

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079661.D
 Acq On : 24 Oct 2023 16:50
 Operator : JC\MD
 Sample : VN1024WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 01:57:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	264430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	458465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	422509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	231656	54.030	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.060%			
35) Dibromofluoromethane	8.171	113	182381	55.356	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.720%			
50) Toluene-d8	10.571	98	673170	56.468	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.940%			
62) 4-Bromofluorobenzene	12.853	95	212455	55.533	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	72416	19.111	ug/l	97
3) Chloromethane	2.365	50	85120	18.004	ug/l	98
4) Vinyl Chloride	2.518	62	94951	19.308	ug/l	98
5) Bromomethane	2.948	94	61098	20.753	ug/l	99
6) Chloroethane	3.118	64	64727	17.458	ug/l	98
7) Trichlorofluoromethane	3.501	101	141039	24.290	ug/l	99
8) Diethyl Ether	3.965	74	41645	20.118	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	67963	20.029	ug/l	99
10) Methyl Iodide	4.589	142	69741	23.686	ug/l	99
11) Tert butyl alcohol	5.524	59	61283	94.967	ug/l	98
12) 1,1-Dichloroethene	4.342	96	62367	19.962	ug/l #	79
13) Acrolein	4.183	56	53545	83.332	ug/l	95
14) Allyl chloride	5.030	41	97250	19.289	ug/l	90
15) Acrylonitrile	5.724	53	195810	104.664	ug/l	99
16) Acetone	4.436	43	197744	116.281	ug/l #	86
17) Carbon Disulfide	4.712	76	166394	17.074	ug/l	97
18) Methyl Acetate	5.030	43	167934	20.176	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	220141	21.686	ug/l	92
20) Methylene Chloride	5.277	84	79213	20.921	ug/l #	83
21) trans-1,2-Dichloroethene	5.795	96	71203	19.513	ug/l #	85
22) Diisopropyl ether	6.683	45	253264	22.402	ug/l #	90
23) Vinyl Acetate	6.612	43	668748	105.160	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	144875	20.938	ug/l	98
25) 2-Butanone	7.489	43	273526	108.369	ug/l #	76
26) 2,2-Dichloropropane	7.494	77	120670	22.821	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	84385	21.287	ug/l	86
28) Bromochloromethane	7.818	49	72856	22.131	ug/l #	76
29) Tetrahydrofuran	7.841	42	171874	105.289	ug/l #	75
30) Chloroform	7.971	83	152146	21.763	ug/l	93
31) Cyclohexane	8.265	56	116333	19.128	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	127492	21.670	ug/l #	91
36) 1,1-Dichloropropene	8.377	75	107950	21.831	ug/l	93
37) Ethyl Acetate	7.565	43	107432	21.834	ug/l #	91
38) Carbon Tetrachloride	8.365	117	105554	21.323	ug/l	96
39) Methylcyclohexane	9.606	83	95861	20.178	ug/l #	85
40) Benzene	8.612	78	323026	21.996	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	54354	21.012	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	117862	22.088	ug/l	97
43) Isopropyl Acetate	8.694	43	181989	21.112	ug/l #	88
44) Trichloroethene	9.359	130	74774	21.633	ug/l	96
45) 1,2-Dichloropropane	9.624	63	87581	22.635	ug/l	94
46) Dibromomethane	9.712	93	56880	22.698	ug/l	95
47) Bromodichloromethane	9.894	83	118645	23.016	ug/l	97
48) Methyl methacrylate	9.688	41	81060	21.944	ug/l #	79
49) 1,4-Dioxane	9.700	88	28390	417.252	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	542698	111.526	ug/l	88
52) Toluene	10.635	92	195950	22.668	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	118632	22.837	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	130210	22.897	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	78070	22.496	ug/l	98
56) Ethyl methacrylate	10.877	69	111498	23.381	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	136231	22.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	200119	109.577	ug/l #	88
59) 2-Hexanone	11.200	43	393301	112.006	ug/l	88
60) Dibromochloromethane	11.365	129	81669	23.415	ug/l	98
61) 1,2-Dibromoethane	11.471	107	74445	21.616	ug/l	100
64) Tetrachloroethene	11.106	164	58325	20.067	ug/l	96
65) Chlorobenzene	11.894	112	199406	21.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	75160	21.816	ug/l	97
67) Ethyl Benzene	11.965	91	356625	21.806	ug/l	93
68) m/p-Xylenes	12.077	106	262889	44.240	ug/l	93
69) o-Xylene	12.406	106	128744	22.030	ug/l	93
70) Styrene	12.418	104	208273	22.563	ug/l	97
71) Bromoform	12.582	173	52241	20.718	ug/l #	98
73) Isopropylbenzene	12.700	105	318838	20.290	ug/l	100
74) N-amyl acetate	12.500	43	130188	20.208	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	118143	22.627	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	101743m	20.891	ug/l	
77) Bromobenzene	12.982	156	76243	19.787	ug/l	92
78) n-propylbenzene	13.041	91	376240	21.162	ug/l	96
79) 2-Chlorotoluene	13.129	91	235327	20.684	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	267476	21.585	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	33452	19.930	ug/l #	84
82) 4-Chlorotoluene	13.224	91	224720	20.757	ug/l	99
83) tert-Butylbenzene	13.441	119	216208	21.296	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	263804	22.308	ug/l	100
85) sec-Butylbenzene	13.623	105	298096	21.051	ug/l	100
86) p-Isopropyltoluene	13.735	119	237503	21.862	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	128320	20.997	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	121908	19.319	ug/l	98
89) n-Butylbenzene	14.059	91	178114	20.532	ug/l	99
90) Hexachloroethane	14.335	117	49965	22.071	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	123291	20.682	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16132	17.753	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	30990	16.785	ug/l	96
94) Hexachlorobutadiene	15.506	225	30695	21.346	ug/l	98
95) Naphthalene	15.647	128	78390	13.904	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35467	16.098	ug/l	95

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

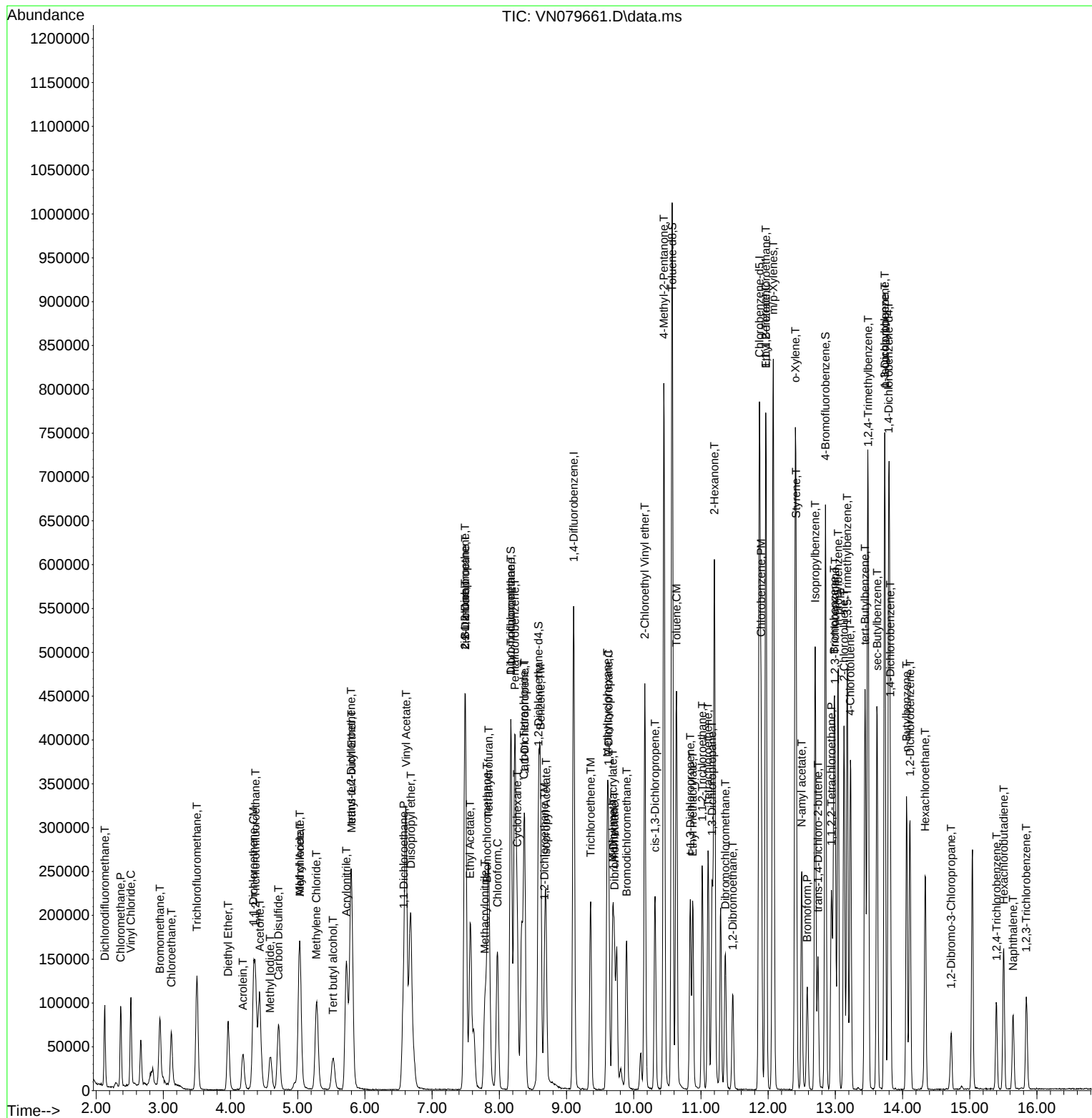
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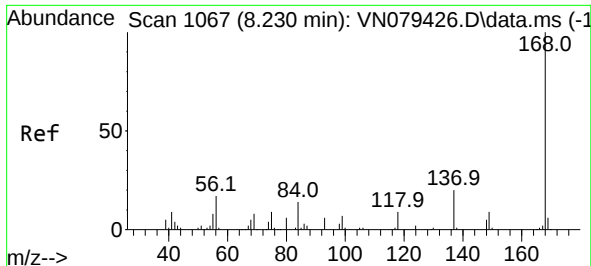
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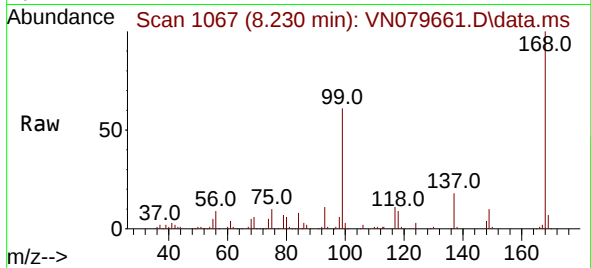
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079661.D
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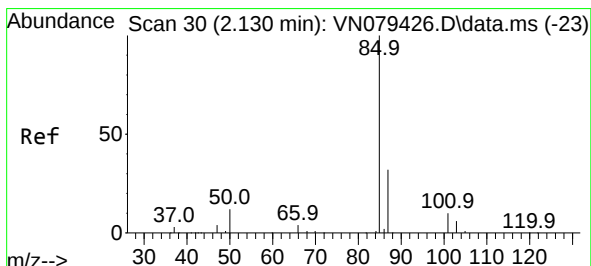
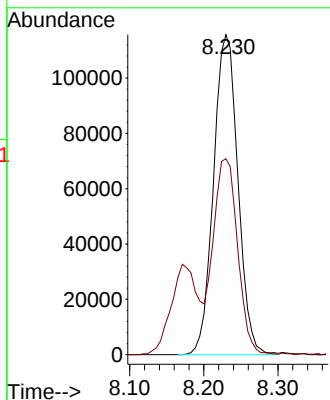
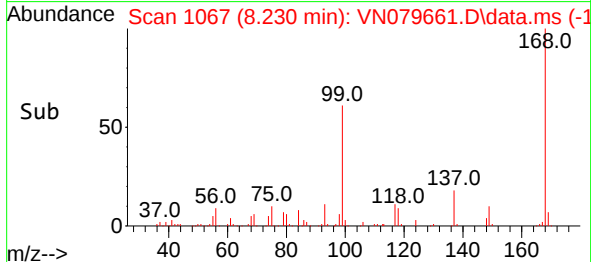
Instrument :
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Tgt Ion:168 Resp: 264430
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6

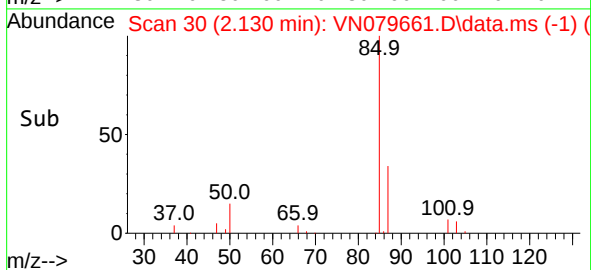
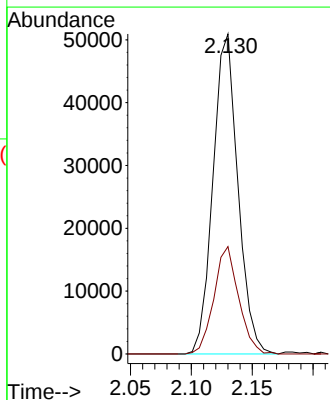
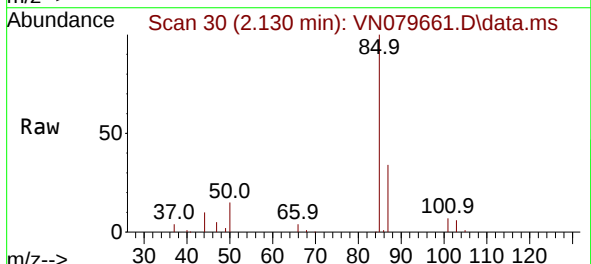
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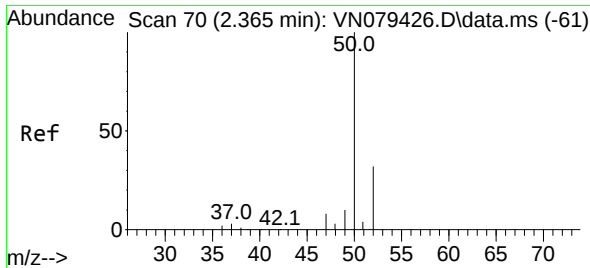
Reviewed By :John Carlone 10/25/2023
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#2
Dichlorodifluoromethane
Concen: 19.111 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 85 Resp: 72416
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





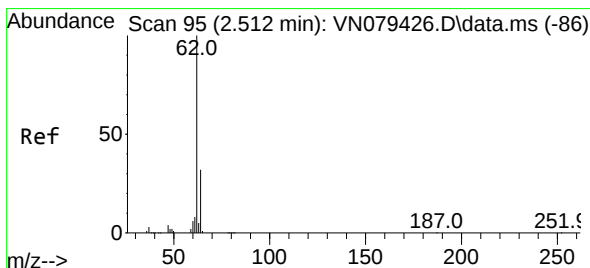
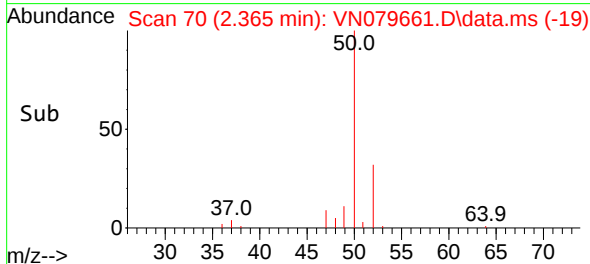
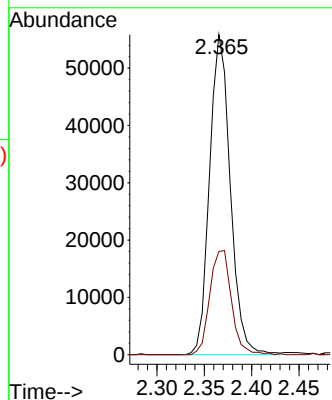
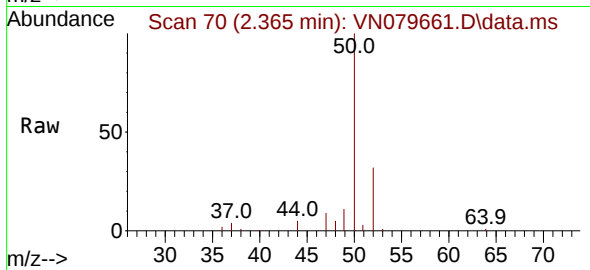
#3
Chloromethane
Concen: 18.004 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
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Tgt Ion: 50 Resp: 85120
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7

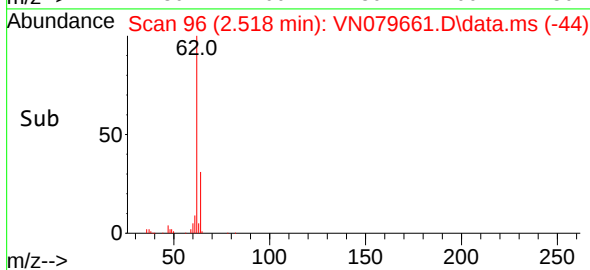
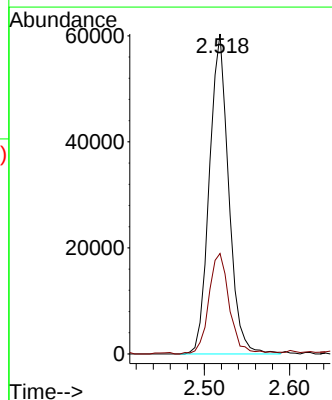
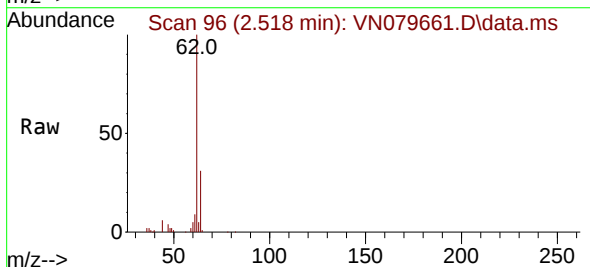
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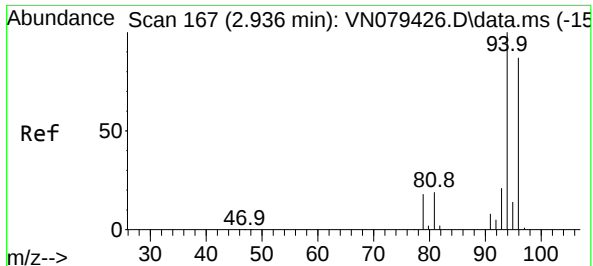
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#4
Vinyl Chloride
Concen: 19.308 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 62 Resp: 94951
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





