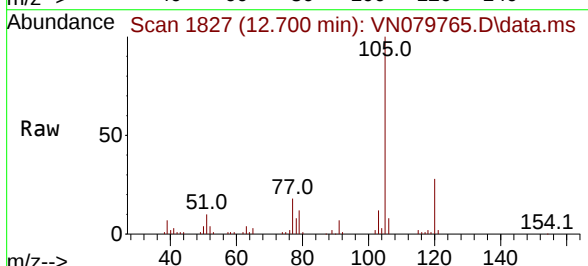
Tgt Ion:152 Resp: 202499
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 161.2 0.0 355.8

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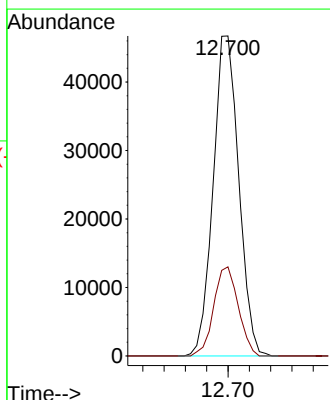
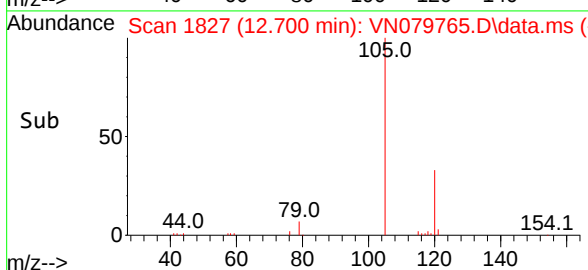
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

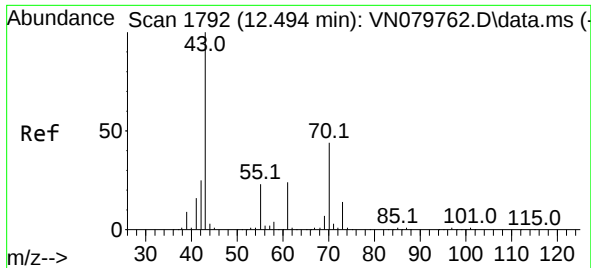


#73
Isopropylbenzene
Concen: 5.075 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38



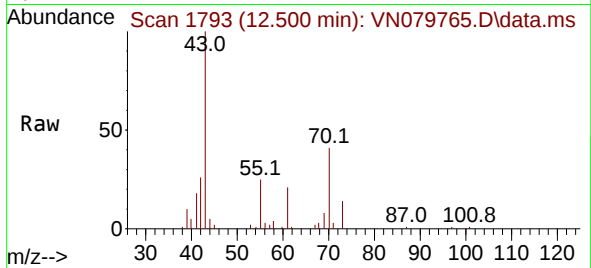
Tgt Ion:105 Resp: 77996
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1





#74
N-amy1 acetate
Concen: 5.214 ug/l
RT: 12.500 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

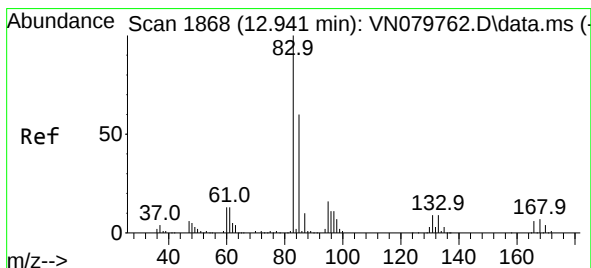
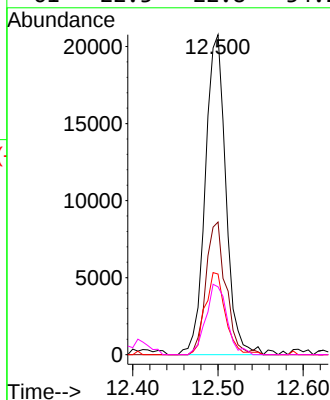
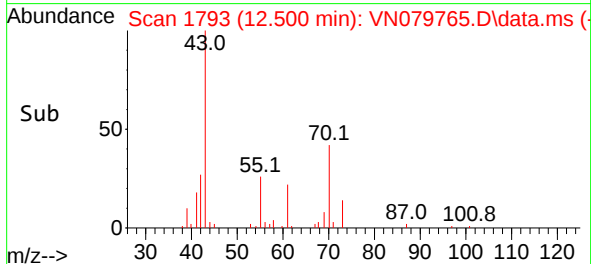
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 34978
Ion Ratio Lower Upper
43 100
70 40.1 43.4 65.2
55 25.2 21.4 32.0
61 22.3 22.8 34.2#

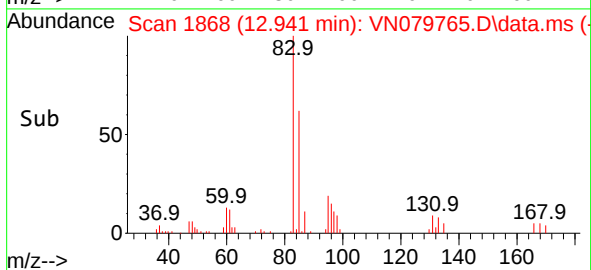
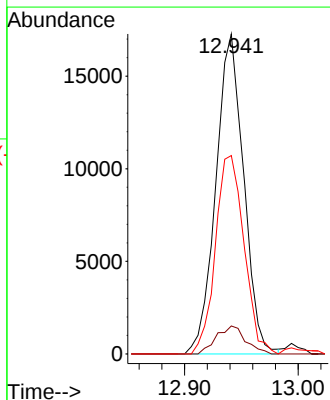
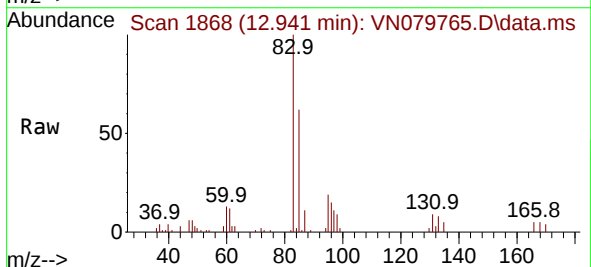
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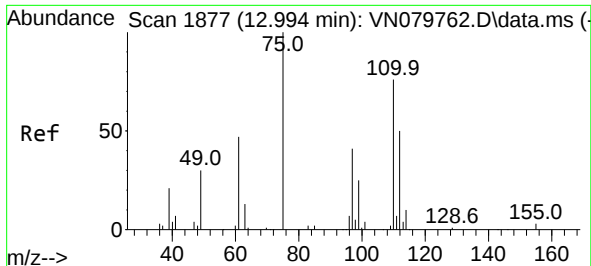
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 5.391 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion: 83 Resp: 29374
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 63.7 31.9 95.7





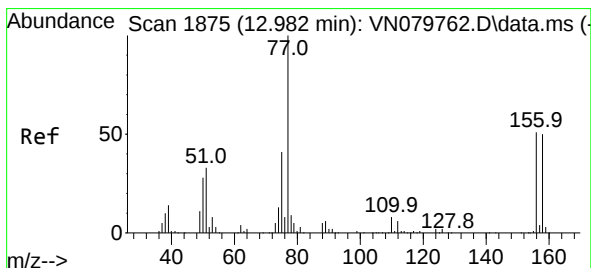
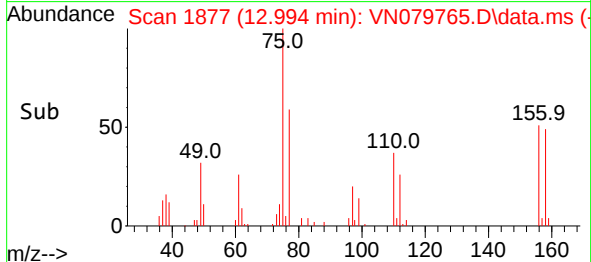
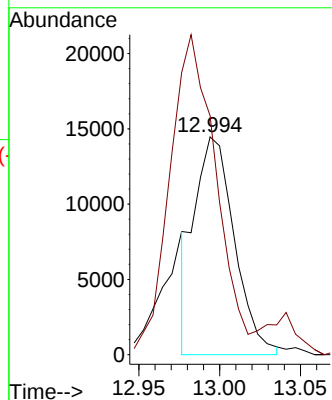
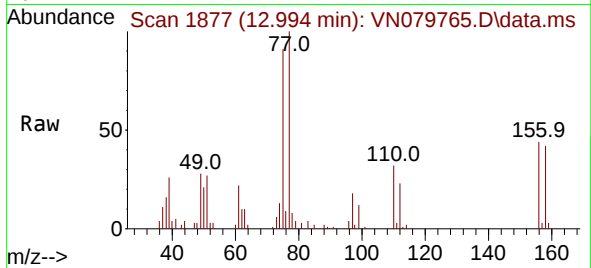
#76
1,2,3-Trichloropropane
Concen: 5.200 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 24690
Ion Ratio Lower Upper
75 100
77 173.1 84.5 253.5

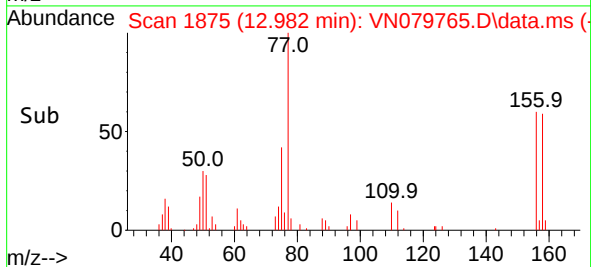
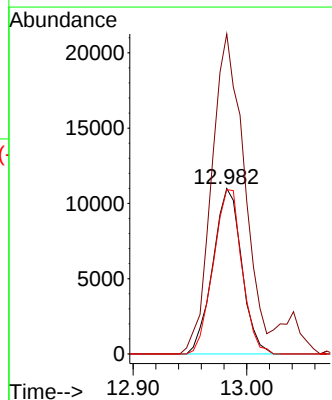
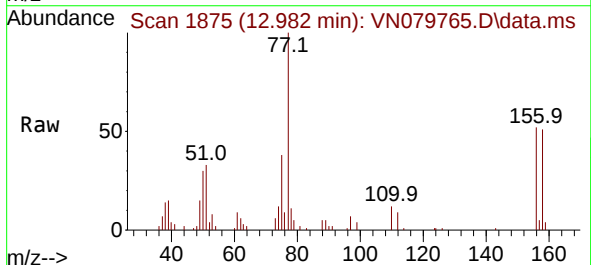
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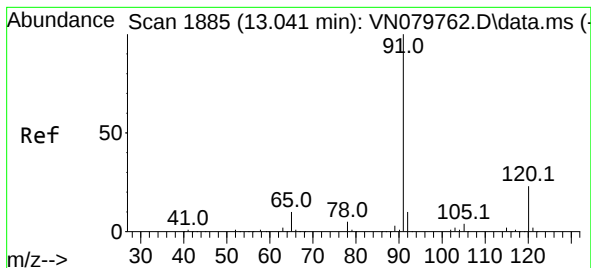
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#77
Bromobenzene
Concen: 5.157 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion:156 Resp: 19405
Ion Ratio Lower Upper
156 100
77 220.2 107.7 323.3
158 98.3 48.4 145.3





#78

n-propylbenzene

Concen: 4.773 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 83990

Ion Ratio Lower Upper

91 100

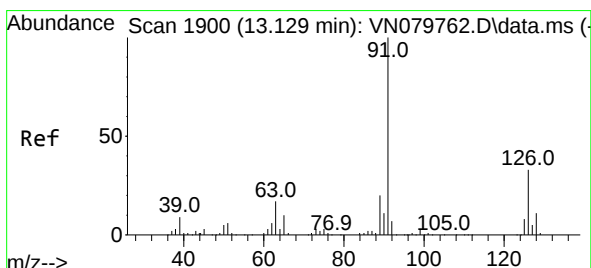
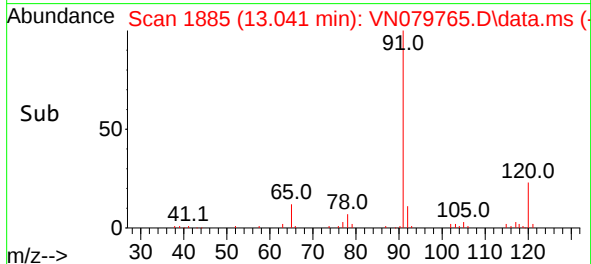
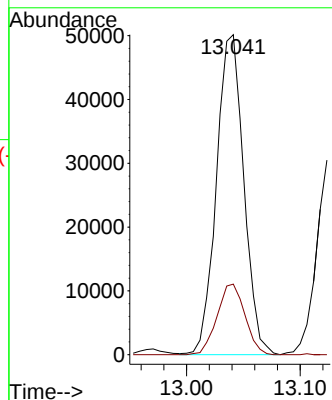
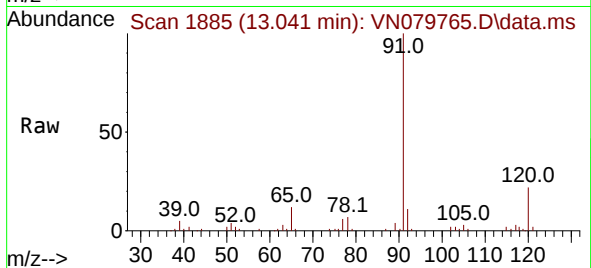
120 22.4 11.5 34.4