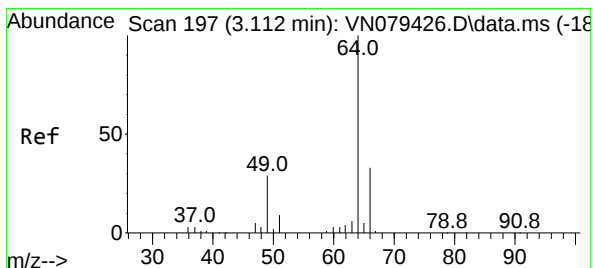
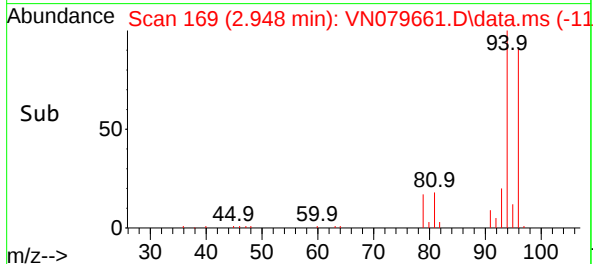
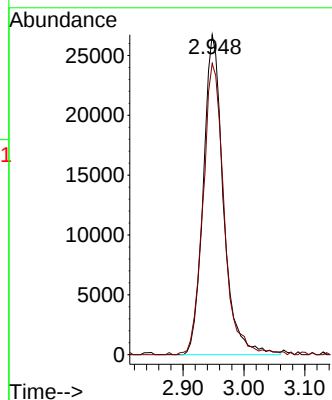
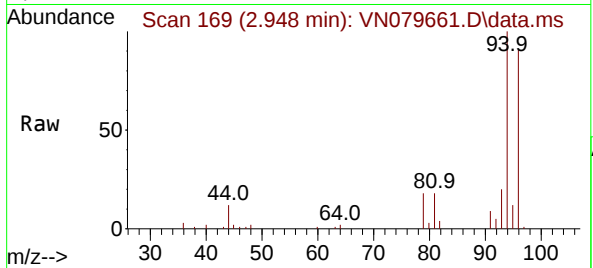
#5
Bromomethane
Concen: 20.753 ug/l
RT: 2.948 min Scan# 110
Delta R.T. 0.012 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
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Tgt Ion: 94 Resp: 61098
Ion Ratio Lower Upper
94 100
96 90.4 73.1 109.7

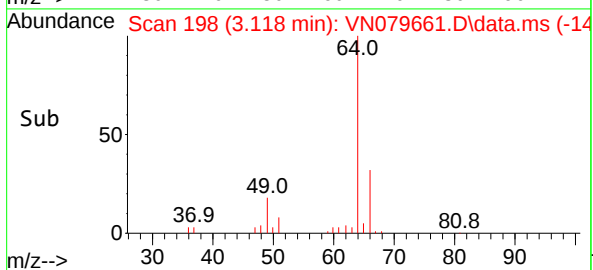
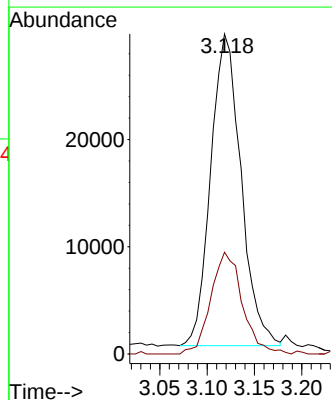
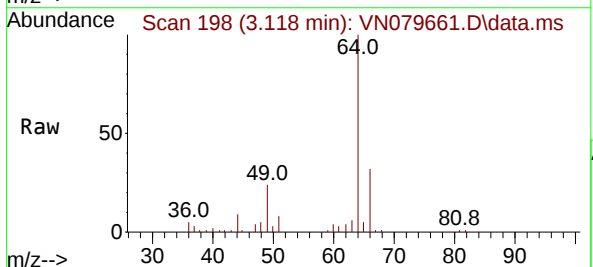
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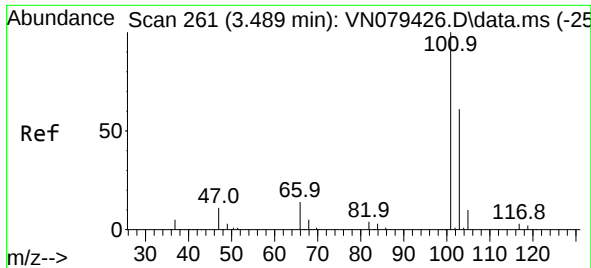
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#6
Chloroethane
Concen: 17.458 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 64 Resp: 64727
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2





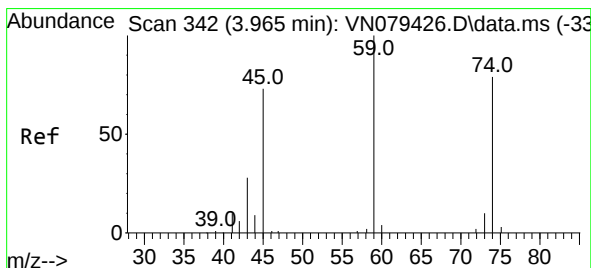
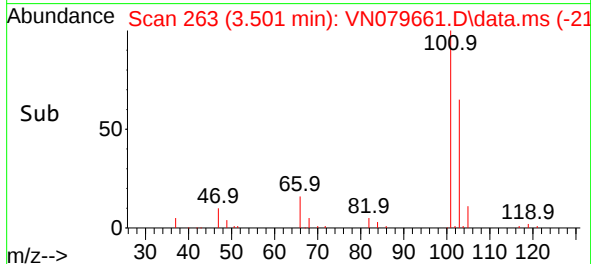
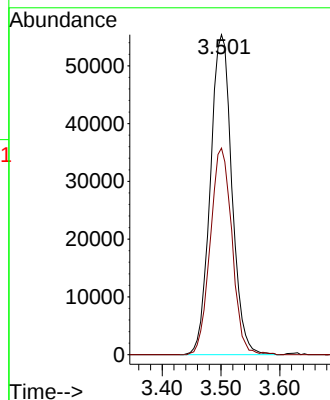
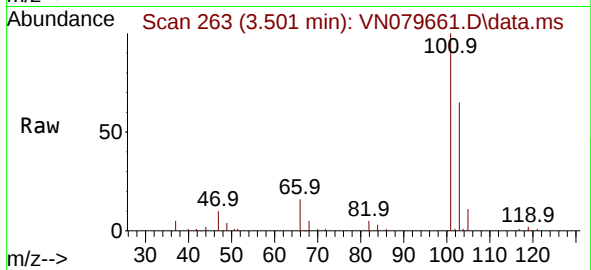
#7
Trichlorofluoromethane
Concen: 24.290 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.012 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
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Tgt Ion:101 Resp: 141039
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1

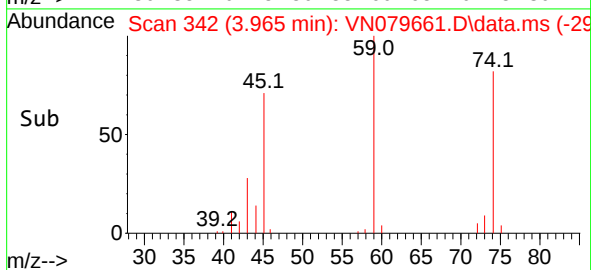
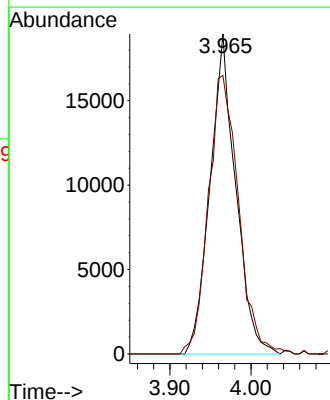
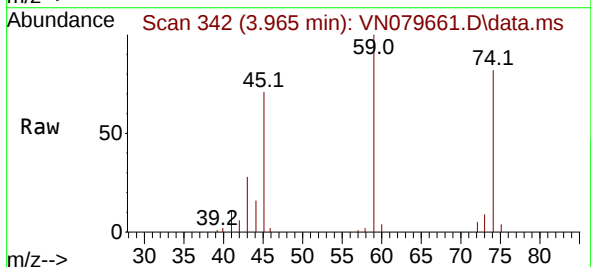
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#8
Diethyl Ether
Concen: 20.118 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 74 Resp: 41645
Ion Ratio Lower Upper
74 100
45 101.6 34.4 103.3





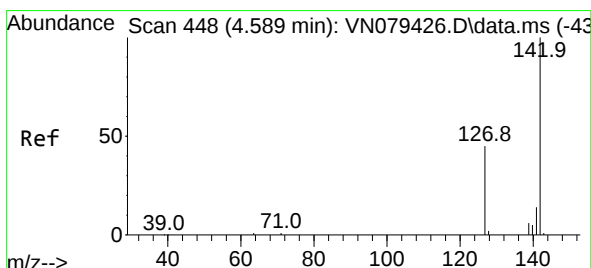
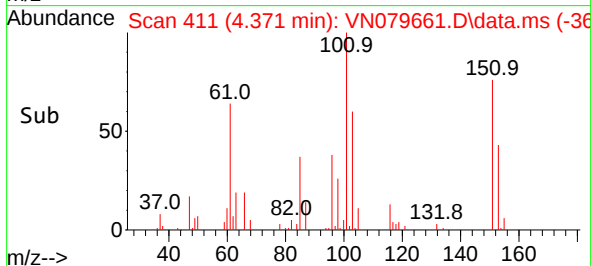
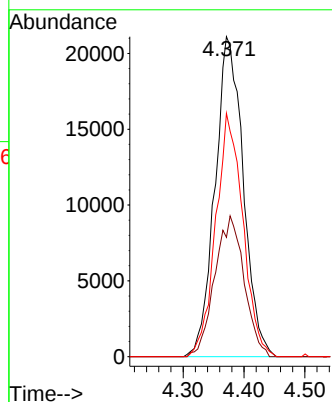
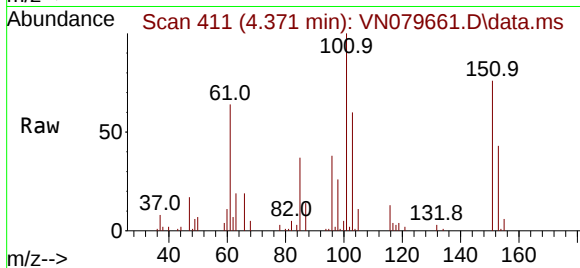
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.029 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion:101 Resp: 6796
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 73.1 57.6 86.4

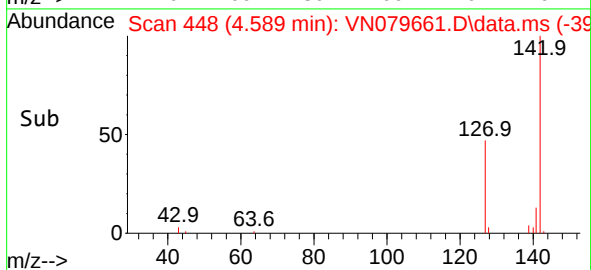
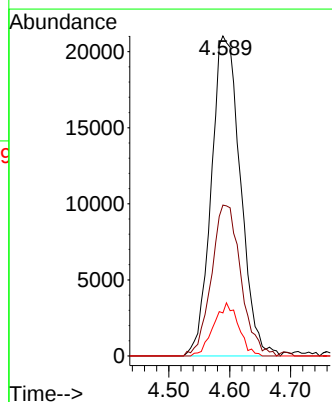
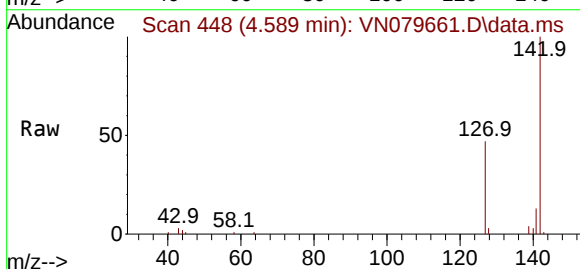
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#10
Methyl Iodide
Concen: 23.686 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

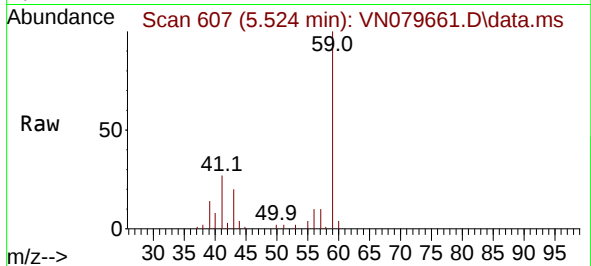
Tgt Ion:142 Resp: 69741
Ion Ratio Lower Upper
142 100
127 47.1 37.6 56.4
141 13.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 94.967 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

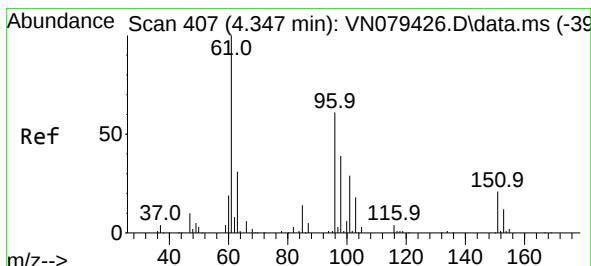
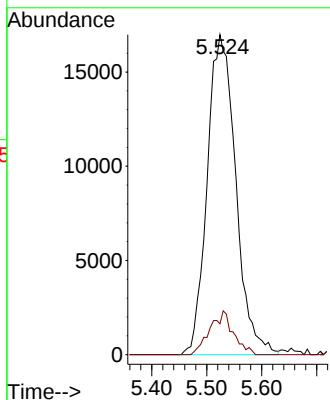
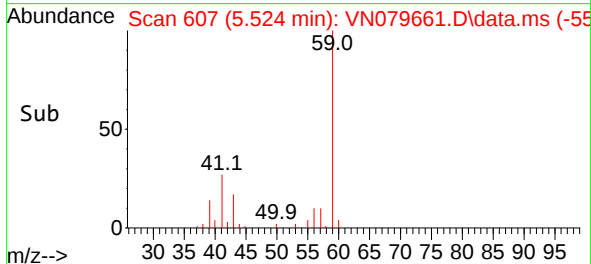
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



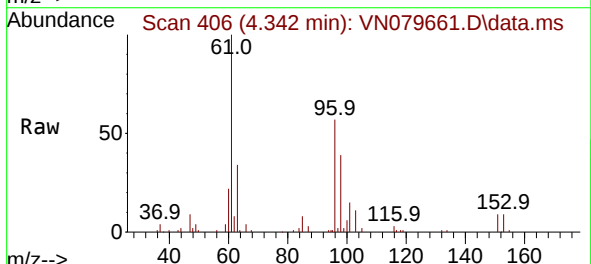
Tgt Ion: 59 Resp: 61283
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4

Manual Integrations
APPROVED

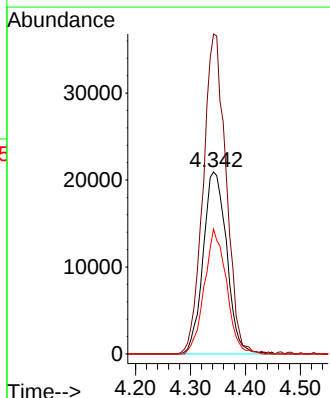
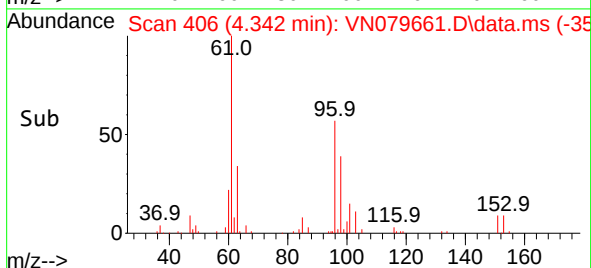
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

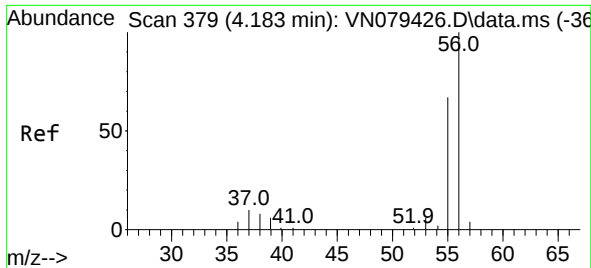


#12
1,1-Dichloroethene
Concen: 19.962 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50



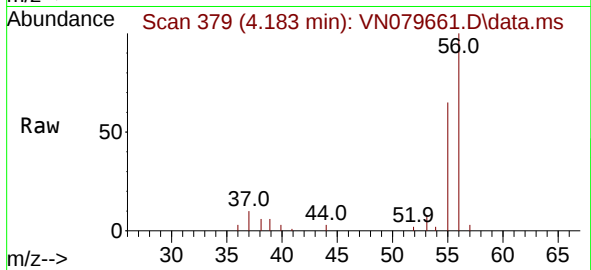
Tgt Ion: 96 Resp: 62367
Ion Ratio Lower Upper
96 100
61 175.8 112.7 169.1#
98 68.7 51.2 76.8





#13
Acrolein
Concen: 83.332 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

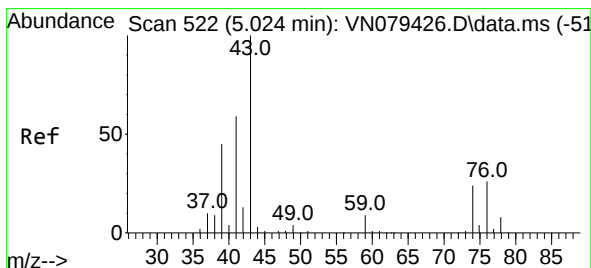
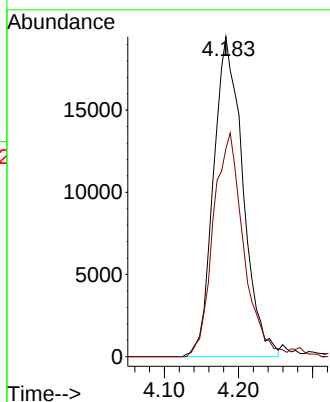
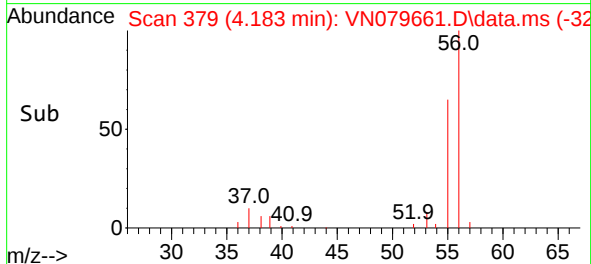
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



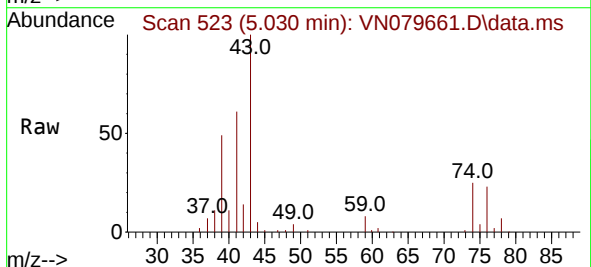
Tgt Ion: 56 Resp: 5354
Ion Ratio Lower Upper
56 100
55 72.3 54.5 81.7

Manual Integrations
APPROVED

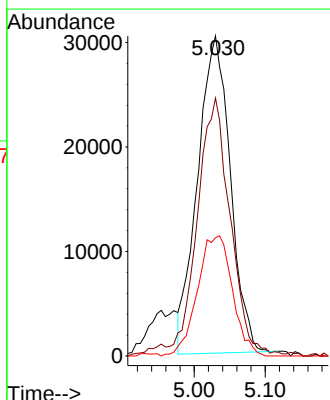
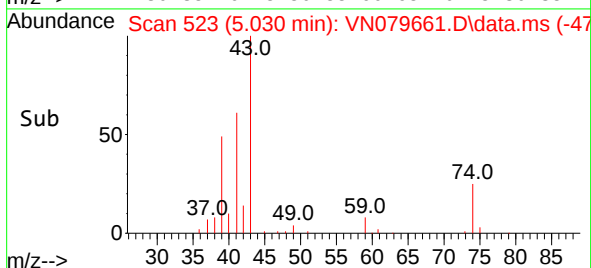
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