Manual Integrations

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Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#79

2-Chlorotoluene

Concen: 5.113 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079765.D

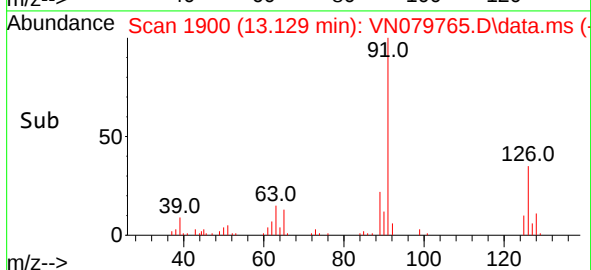
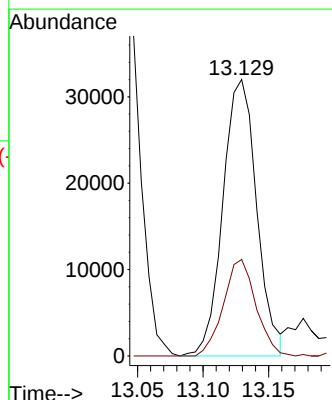
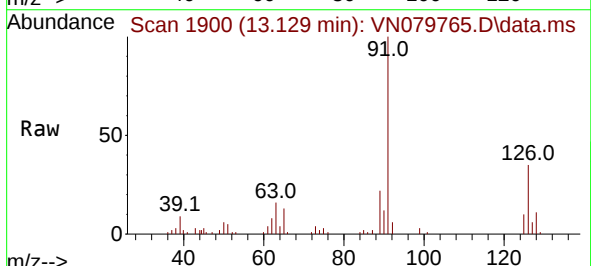
Acq: 01 Nov 2023 11:38

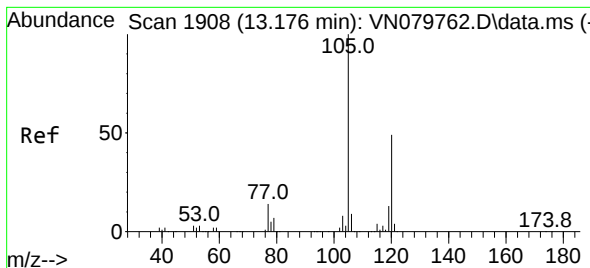
Tgt Ion: 91 Resp: 57490

Ion Ratio Lower Upper

91 100

126 33.6 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 4.930 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 58954

Ion Ratio Lower Upper

105 100

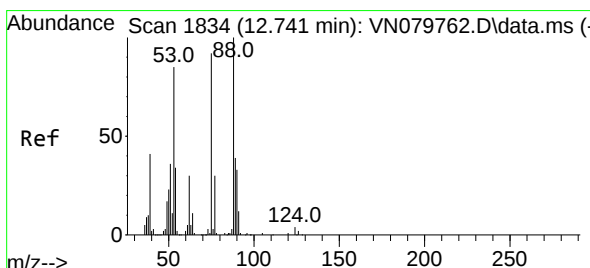
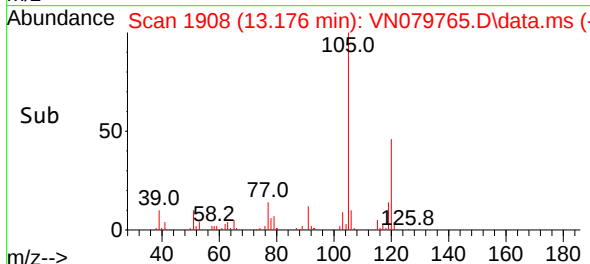
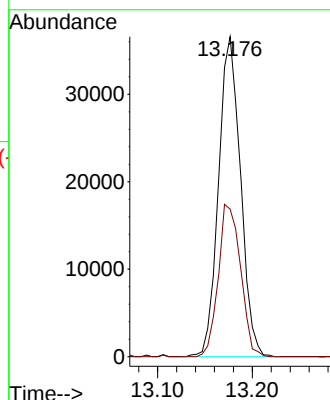
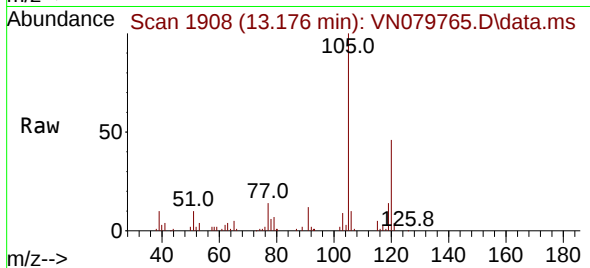
120 48.2 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 4.762 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

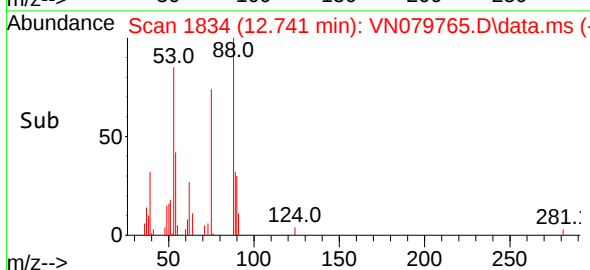
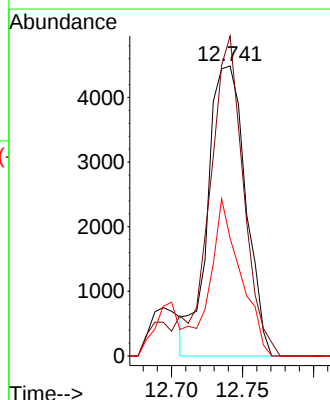
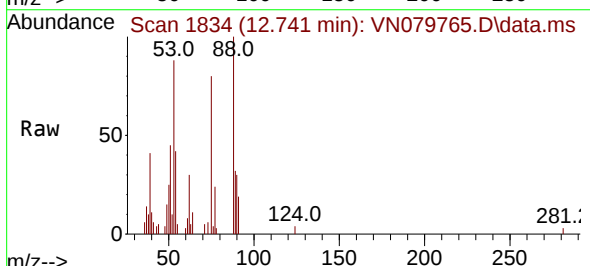
Tgt Ion: 75 Resp: 8321

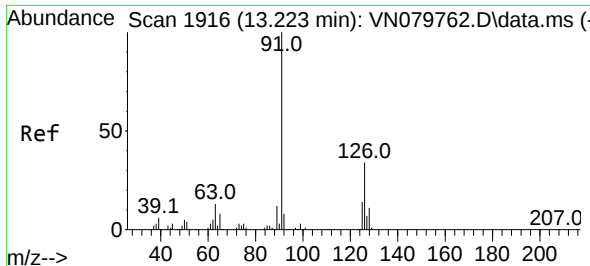
Ion Ratio Lower Upper

75 100

53 99.4 67.4 101.2

89 40.9 38.8 58.2





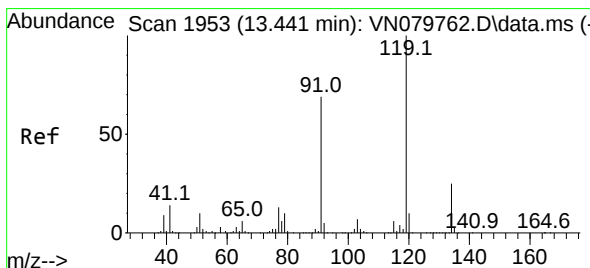
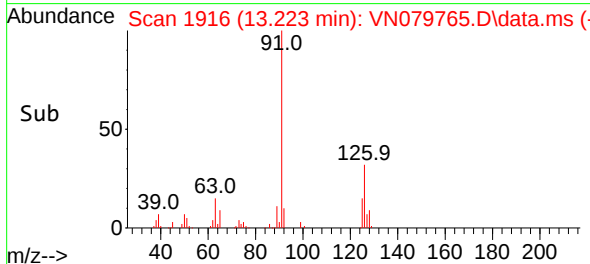
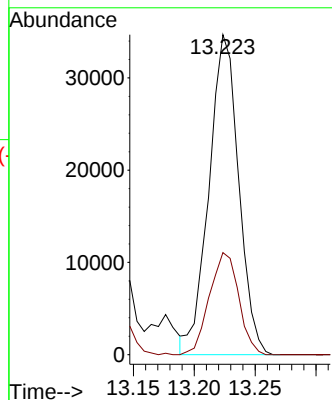
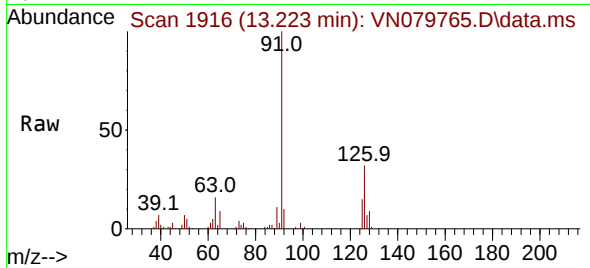
#82
4-Chlorotoluene
Concen: 5.269 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 58869
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0

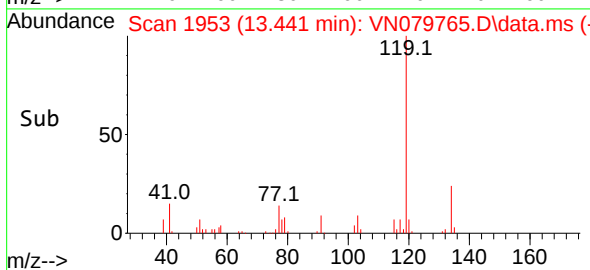
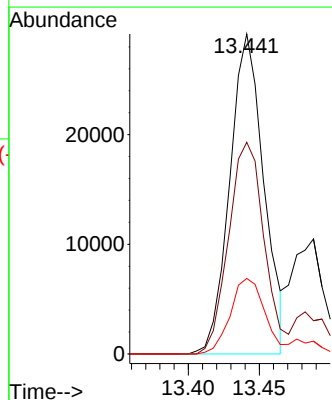
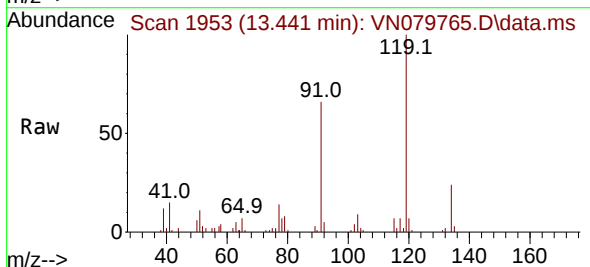
Manual Integrations
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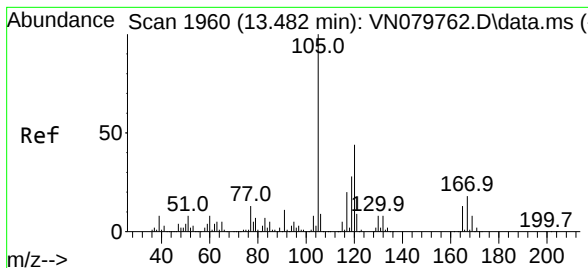
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#83
tert-Butylbenzene
Concen: 4.968 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion:119 Resp: 48629
Ion Ratio Lower Upper
119 100
91 69.5 33.9 101.7
134 24.2 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 4.911 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 57774

Ion Ratio Lower Upper

105 100

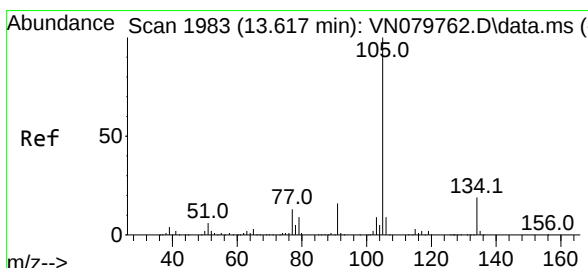
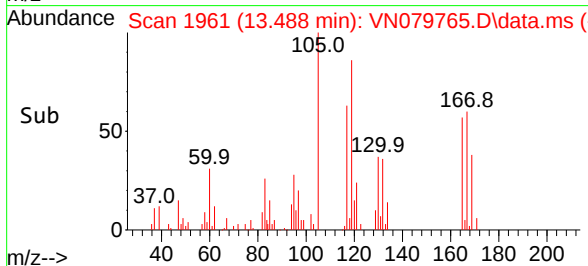
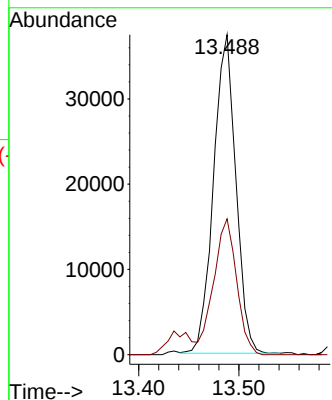
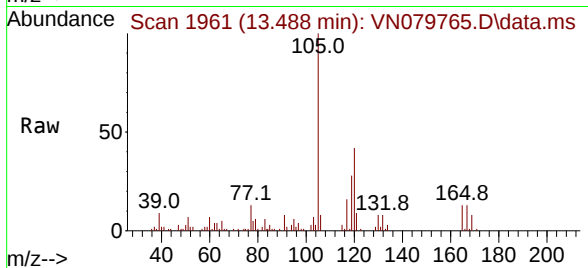
120 43.7 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#85