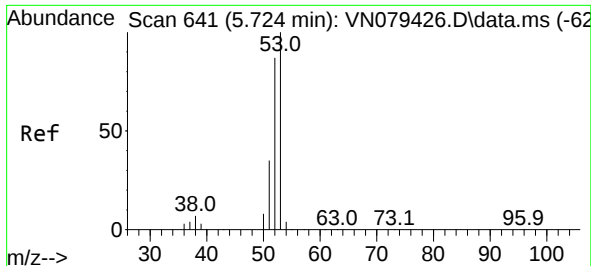


#14
Allyl chloride
Concen: 19.289 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50



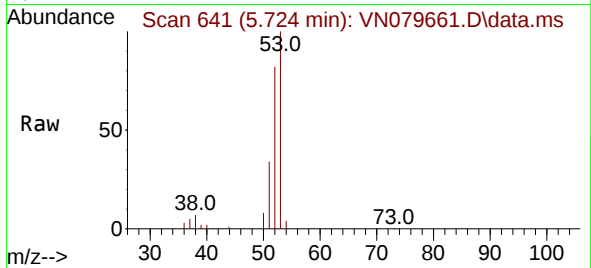
Tgt Ion: 41 Resp: 97250
Ion Ratio Lower Upper
41 100
39 80.3 58.8 88.2
76 40.4 39.1 58.7





#15
Acrylonitrile
Concen: 104.664 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

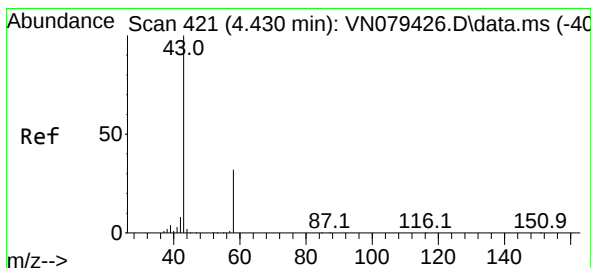
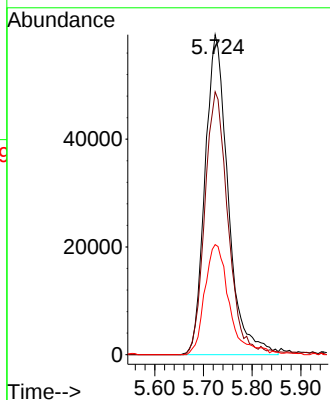
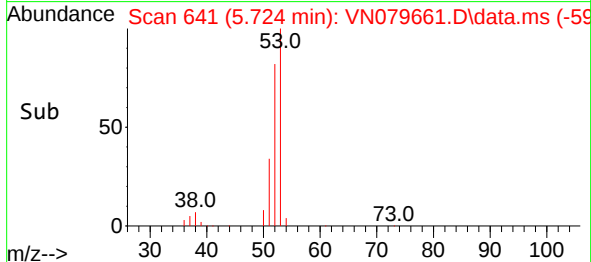
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



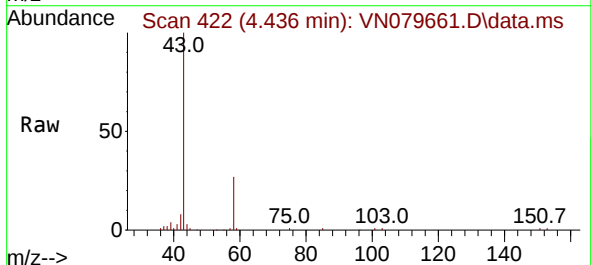
Tgt Ion: 53 Resp: 195810
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.8 28.9 43.3

Manual Integrations
APPROVED

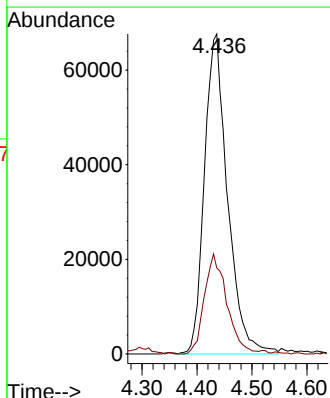
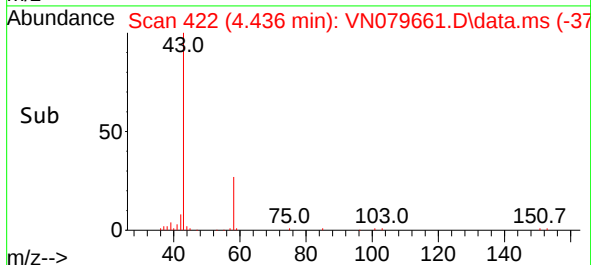
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

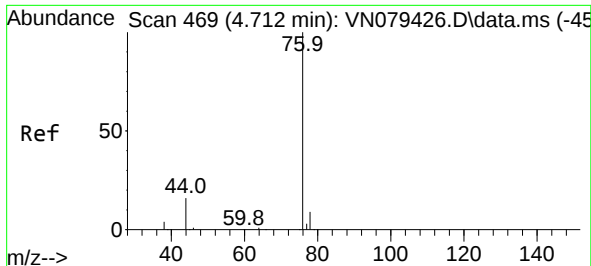


#16
Acetone
Concen: 116.281 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50



Tgt Ion: 43 Resp: 197744
Ion Ratio Lower Upper
43 100
58 26.9 28.0 42.0#





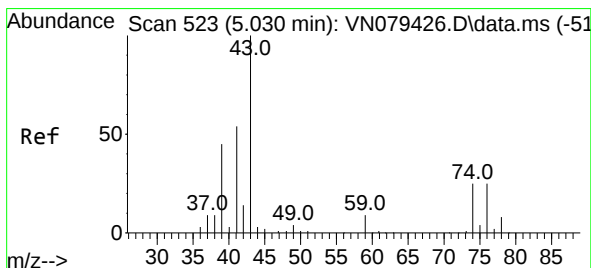
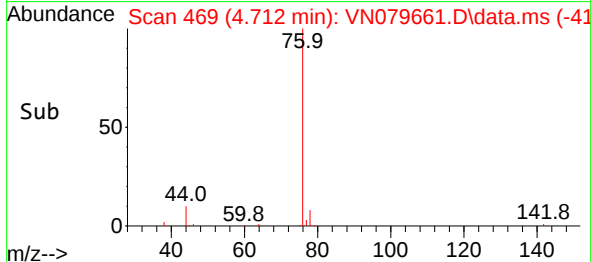
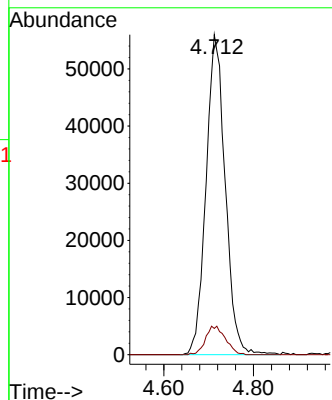
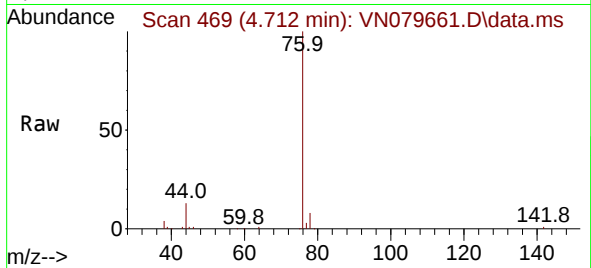
#17
Carbon Disulfide
Concen: 17.074 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 76 Resp: 166394
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

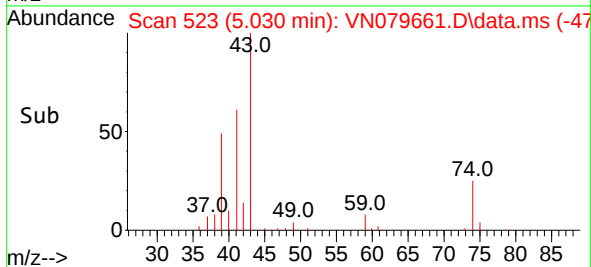
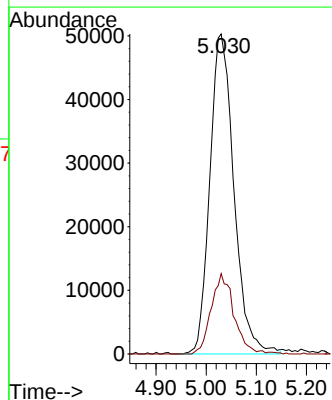
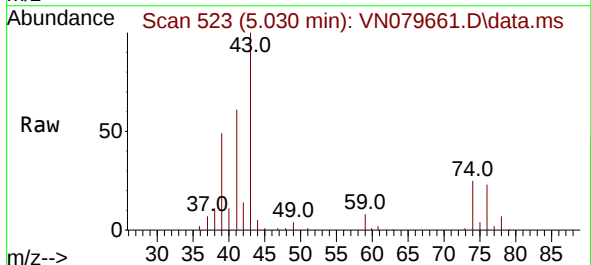
Manual Integrations
APPROVED

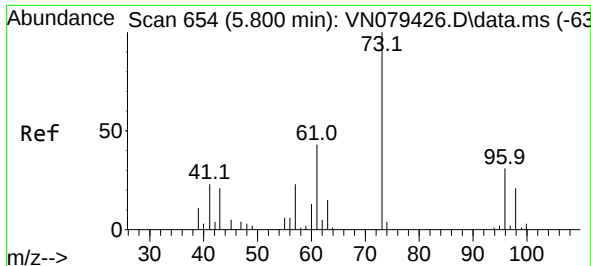
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#18
Methyl Acetate
Concen: 20.176 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 43 Resp: 167934
Ion Ratio Lower Upper
43 100
74 23.6 26.2 39.4#





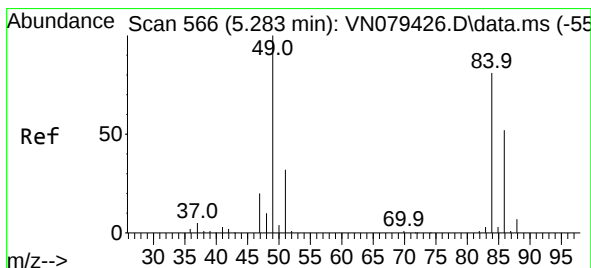
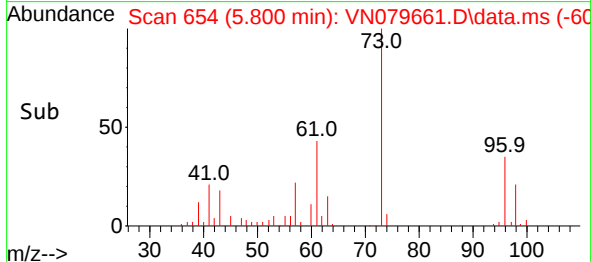
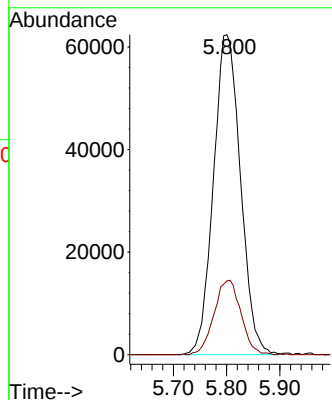
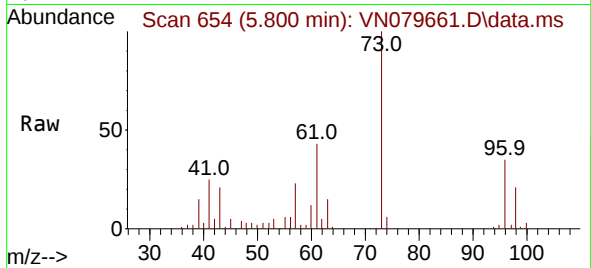
#19
Methyl tert-butyl Ether
Concen: 21.686 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 73 Resp: 22014
Ion Ratio Lower Upper
73 100
57 23.1 15.6 23.4

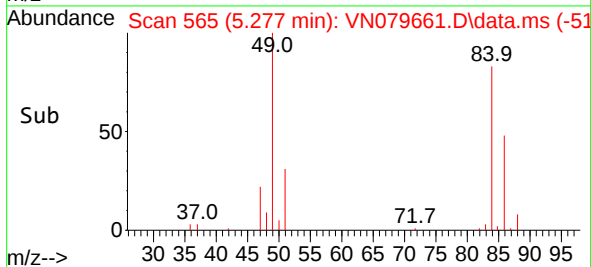
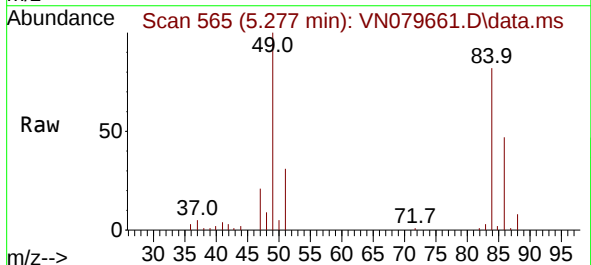
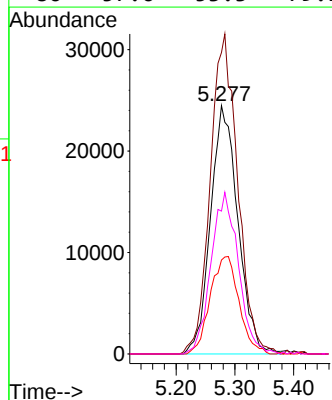
Manual Integrations
APPROVED

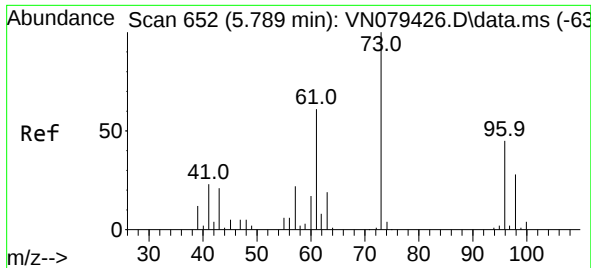
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#20
Methylene Chloride
Concen: 20.921 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 84 Resp: 79213
Ion Ratio Lower Upper
84 100
49 121.4 79.7 119.5#
51 37.8 25.2 37.8#
86 57.6 53.3 79.9





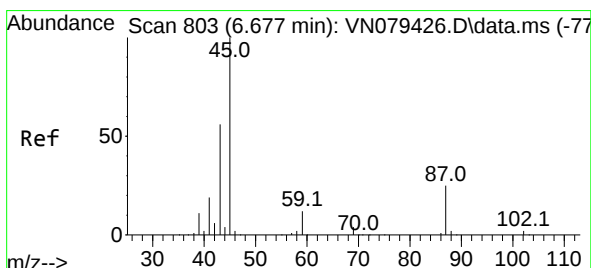
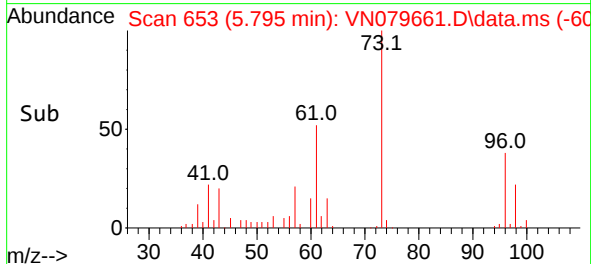
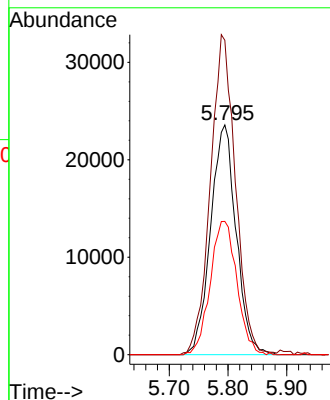
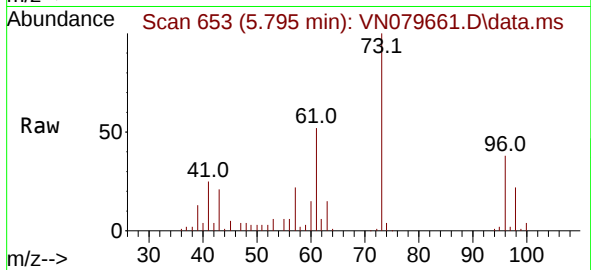
#21
trans-1,2-Dichloroethene
Concen: 19.513 ug/l
RT: 5.795 min Scan# 652
Delta R.T. 0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 96 Resp: 71200
Ion Ratio Lower Upper
96 100
61 136.9 90.1 135.1
98 58.0 46.4 69.6

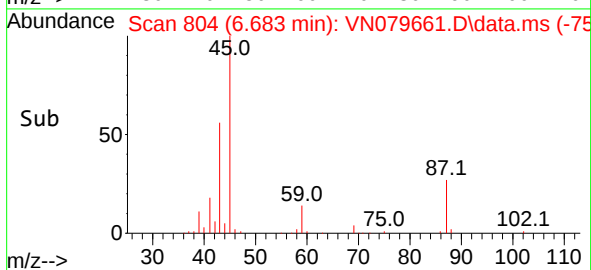
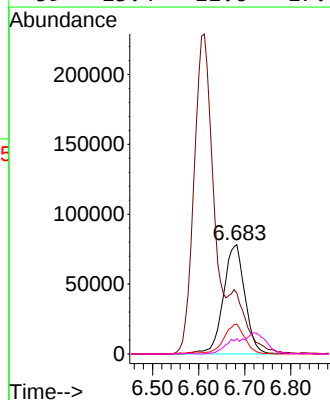
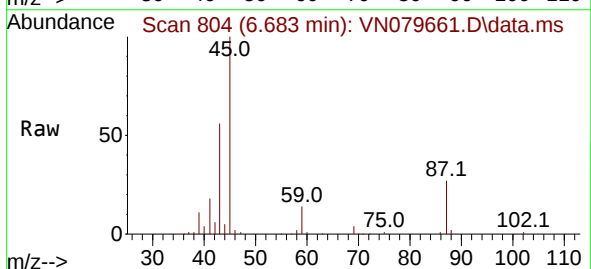
Manual Integrations
APPROVED

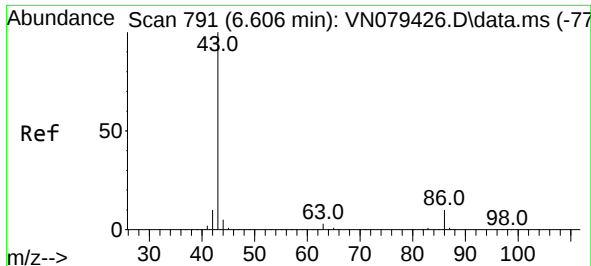
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#22
Diisopropyl ether
Concen: 22.402 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 45 Resp: 253264
Ion Ratio Lower Upper
45 100
43 53.3 45.5 68.3
87 27.4 31.8 47.8
59 13.4 11.6 17.4





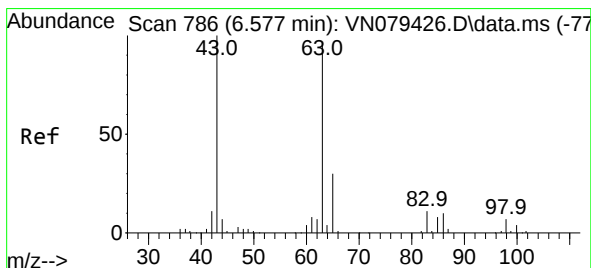
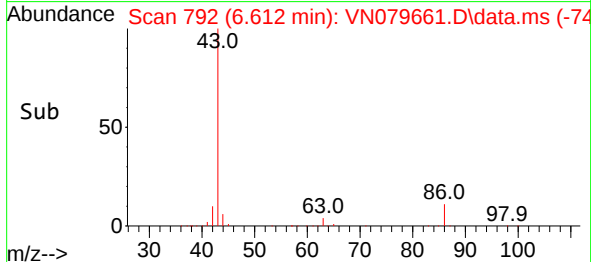
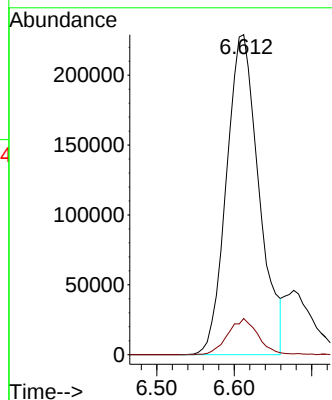
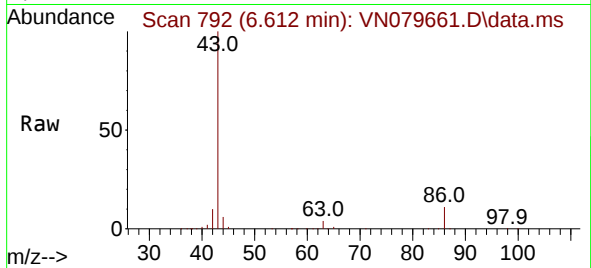
#23
 Vinyl Acetate
 Concen: 105.160 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079661.D
 Acq: 24 Oct 2023 16:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01

Tgt Ion: 43 Resp: 668748
 Ion Ratio Lower Upper
 43 100
 86 11.3 13.0 19.6

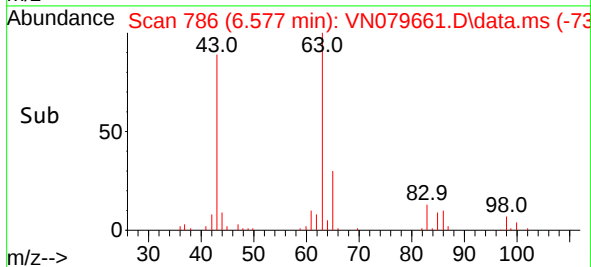
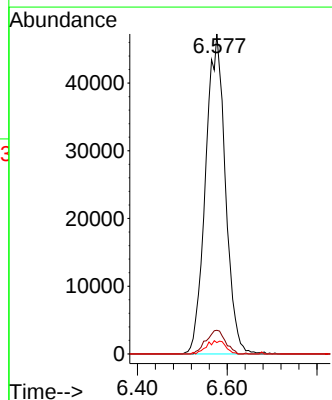
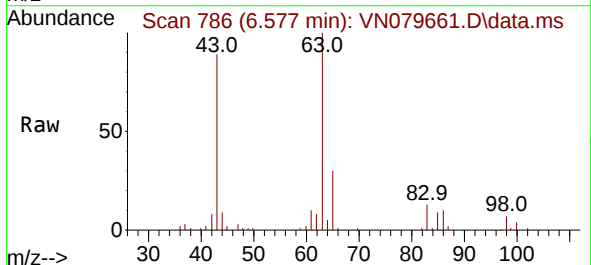
Manual Integrations
 APPROVED

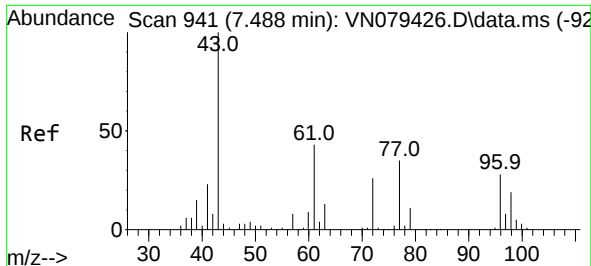
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#24
 1,1-Dichloroethane
 Concen: 20.938 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN079661.D
 Acq: 24 Oct 2023 16:50

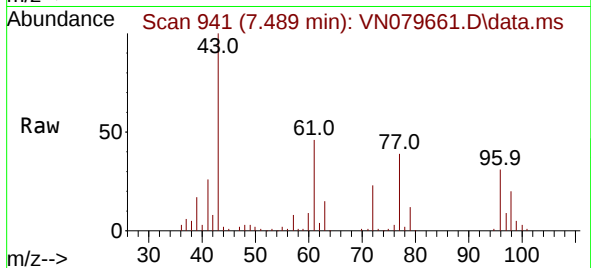
Tgt Ion: 63 Resp: 144875
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 3.6 2.5 7.4





#25
2-Butanone
Concen: 108.369 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

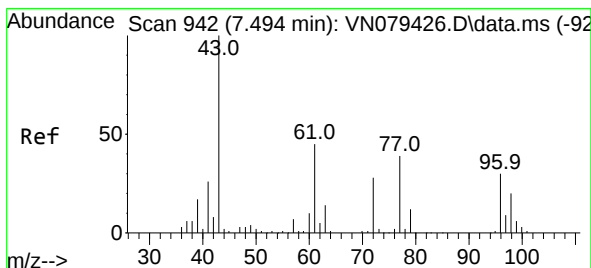
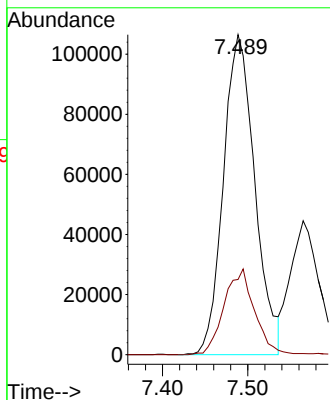
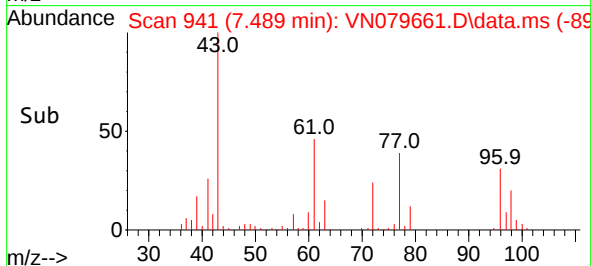
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



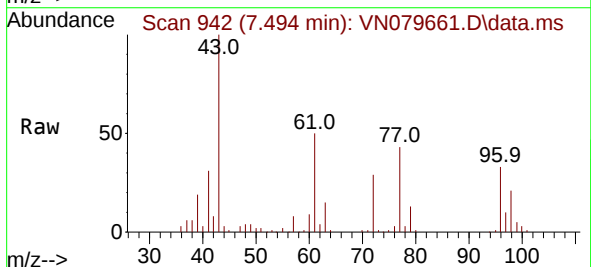
Tgt Ion: 43 Resp: 273520
Ion Ratio Lower Upper
43 100
72 23.5 30.2 45.2

Manual Integrations
APPROVED

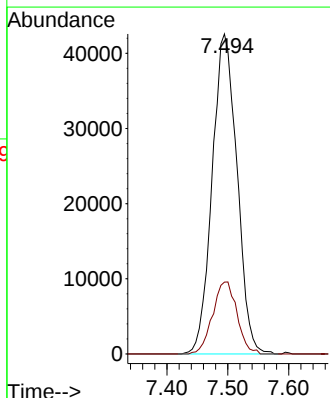
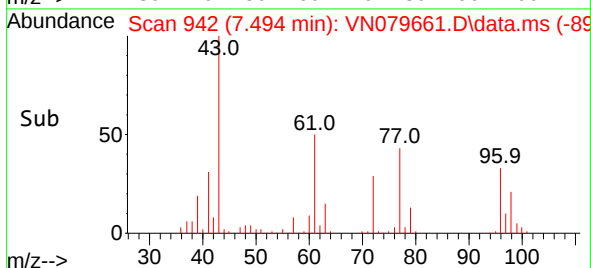
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

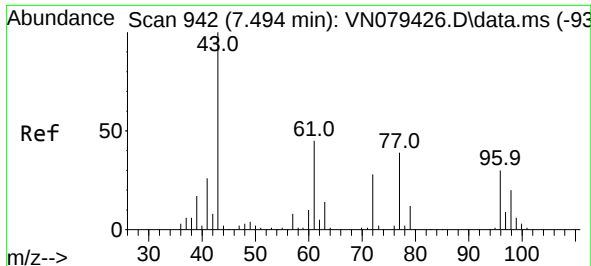


#26
2,2-Dichloropropane
Concen: 22.821 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50



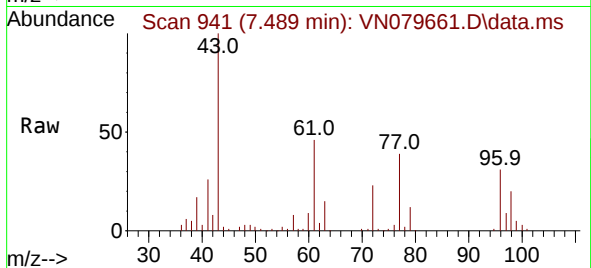
Tgt Ion: 77 Resp: 120670
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.287 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079661.D
 Acq: 24 Oct 2023 16:50

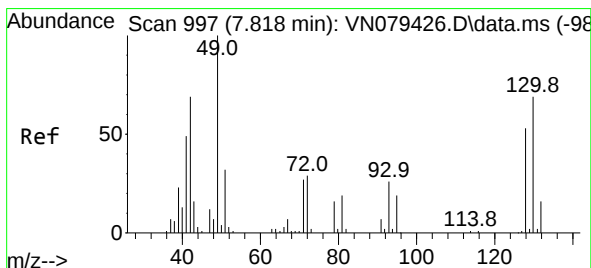
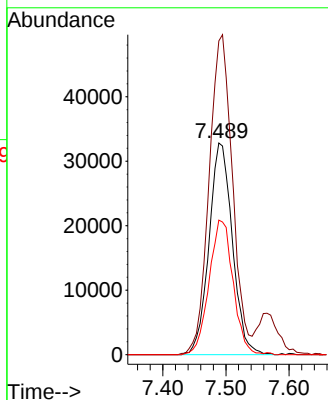
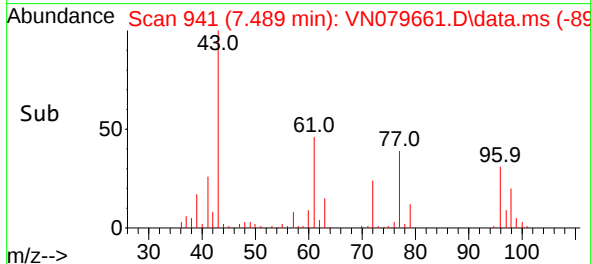
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01



Tgt Ion: 96 Resp: 8438
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 255.2
 98 65.1 0.0 128.8

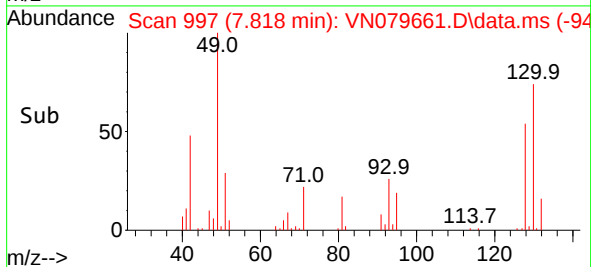
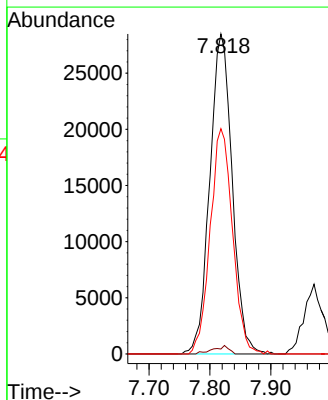
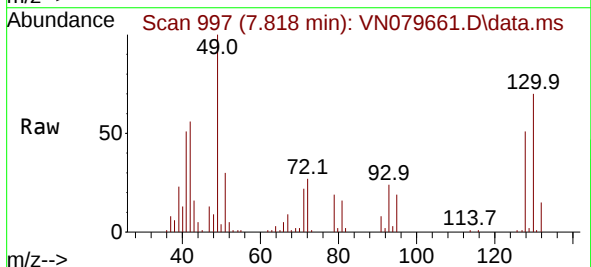
Manual Integrations
 APPROVED

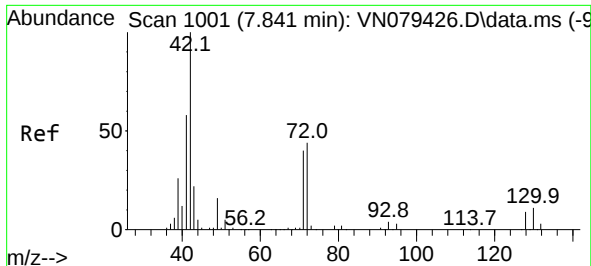
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#28
 Bromochloromethane
 Concen: 22.131 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079661.D
 Acq: 24 Oct 2023 16:50

Tgt Ion: 49 Resp: 72856
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 70.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 105.289 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 42 Resp: 171874

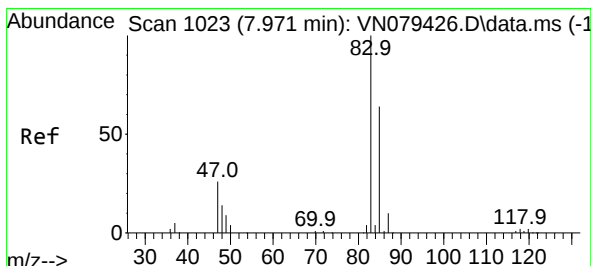
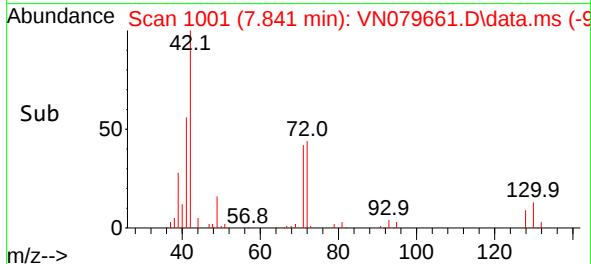
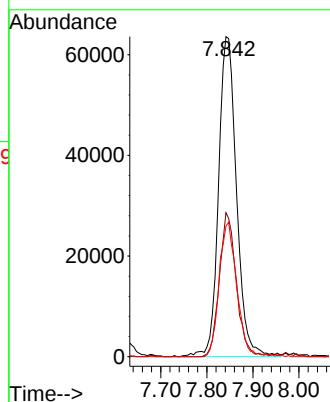
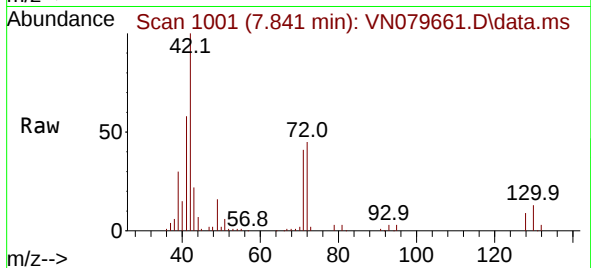
Ion	Ratio	Lower	Upper
42	100		
72	42.2	49.8	74.6
71	41.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#30

Chloroform

Concen: 21.763 ug/l

RT: 7.971 min Scan# 1023

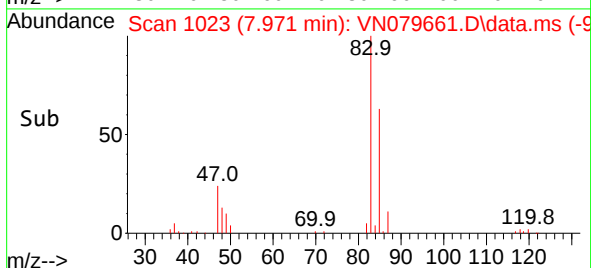
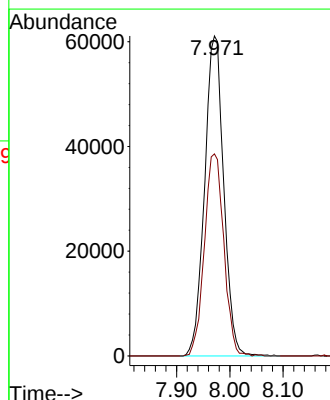
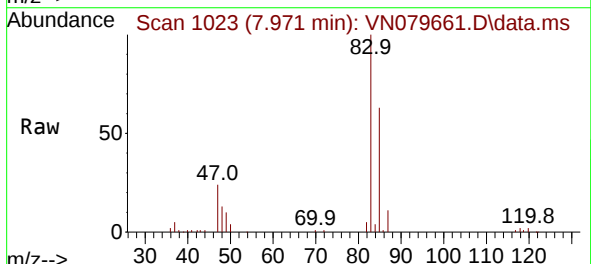
Delta R.T. 0.000 min

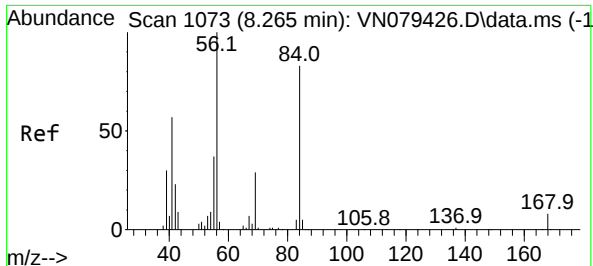
Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

Tgt Ion: 83 Resp: 152146

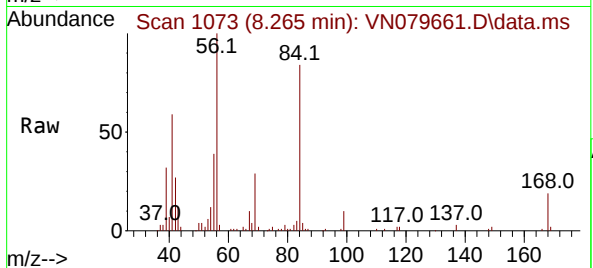
Ion	Ratio	Lower	Upper
83	100		
85	63.2	55.4	83.0





#31
Cyclohexane
Concen: 19.128 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

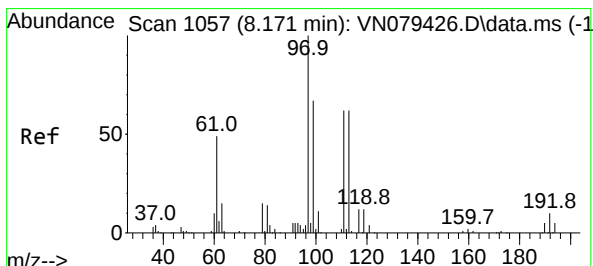
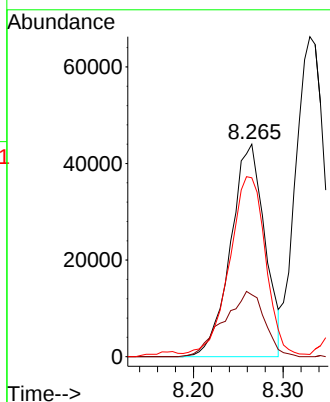
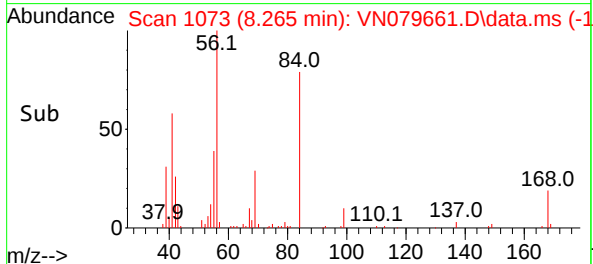
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