sec-Butylbenzene

Concen: 5.053 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079765.D

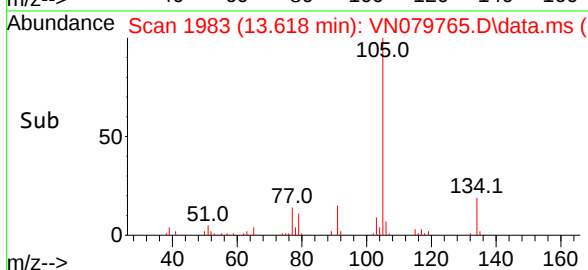
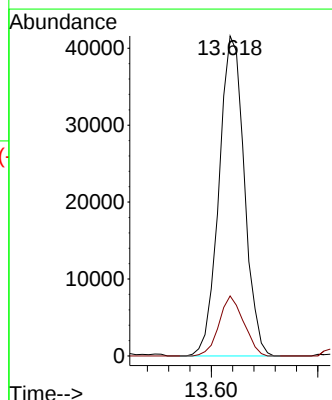
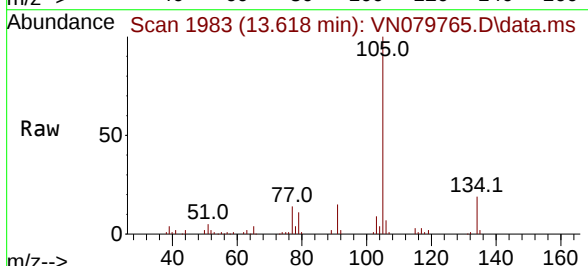
Acq: 01 Nov 2023 11:38

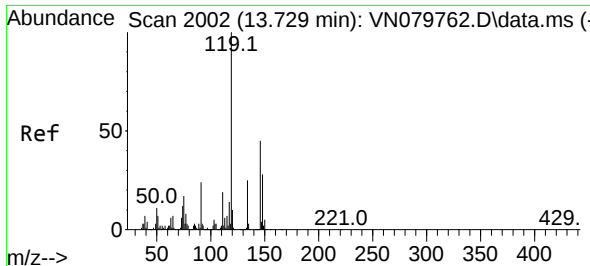
Tgt Ion:105 Resp: 68517

Ion Ratio Lower Upper

105 100

134 18.3 9.8 29.3





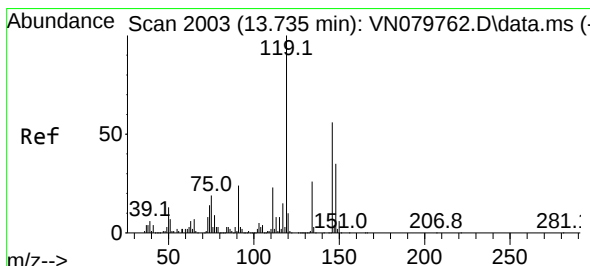
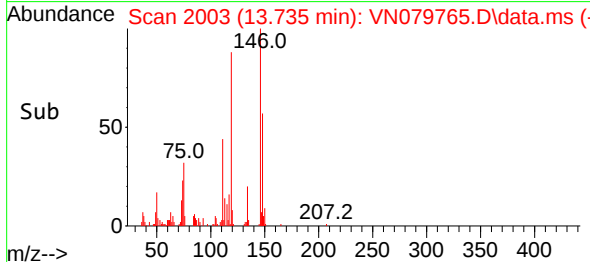
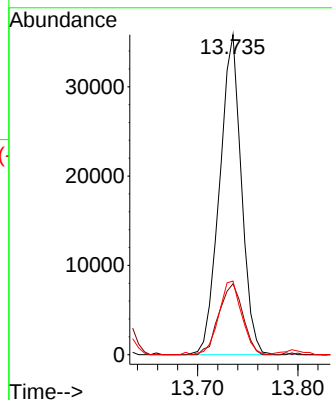
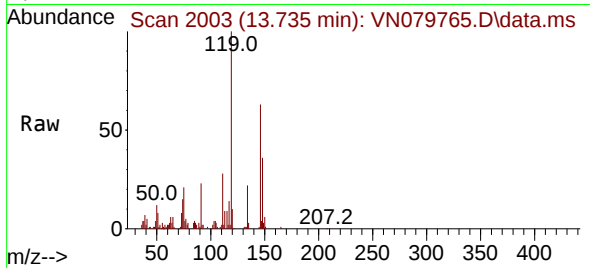
#86
p-Isopropyltoluene
Concen: 4.886 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 54010
Ion Ratio Lower Upper
119 100
134 24.4 12.6 37.8
91 24.5 12.4 37.2

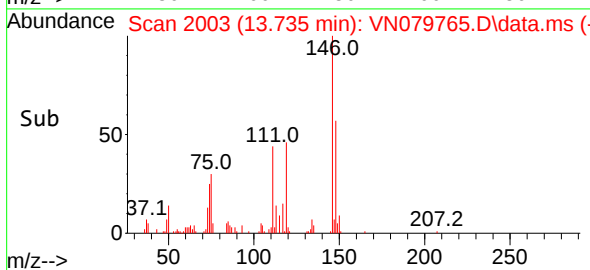
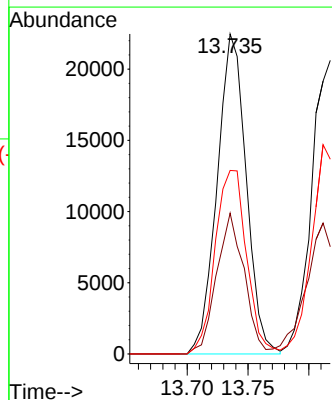
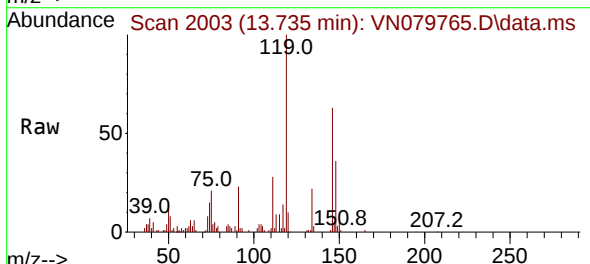
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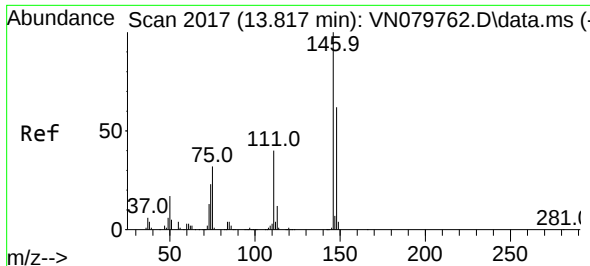
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#87
1,3-Dichlorobenzene
Concen: 5.338 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