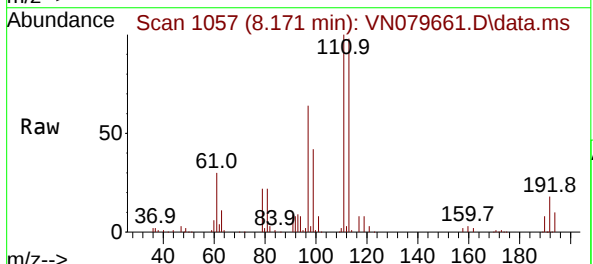
Tgt Ion: 56 Resp: 11633
Ion Ratio Lower Upper
56 100
69 29.2 26.8 40.2
84 82.7 81.8 122.6

Manual Integrations
APPROVED

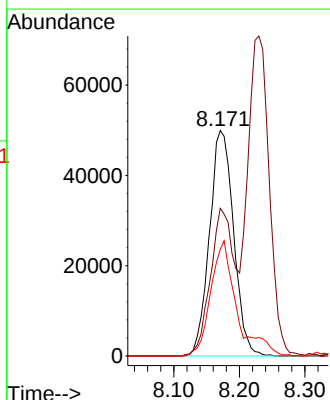
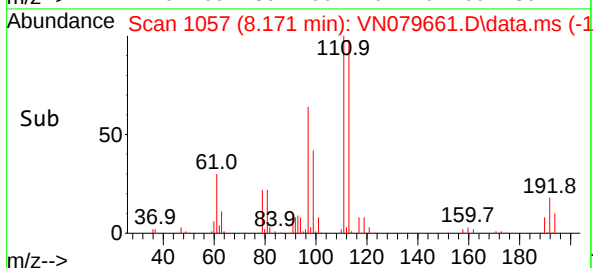
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

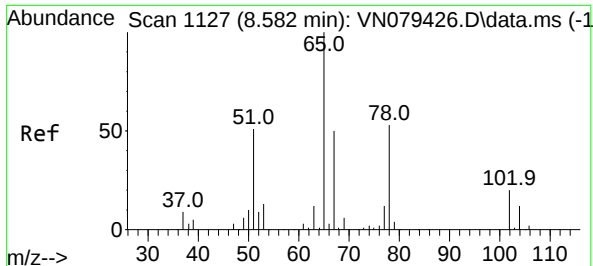


#32
1,1,1-Trichloroethane
Concen: 21.670 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50



Tgt Ion: 97 Resp: 127492
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 54.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.030 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 65 Resp: 231650

Ion Ratio Lower Upper

65 100

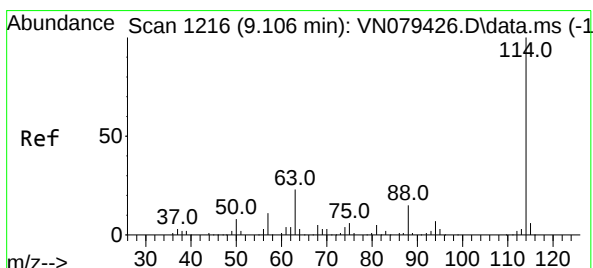
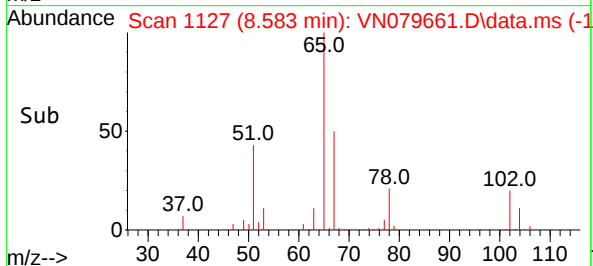
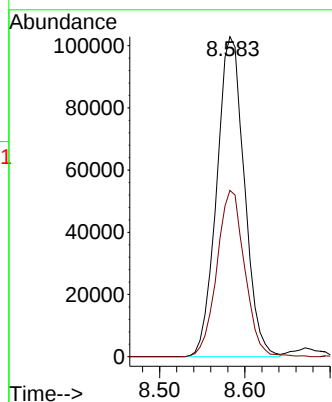
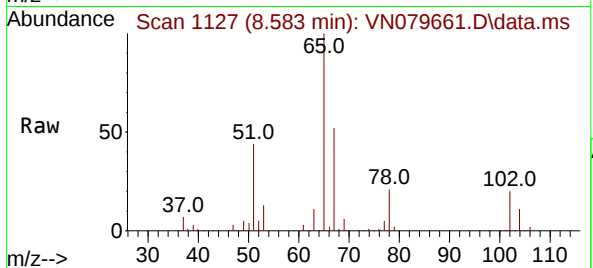
67 52.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

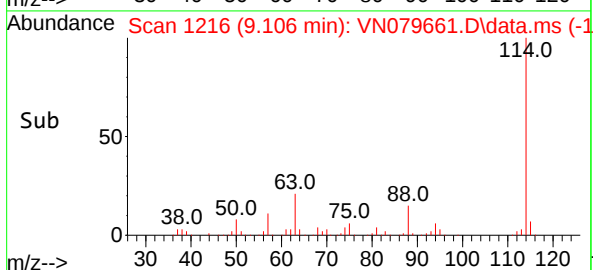
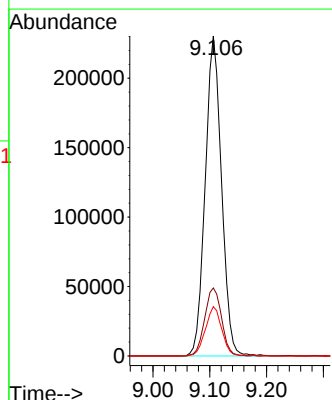
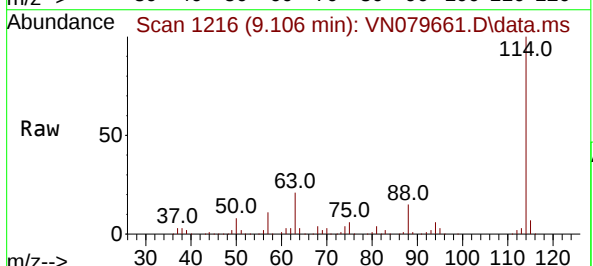
Tgt Ion:114 Resp: 458465

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.356 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 113 Resp: 18238

Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

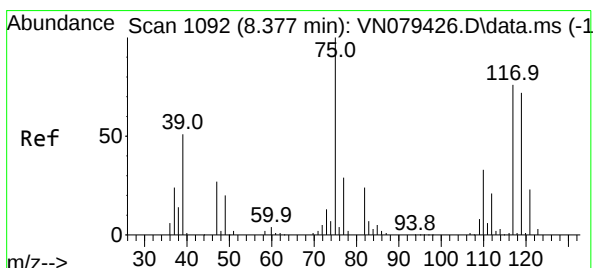
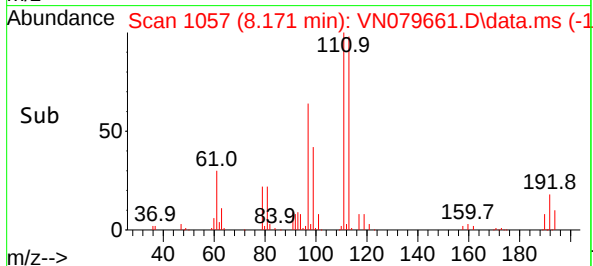
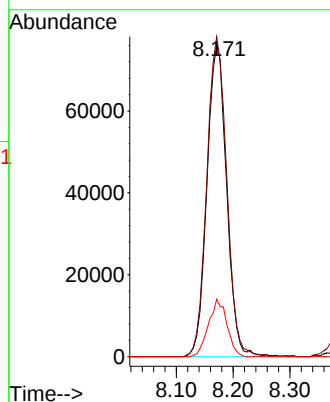
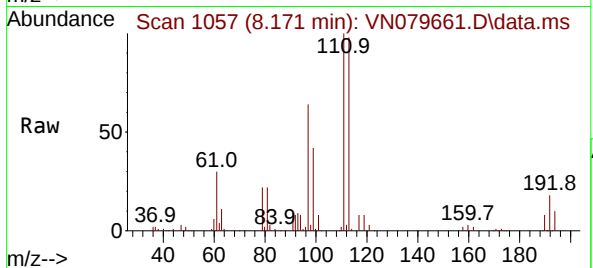
192 17.3 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#36

1,1-Dichloropropene

Concen: 21.831 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

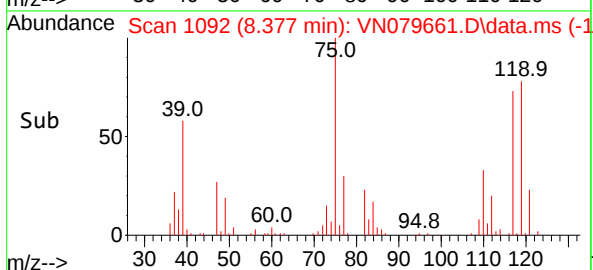
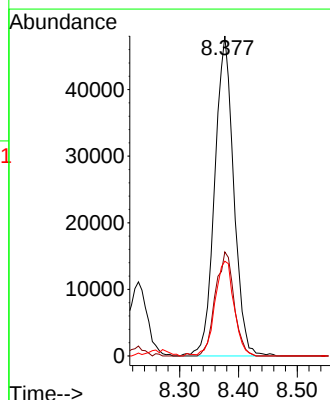
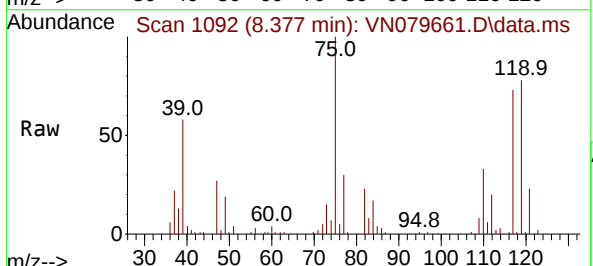
Tgt Ion: 75 Resp: 107950

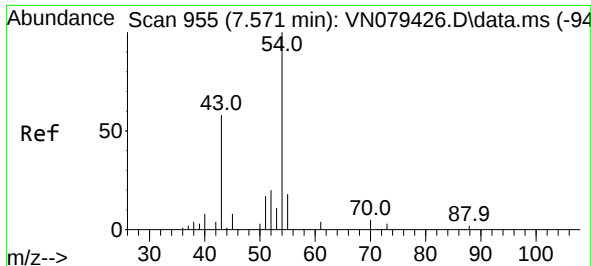
Ion Ratio Lower Upper

75 100

110 31.9 19.1 57.3

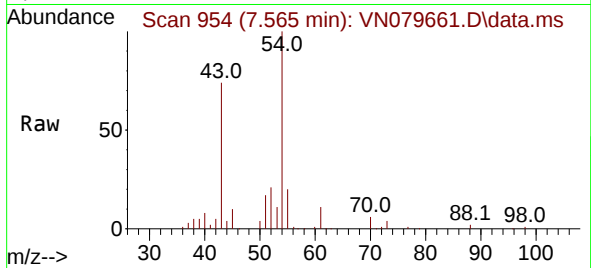
77 30.0 25.0 37.4





#37
Ethyl Acetate
Concen: 21.834 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

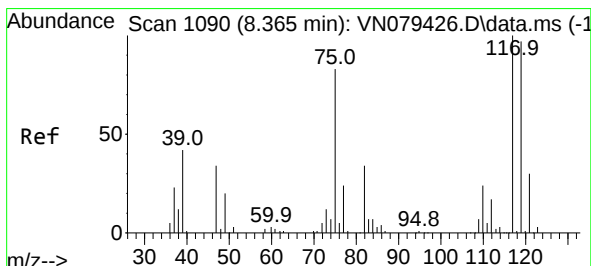
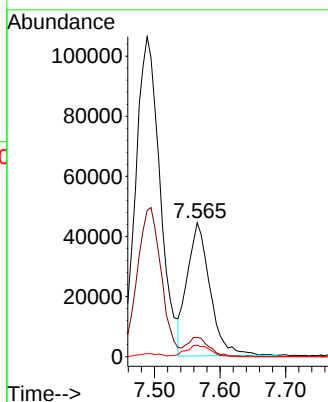
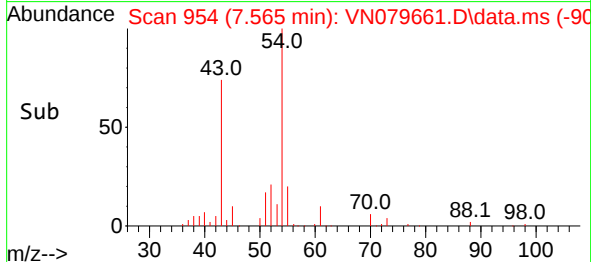
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 43 Resp: 10743
Ion Ratio Lower Upper
43 100
61 13.8 13.2 19.8
70 9.1 11.3 16.9

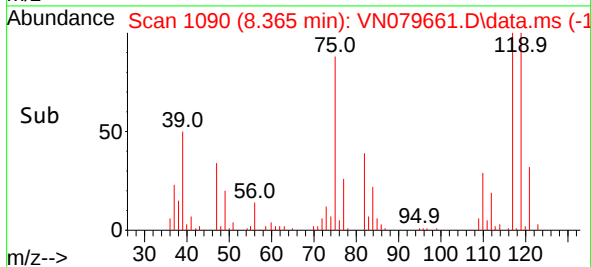
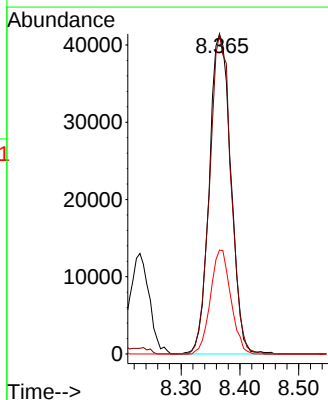
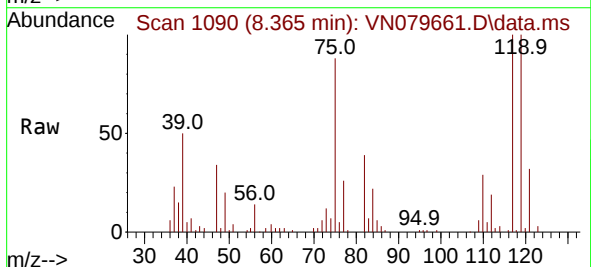
Manual Integrations
APPROVED

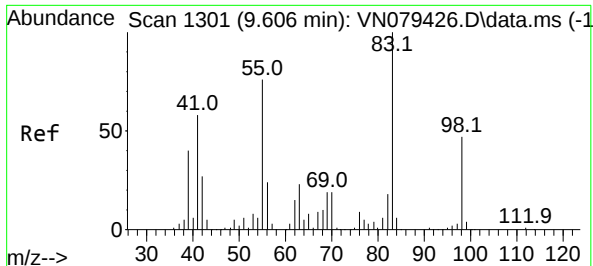
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#38
Carbon Tetrachloride
Concen: 21.323 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion:117 Resp: 105554
Ion Ratio Lower Upper
117 100
119 99.9 77.3 115.9
121 32.4 23.3 34.9





#39

Methylcyclohexane

Concen: 20.178 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 83 Resp: 9586

Ion Ratio Lower Upper

83 100

55 79.2 49.1 73.7

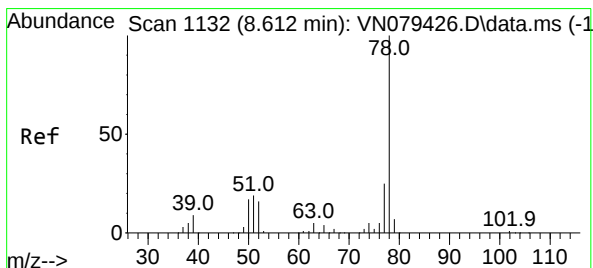
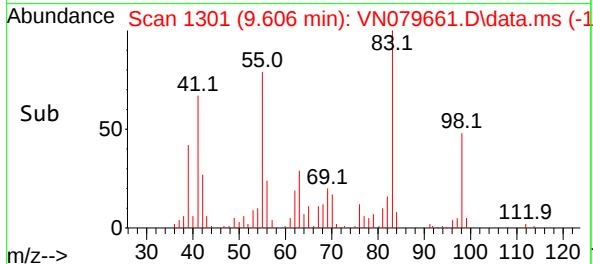
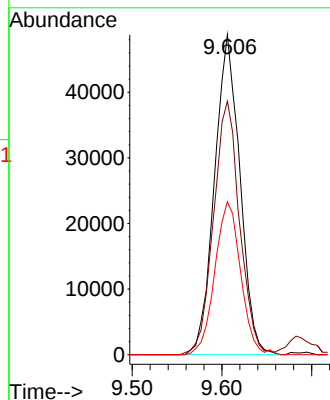
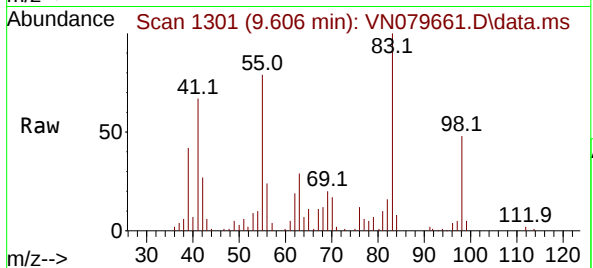
98 47.8 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#40

Benzene

Concen: 21.996 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079661.D

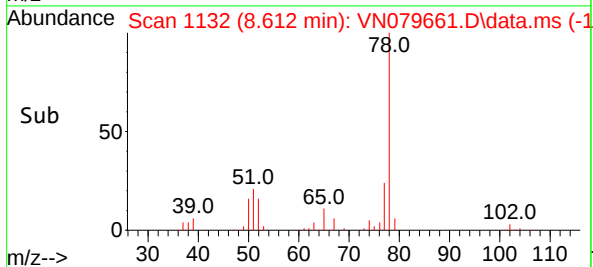
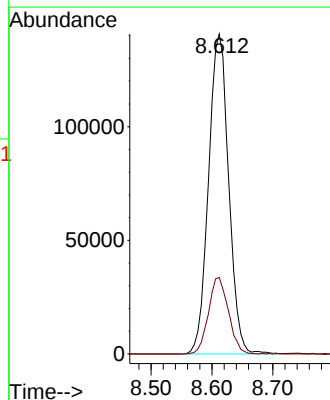
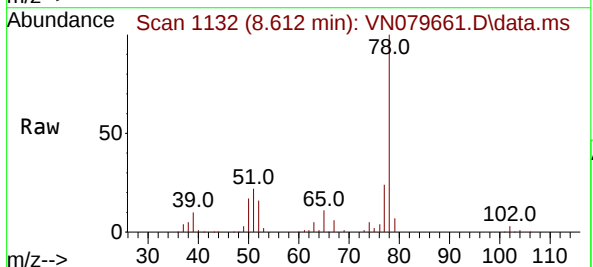
Acq: 24 Oct 2023 16:50

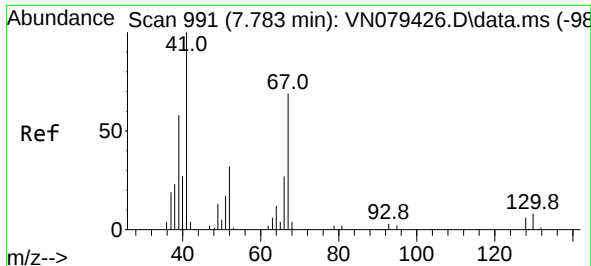
Tgt Ion: 78 Resp: 323026

Ion Ratio Lower Upper

78 100

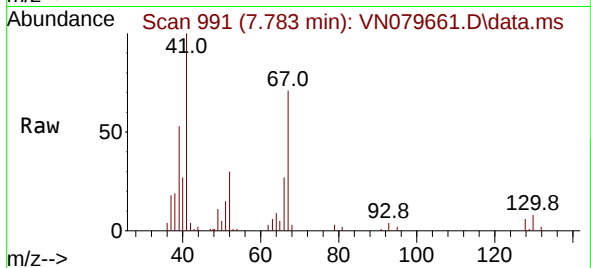
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 21.012 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

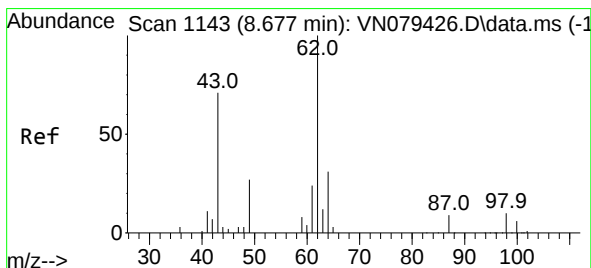
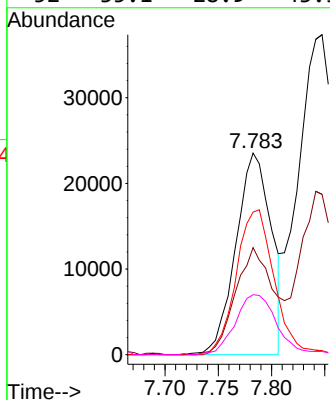
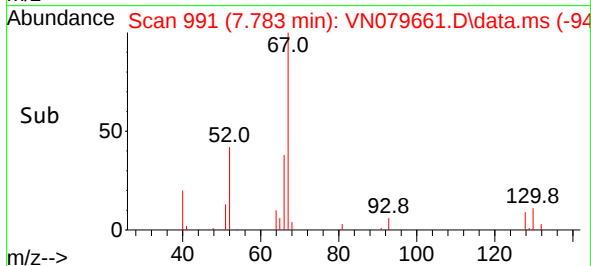
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 41 Resp: 54354
Ion Ratio Lower Upper
41 100
39 57.8 42.6 64.0
67 77.3 77.5 116.3
52 35.1 28.9 43.3

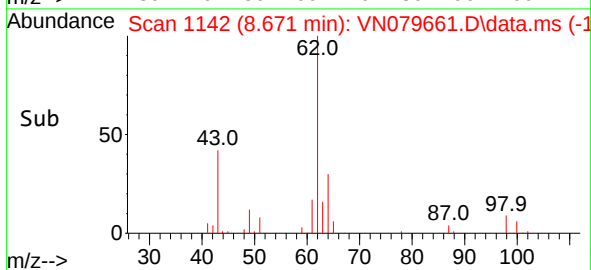
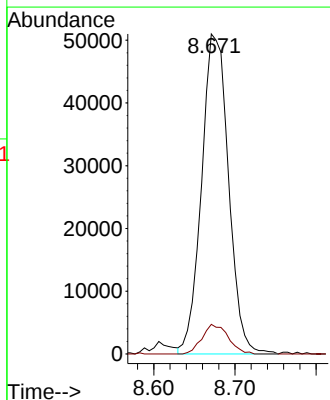
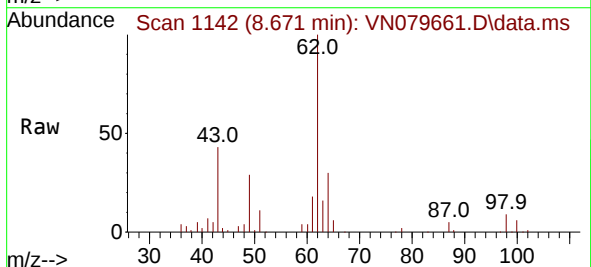
Manual Integrations
APPROVED

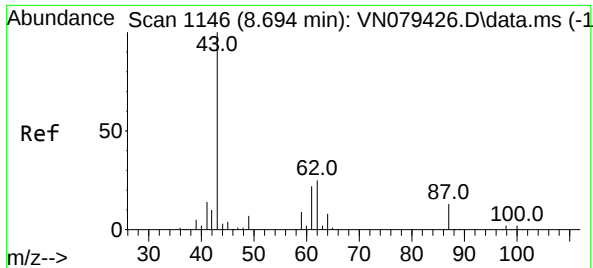
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#42
1,2-Dichloroethane
Concen: 22.088 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 62 Resp: 117862
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





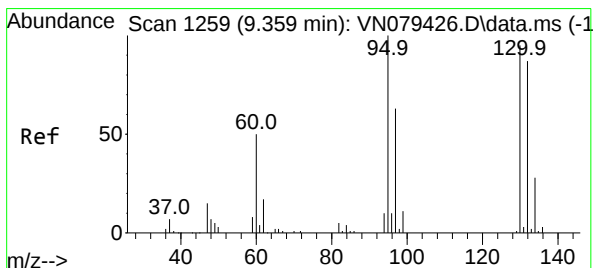
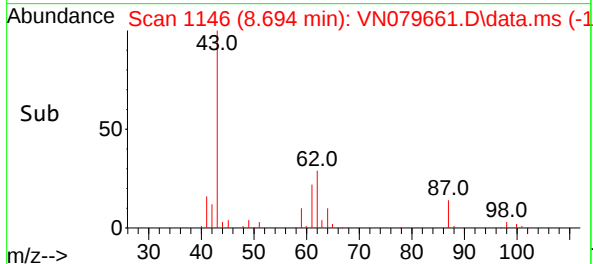
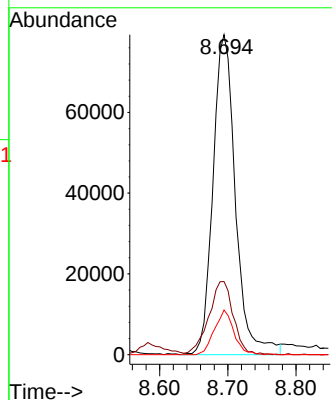
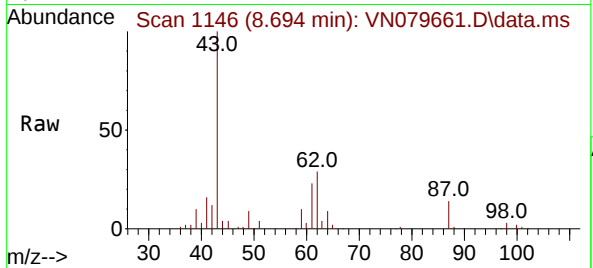
#43
Isopropyl Acetate
Concen: 21.112 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 43 Resp: 181989
Ion Ratio Lower Upper
43 100
61 25.0 24.7 37.1
87 12.0 14.6 21.8

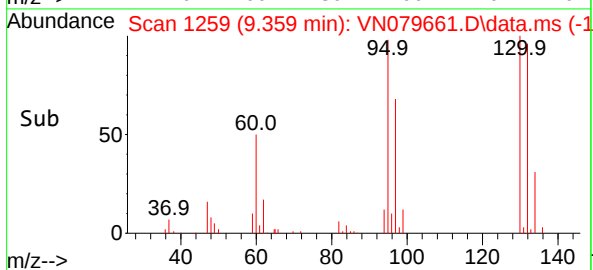
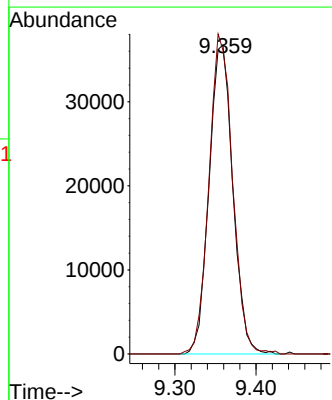
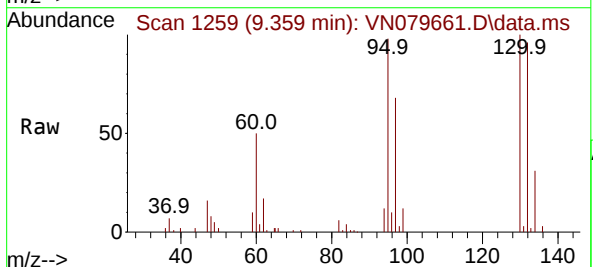
Manual Integrations
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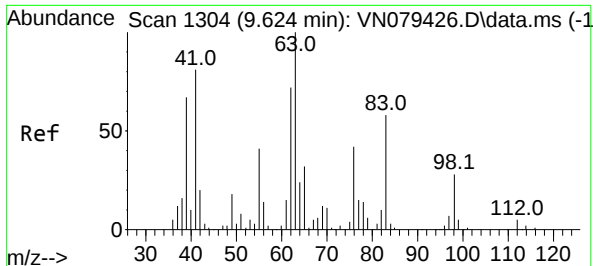
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#44
Trichloroethene
Concen: 21.633 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion:130 Resp: 74774
Ion Ratio Lower Upper
130 100
95 98.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 22.635 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 63 Resp: 8758

Ion Ratio Lower Upper

63 100

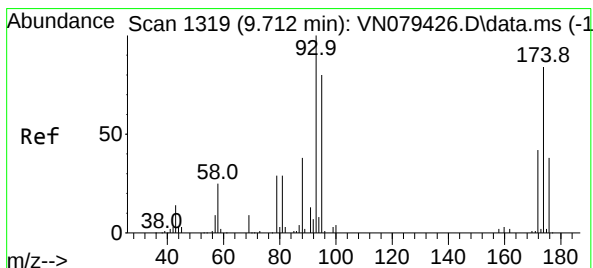
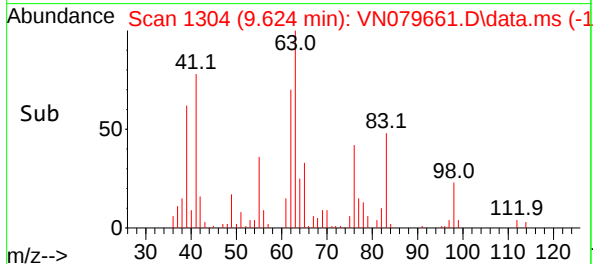
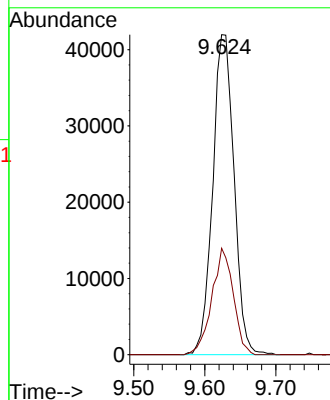
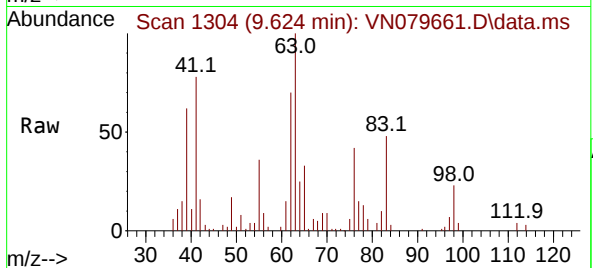
65 33.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#46

Dibromomethane

Concen: 22.698 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

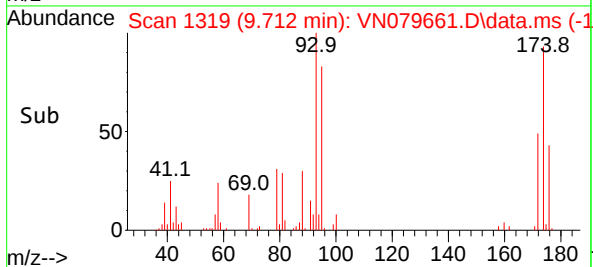
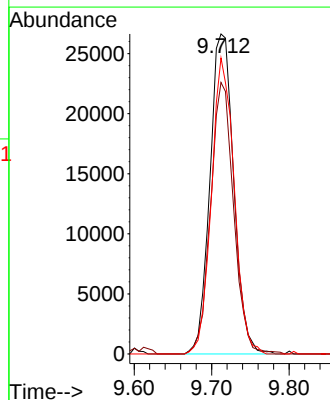
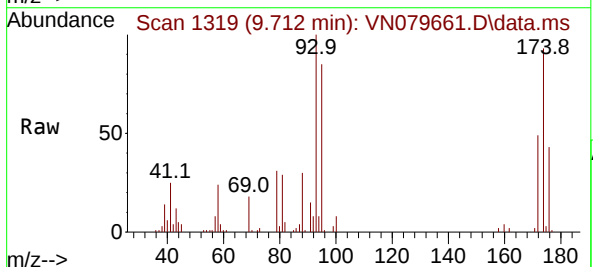
Tgt Ion: 93 Resp: 56880

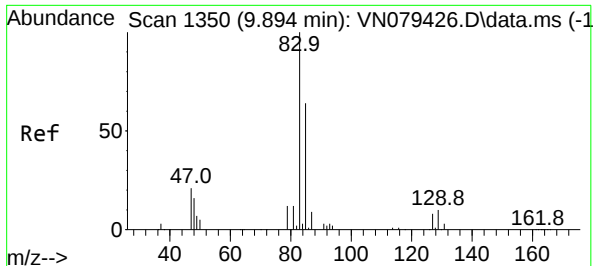
Ion Ratio Lower Upper

93 100

95 82.3 63.8 95.8

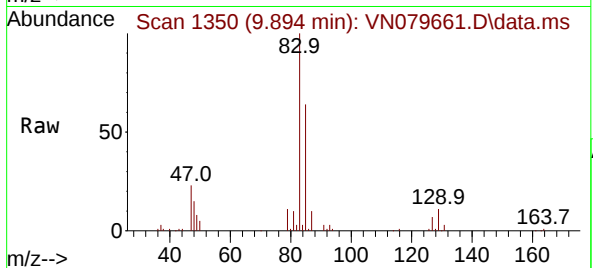
174 88.3 65.6 98.4





#47
Bromodichloromethane
Concen: 23.016 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

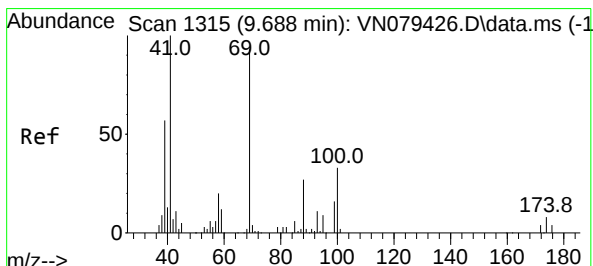
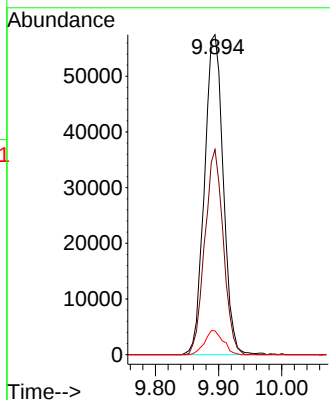
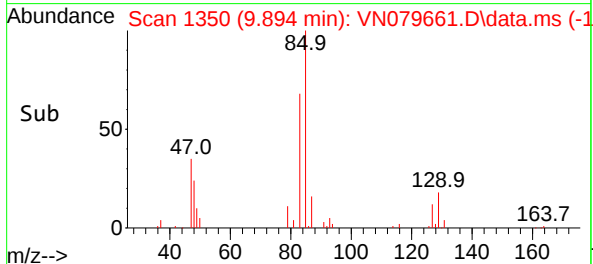
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 83 Resp: 11864
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4
127 7.4 7.0 10.6

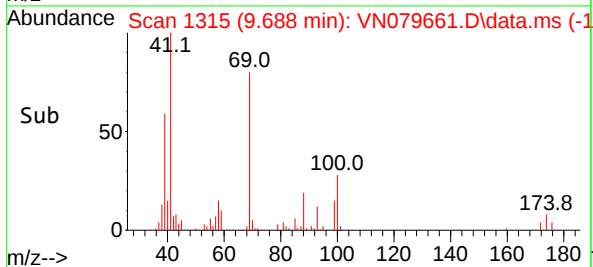
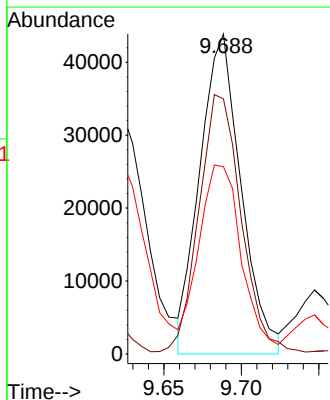
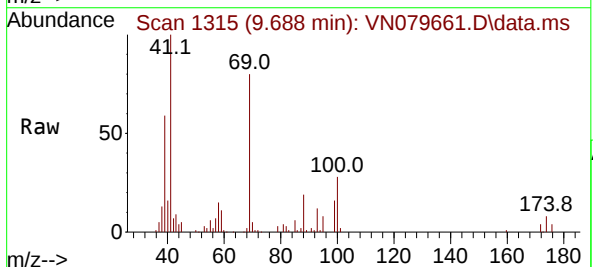
Manual Integrations
APPROVED

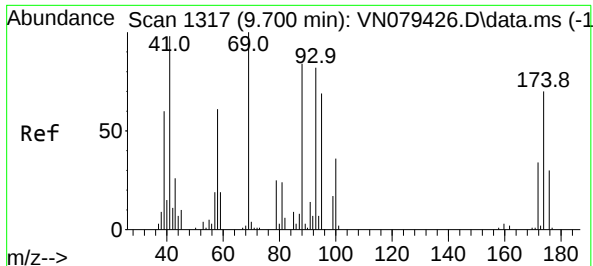
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#48
Methyl methacrylate
Concen: 21.944 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 41 Resp: 81060
Ion Ratio Lower Upper
41 100
69 82.5 90.4 135.6
39 61.5 54.6 81.8





#49

1,4-Dioxane

Concen: 417.252 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 88 Resp: 28390

Ion Ratio Lower Upper

88 100

43 31.1 17.0 25.6

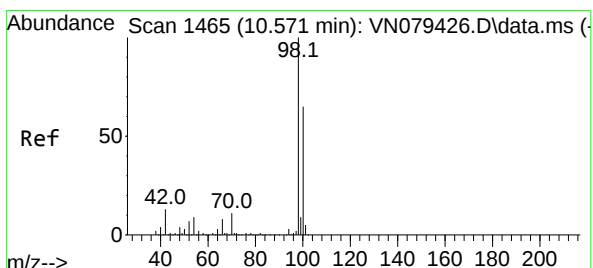
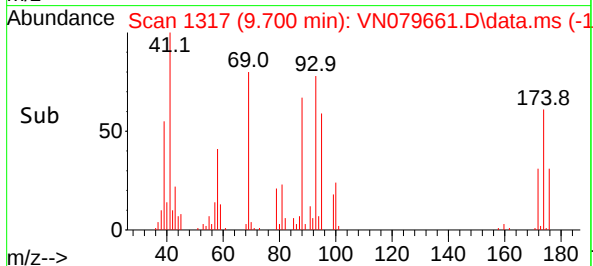
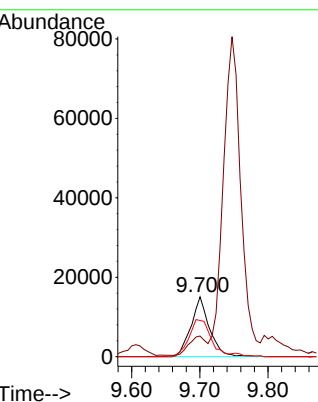
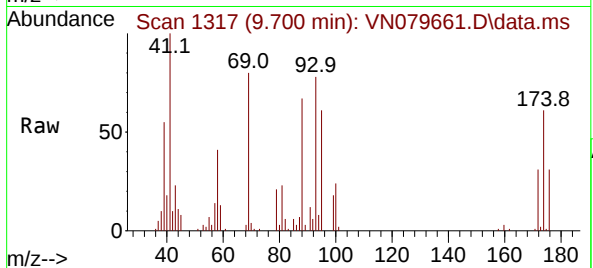
58 76.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#50