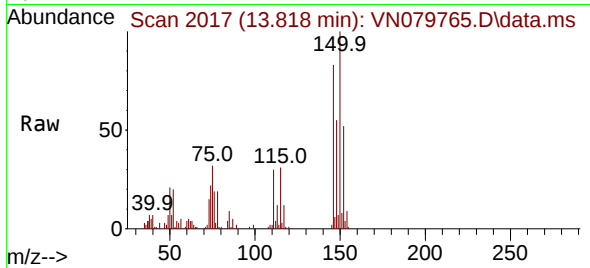
Tgt Ion:146 Resp: 37363
Ion Ratio Lower Upper
146 100
111 41.6 22.1 66.3
148 61.9 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 5.084 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

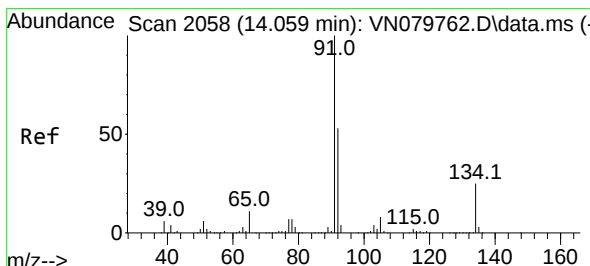
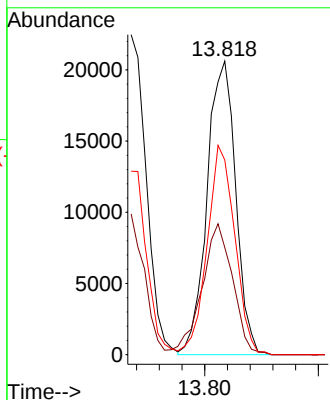
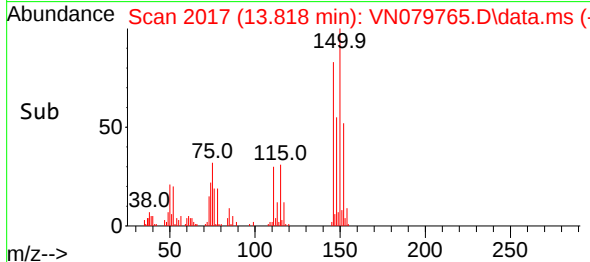
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 3612
Ion Ratio Lower Upper
146 100
111 48.2 20.6 61.8
148 69.0 31.6 94.8

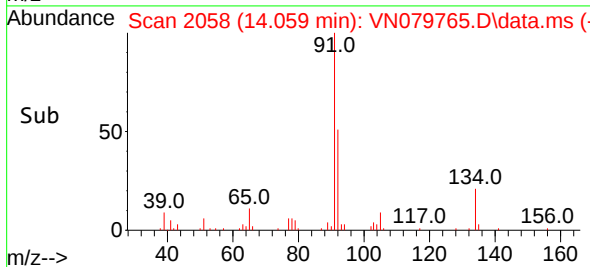
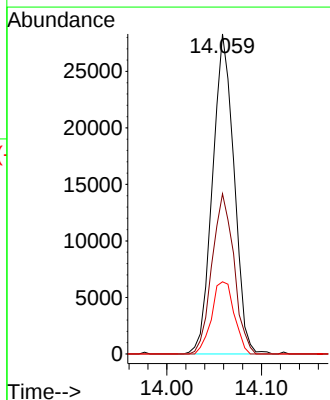
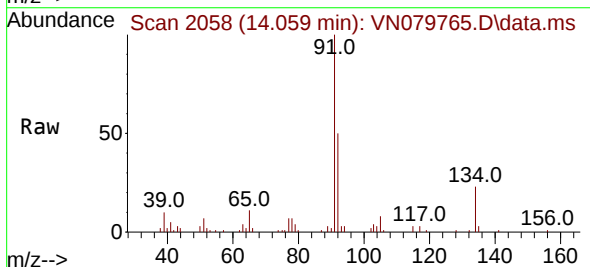
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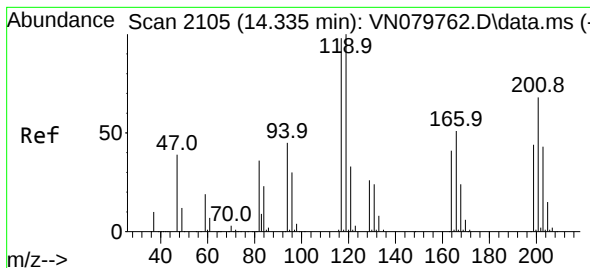
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#89
n-Butylbenzene
Concen: 4.696 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

Tgt Ion: 91 Resp: 44715
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 23.7 12.6 37.6





#90

Hexachloroethane

Concen: 4.857 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:117 Resp: 1063

Ion Ratio Lower Upper

117 100

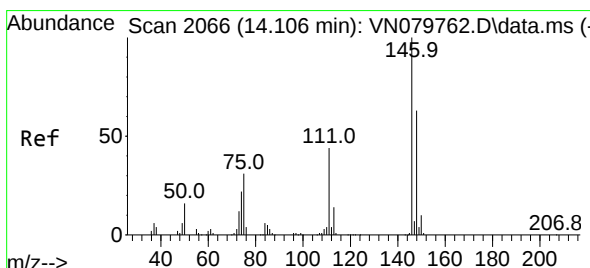
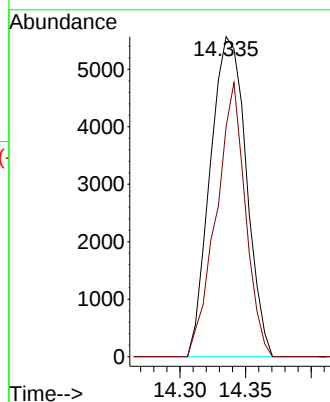
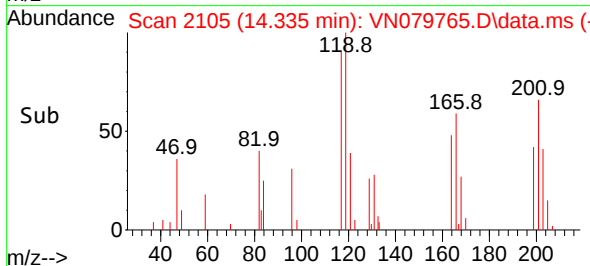
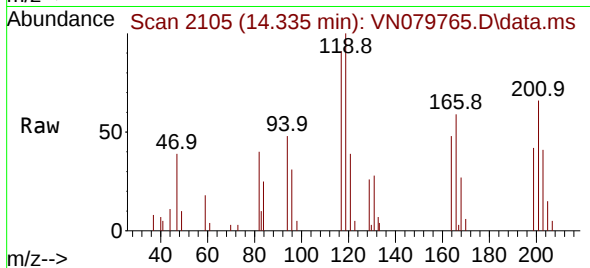
201 69.5 29.3 88.0

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Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#91

1,2-Dichlorobenzene

Concen: 5.065 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN079765.D

Acq: 01 Nov 2023 11:38

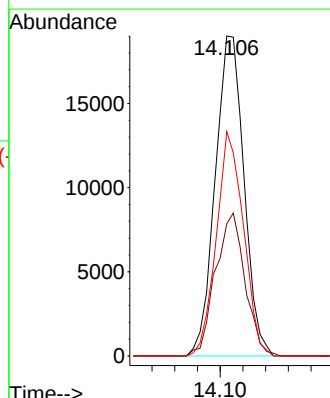
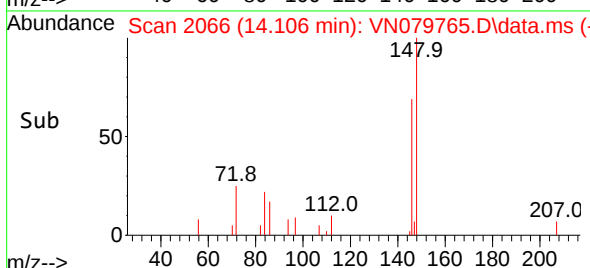
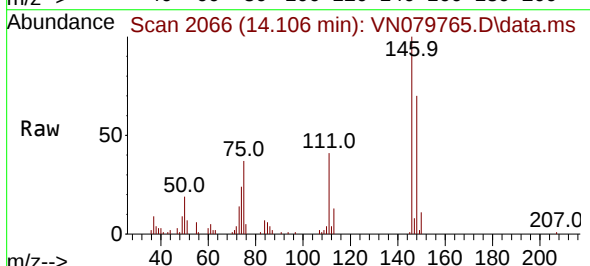
Tgt Ion:146 Resp: 33469

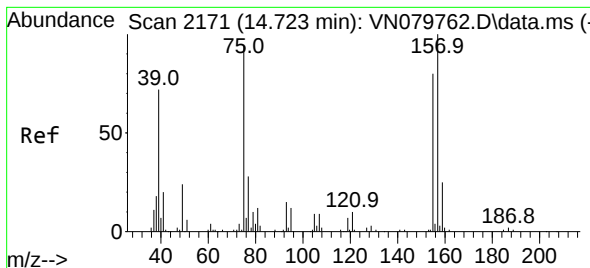
Ion Ratio Lower Upper

146 100

111 45.8 22.0 66.0

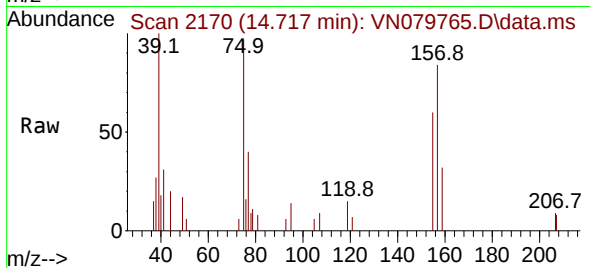
148 66.2 31.8 95.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 5.359 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

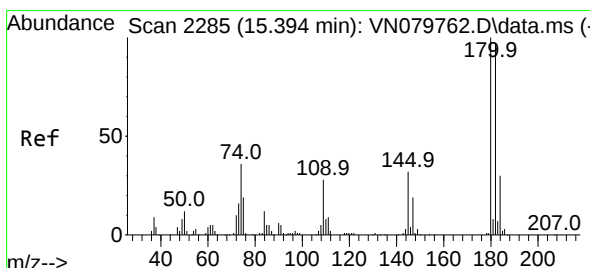
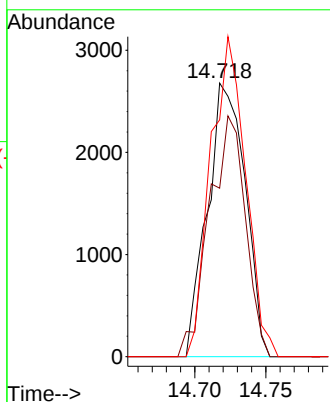
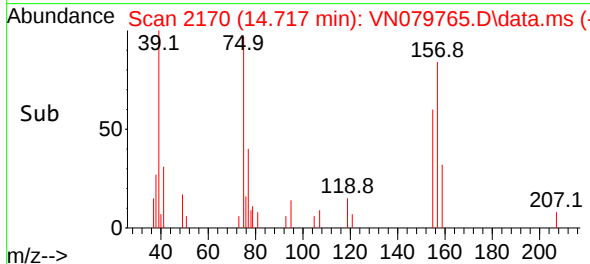
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



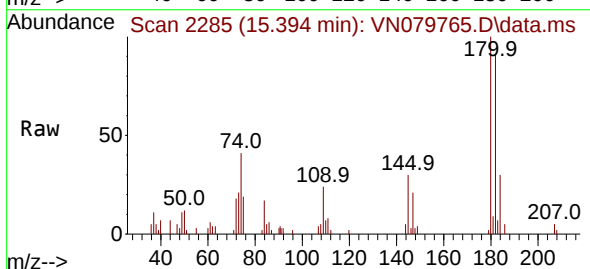
Tgt Ion: 75 Resp: 4952
Ion Ratio Lower Upper
75 100
155 83.8 39.1 117.2
157 108.6 50.3 150.9

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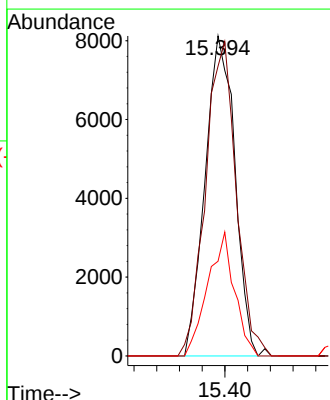
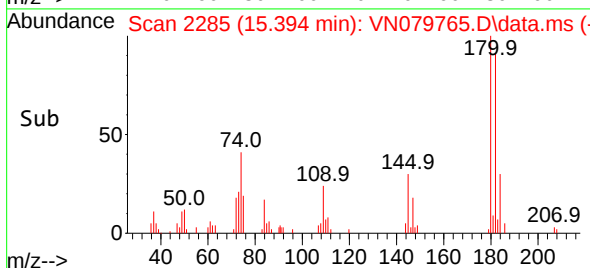
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