Toluene-d8

Concen: 56.468 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079661.D

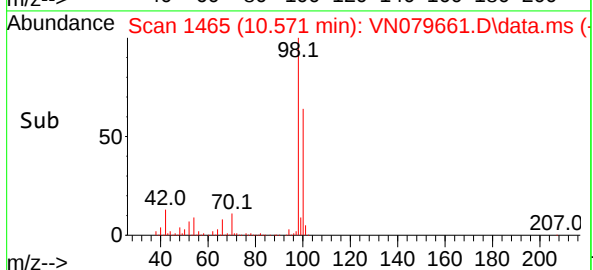
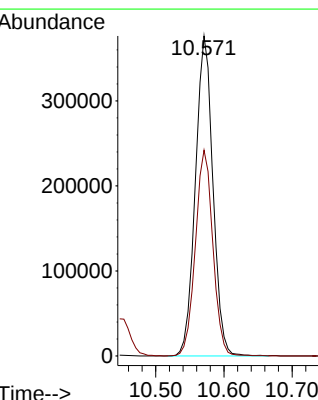
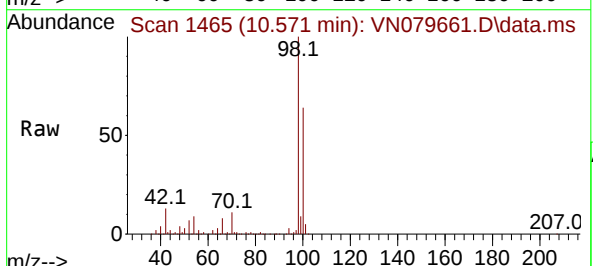
Acq: 24 Oct 2023 16:50

Tgt Ion: 98 Resp: 673170

Ion Ratio Lower Upper

98 100

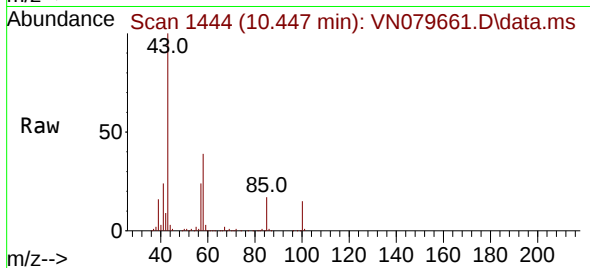
100 64.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 111.526 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

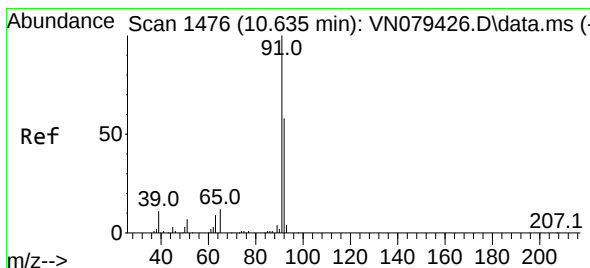
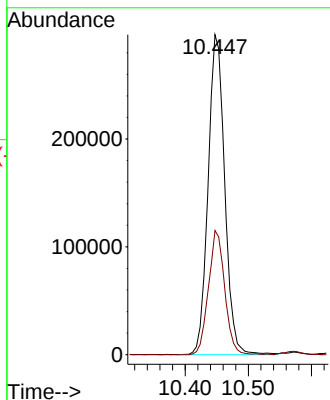
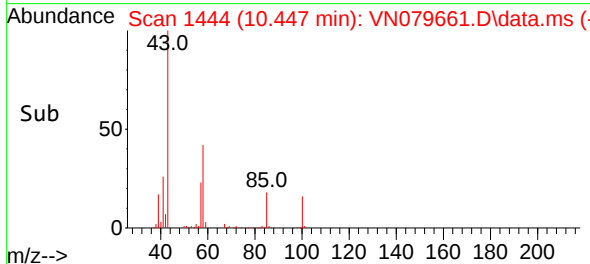
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



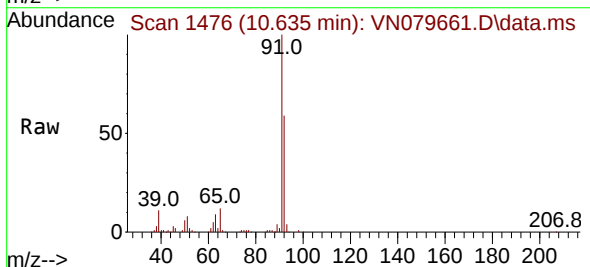
Tgt Ion: 43 Resp: 542698
Ion Ratio Lower Upper
43 100
58 37.9 36.6 54.8

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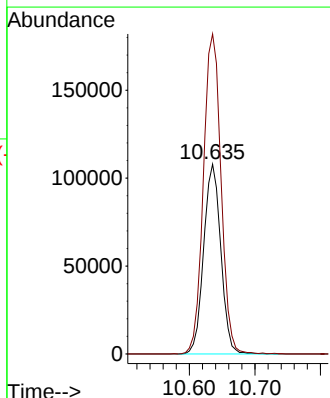
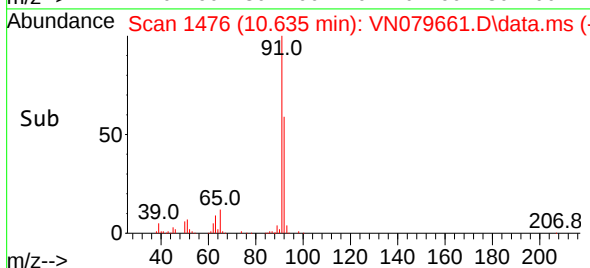
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

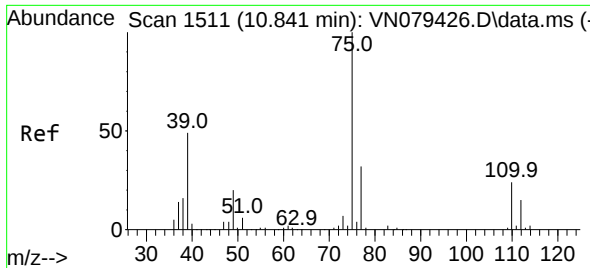


#52
Toluene
Concen: 22.668 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50



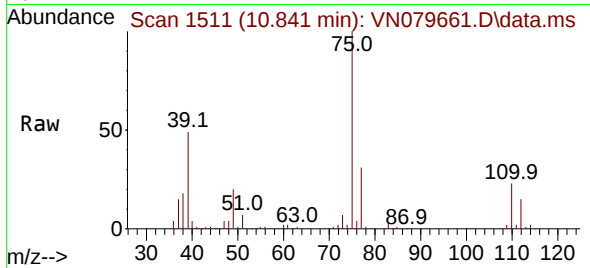
Tgt Ion: 92 Resp: 195950
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 22.837 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

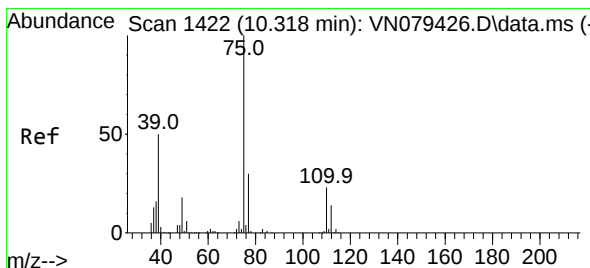
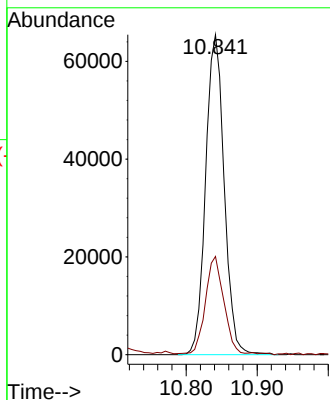
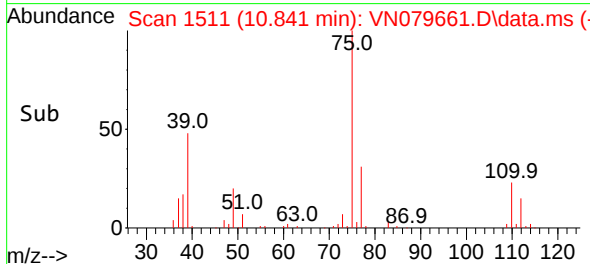
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



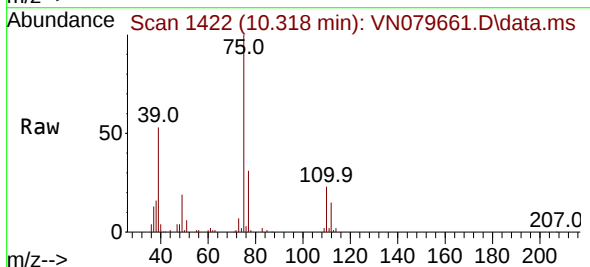
Tgt Ion: 75 Resp: 118632
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0

Manual Integrations
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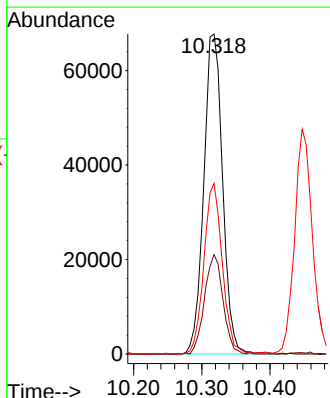
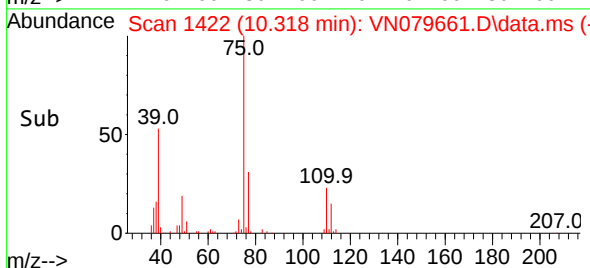
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

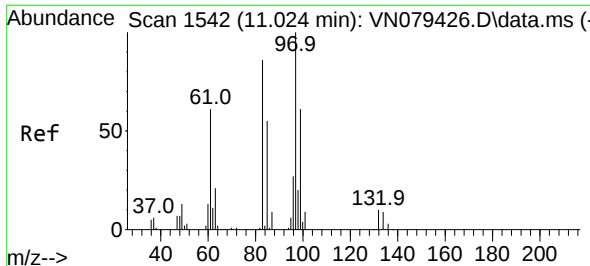


#54
cis-1,3-Dichloropropene
Concen: 22.897 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50



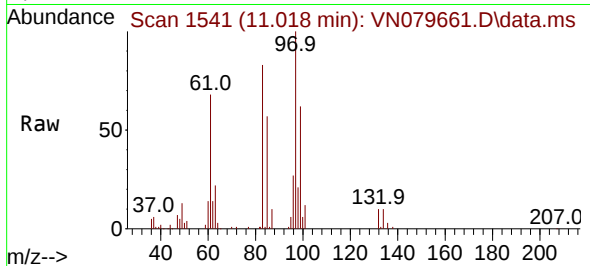
Tgt Ion: 75 Resp: 130210
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 53.3 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 22.496 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

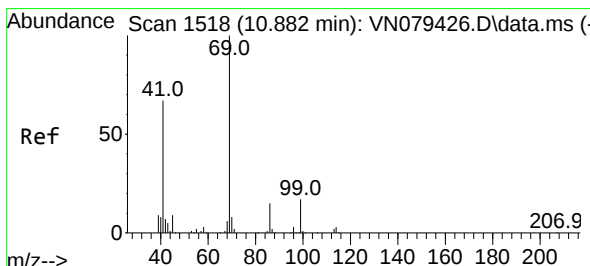
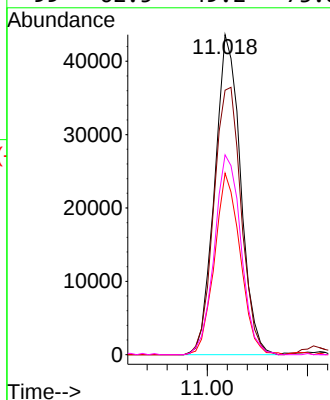
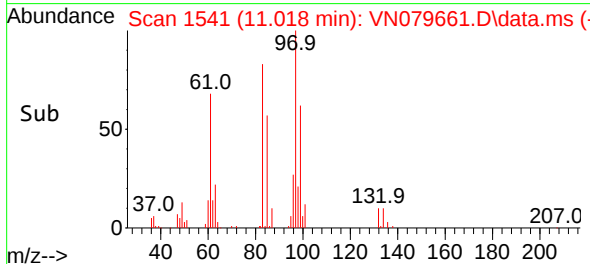
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 97	Resp: 78070
Ion Ratio	Lower Upper
97	100
83	82.7 65.1 97.7
85	56.7 43.4 65.2
99	62.5 49.2 73.8

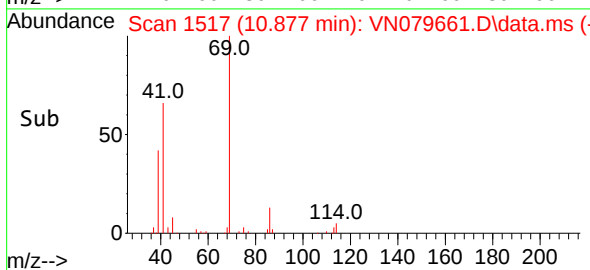
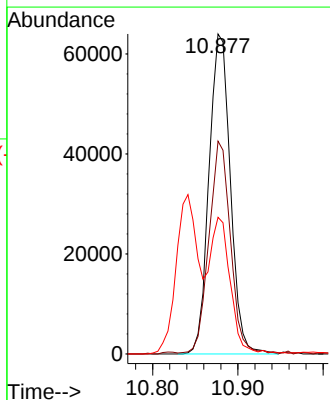
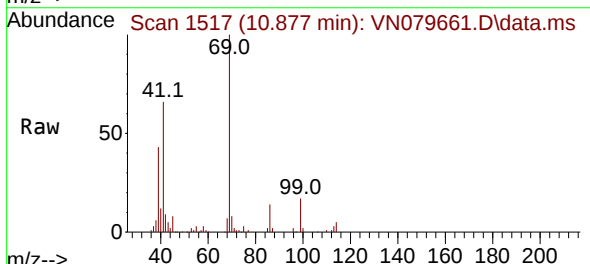
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#56
Ethyl methacrylate
Concen: 23.381 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 69	Resp: 111498
Ion Ratio	Lower Upper
69	100
41	66.3 39.6 59.4#
39	41.1 28.6 43.0





#57

1,3-Dichloropropane

Concen: 22.733 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 76 Resp: 13623

Ion Ratio Lower Upper

76 100

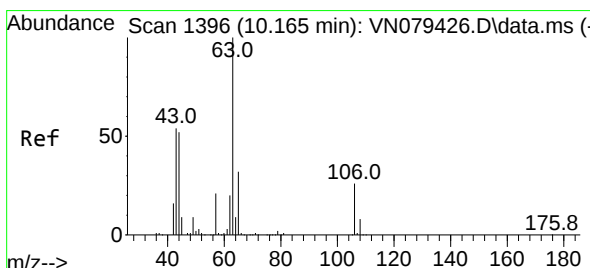
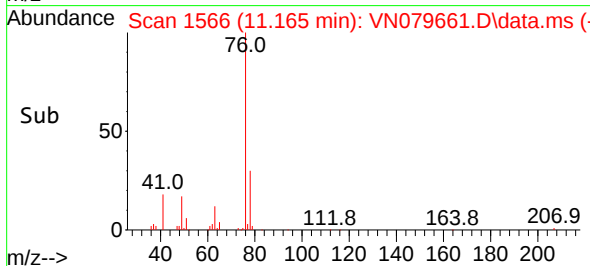
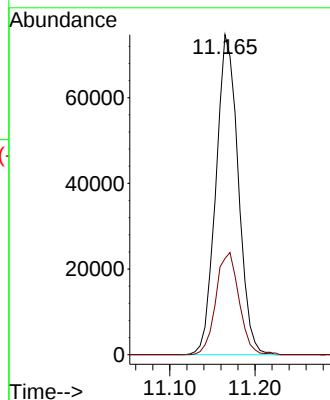
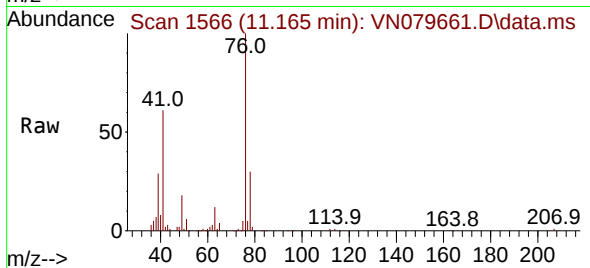
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 109.577 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079661.D

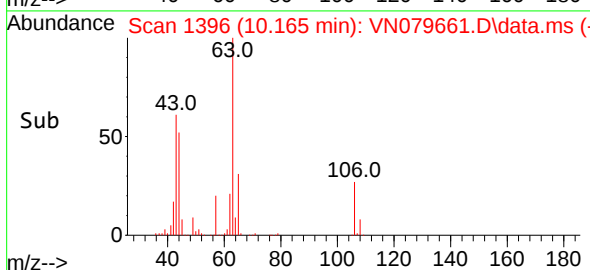
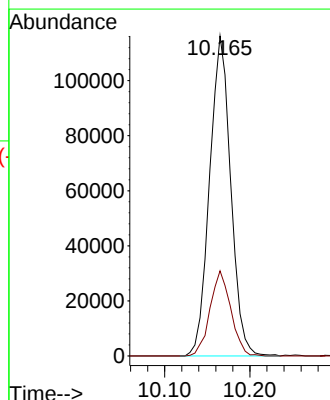
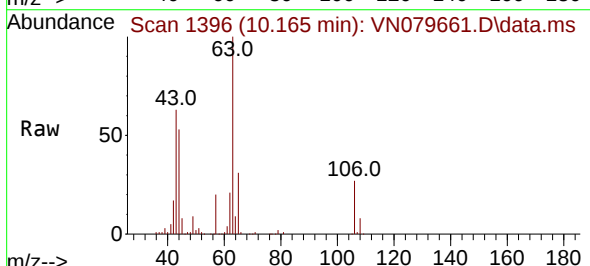
Acq: 24 Oct 2023 16:50

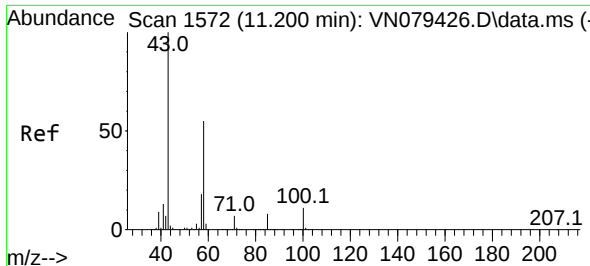
Tgt Ion: 63 Resp: 200119

Ion Ratio Lower Upper

63 100

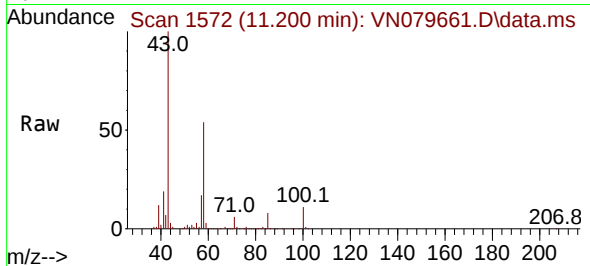
106 26.2 26.2 39.4#





#59
2-Hexanone
Concen: 112.006 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