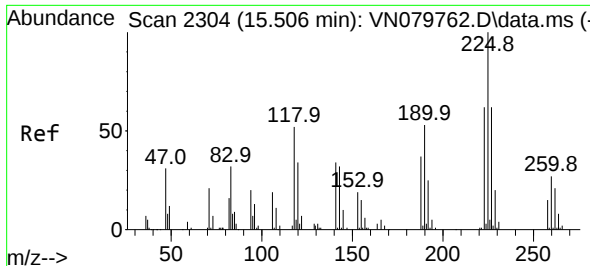


#93
1,2,4-Trichlorobenzene
Concen: 4.714 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38



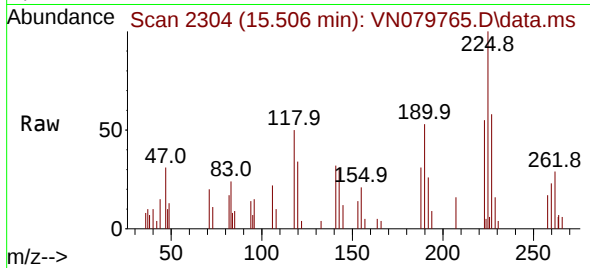
Tgt Ion:180 Resp: 14812
Ion Ratio Lower Upper
180 100
182 100.6 46.1 138.2
145 34.7 16.6 49.8





#94
Hexachlorobutadiene
Concen: 5.564 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

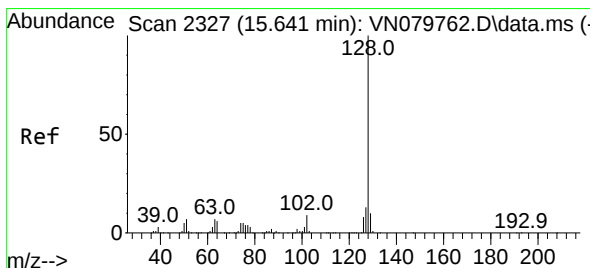
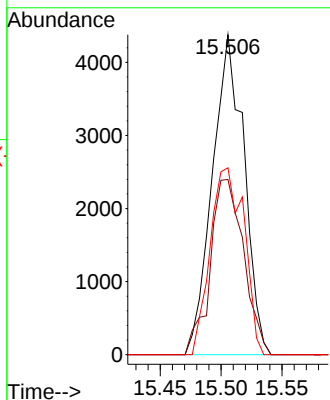
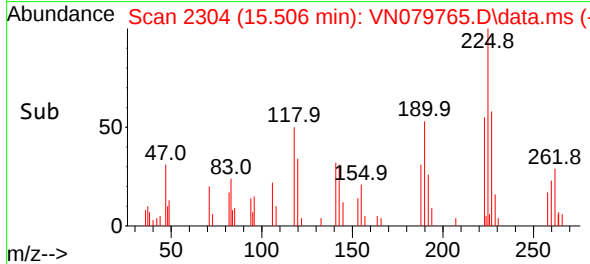
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:225 Resp: 7924
Ion Ratio Lower Upper
225 100
223 57.8 31.3 93.8
227 62.2 31.9 95.9

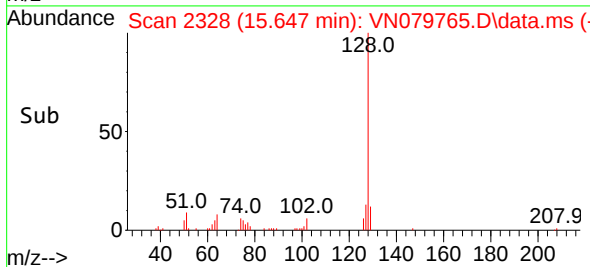
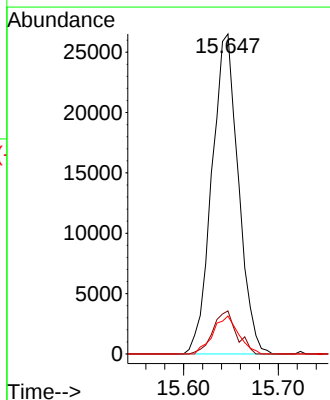
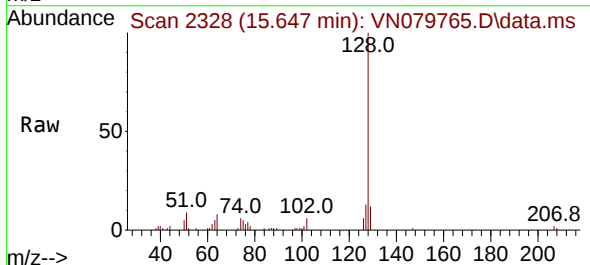
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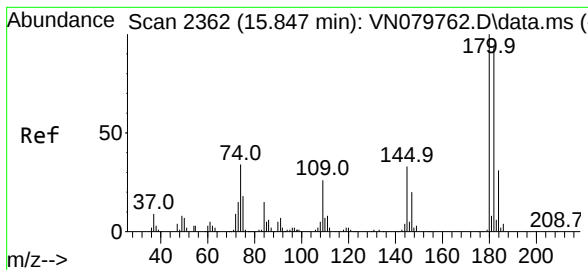
Reviewed By :John Carbone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#95
Naphthalene
Concen: 4.851 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN079765.D
Acq: 01 Nov 2023 11:38

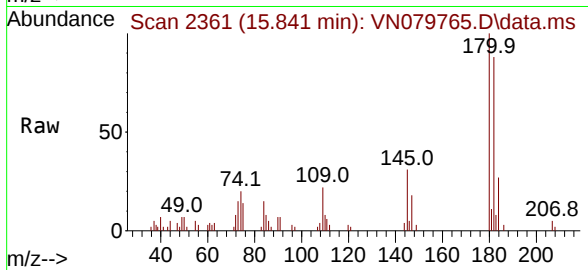
Tgt Ion:128 Resp: 51687
Ion Ratio Lower Upper
128 100
127 12.1 10.0 15.0
129 11.5 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 5.142 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079765.D
 Acq: 01 Nov 2023 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:180 Resp: 15835
 Ion Ratio Lower Upper
 180 100
 182 92.0 46.2 138.6
 145 33.3 17.5 52.6

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Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023