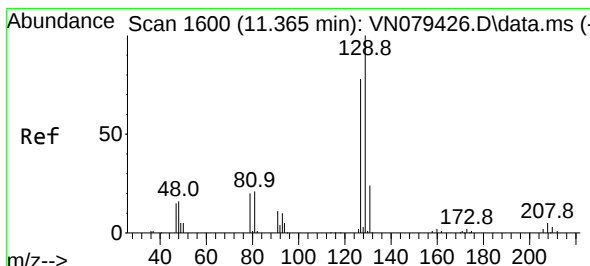
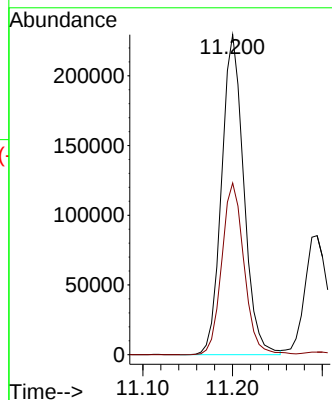
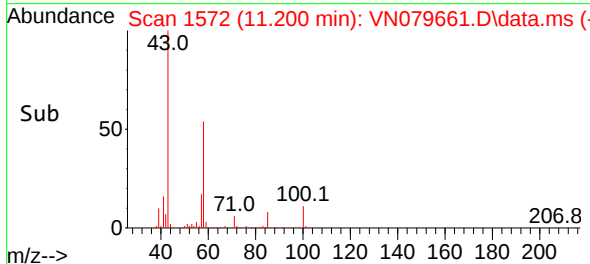
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 43 Resp: 39330
Ion Ratio Lower Upper
43 100
58 53.9 31.7 95.1

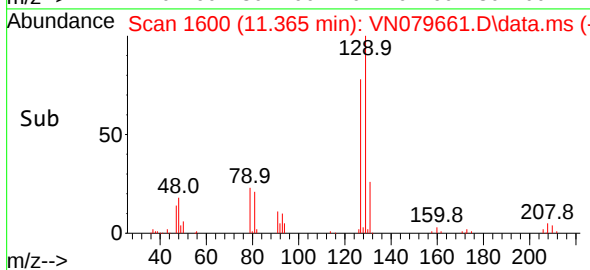
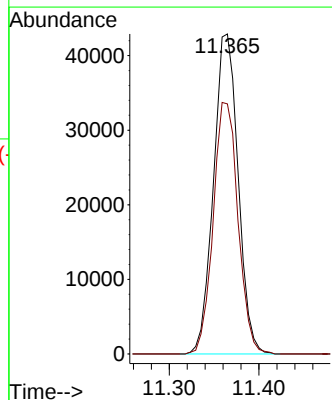
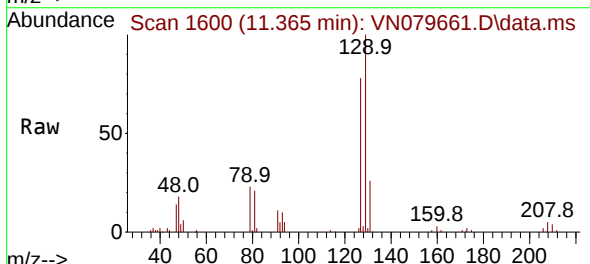
Manual Integrations
APPROVED

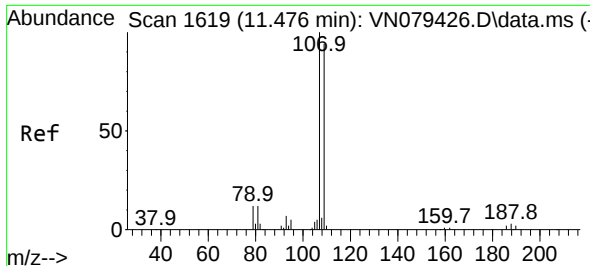
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#60
Dibromochloromethane
Concen: 23.415 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion:129 Resp: 81669
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0





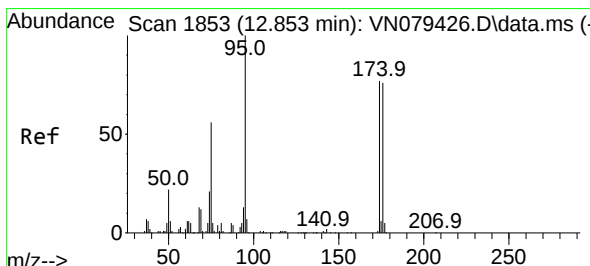
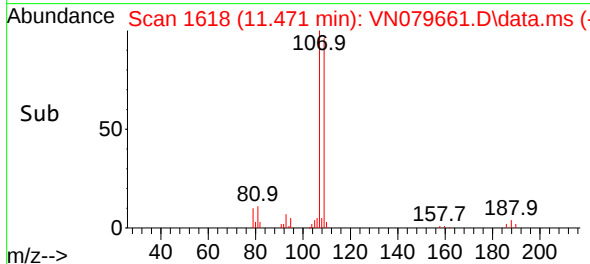
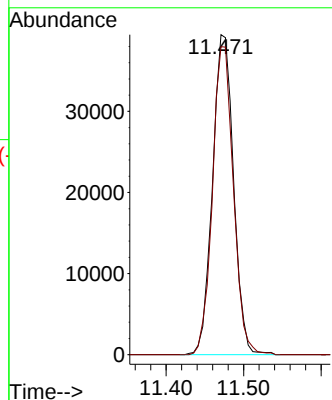
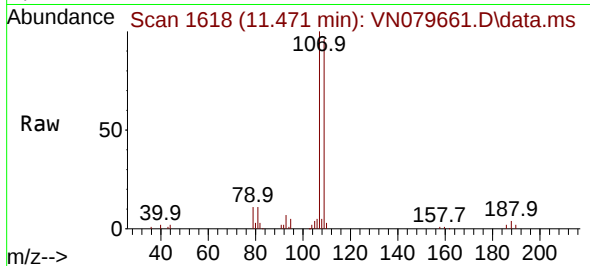
#61
1,2-Dibromoethane
Concen: 21.616 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion:107 Resp: 7444
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8

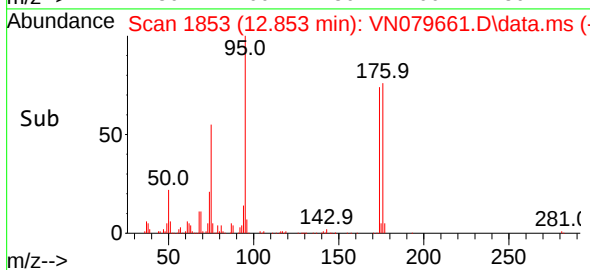
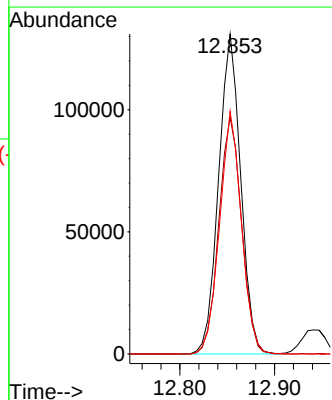
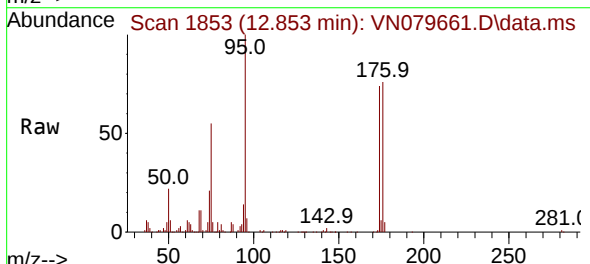
Manual Integrations
APPROVED

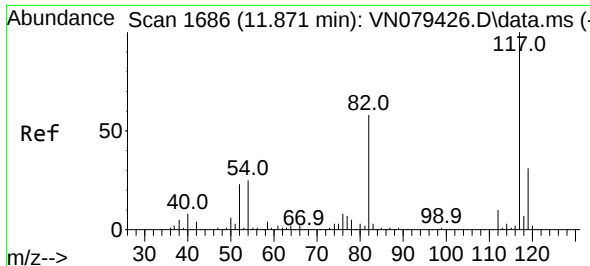
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#62
4-Bromofluorobenzene
Concen: 55.533 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

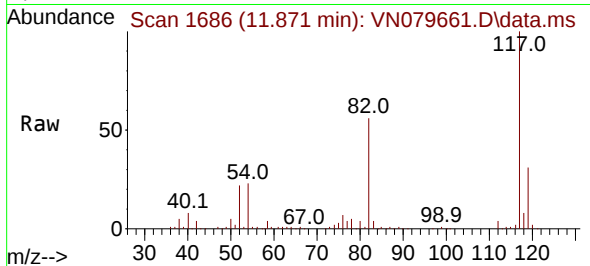
Tgt Ion: 95 Resp: 212455
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 74.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

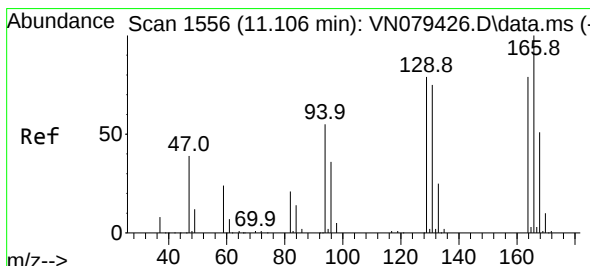
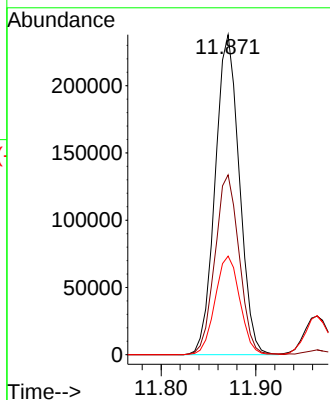
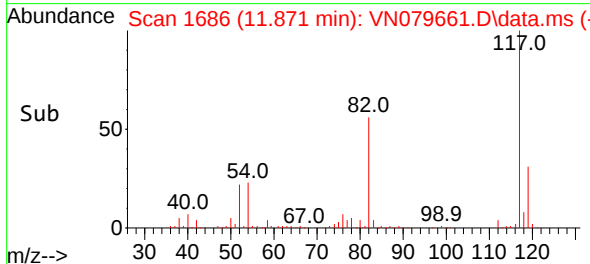
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion:117 Resp: 422509
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 30.8 25.6 38.4

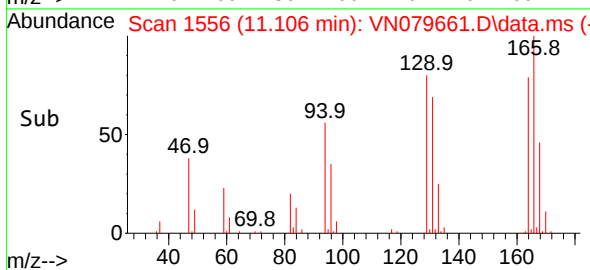
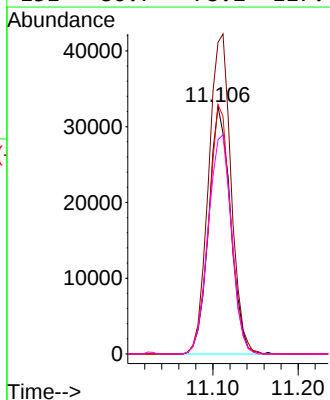
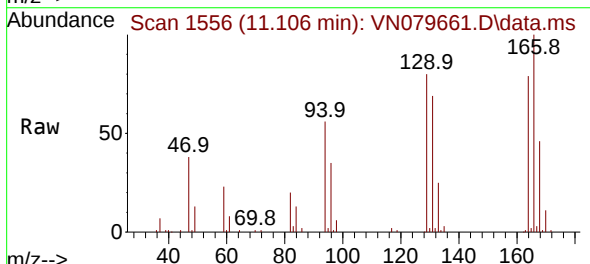
Manual Integrations
APPROVED

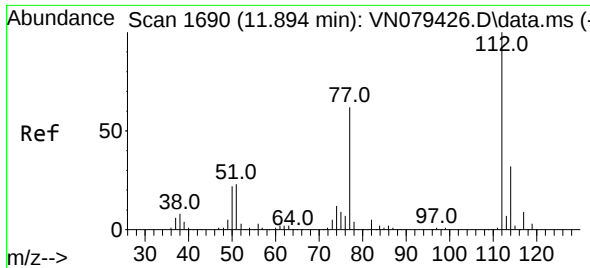
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#64
Tetrachloroethene
Concen: 20.067 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion:164 Resp: 58325
Ion Ratio Lower Upper
164 100
166 126.0 101.4 152.0
129 100.8 82.4 123.6
131 86.7 78.2 117.4





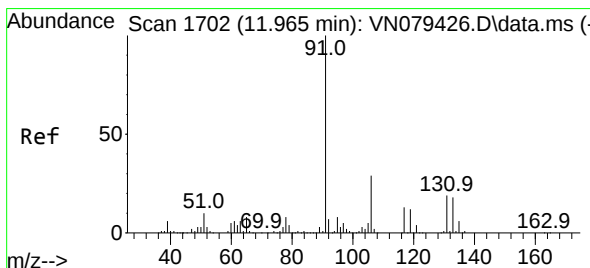
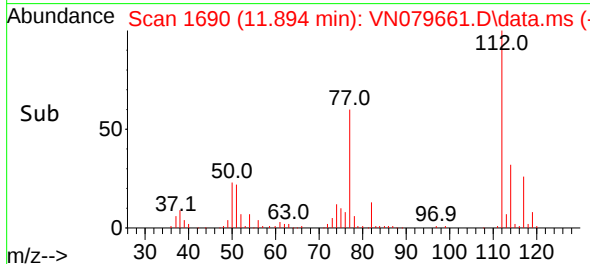
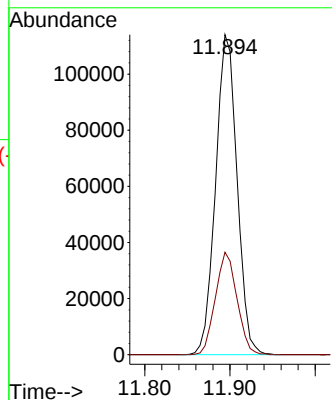
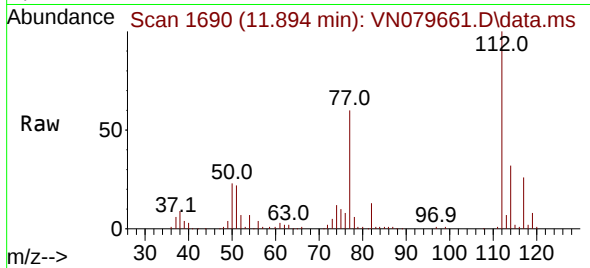
#65
Chlorobenzene
Concen: 21.192 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion:112 Resp: 199400
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

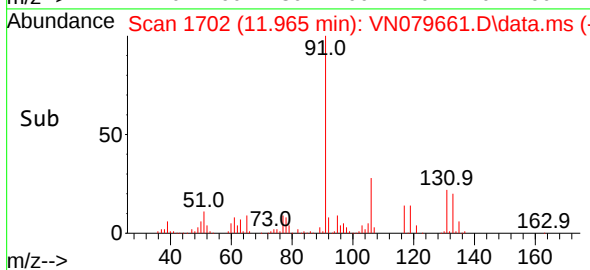
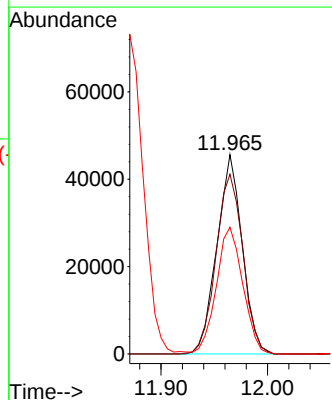
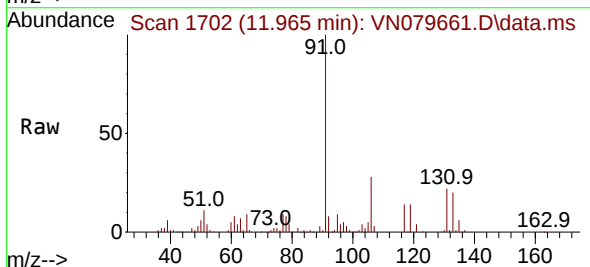
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.816 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

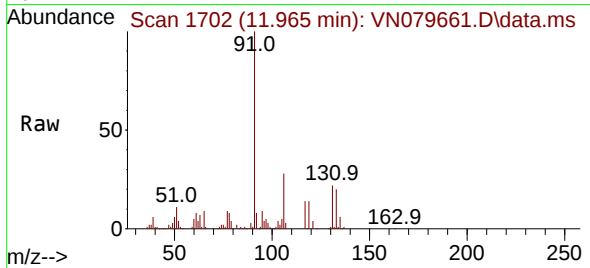
Tgt Ion:131 Resp: 75160
Ion Ratio Lower Upper
131 100
133 96.4 46.4 139.1
119 66.7 34.1 102.2





#67
Ethyl Benzene
Concen: 21.806 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

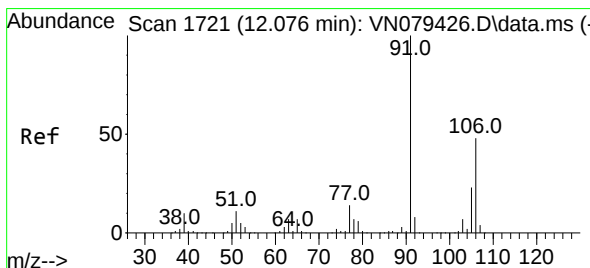
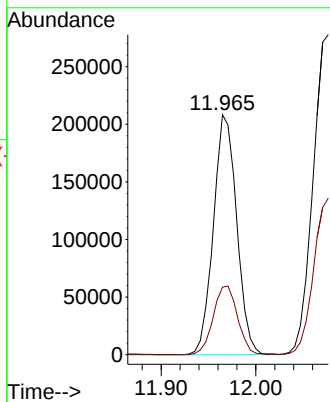
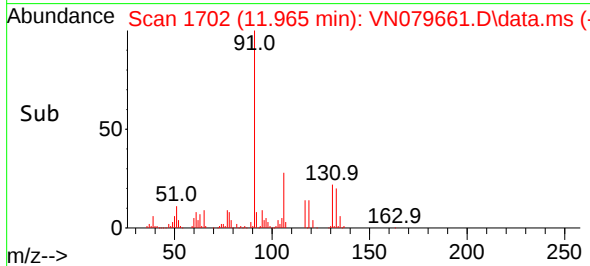
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 91 Resp: 356629
Ion Ratio Lower Upper
91 100
106 28.1 25.6 38.4

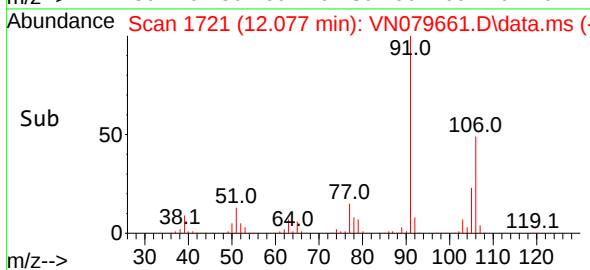
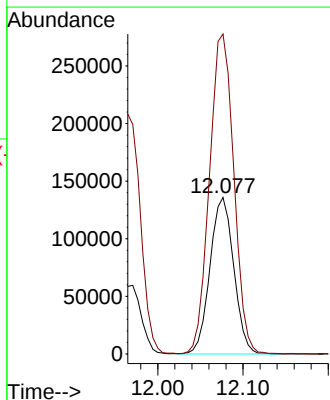
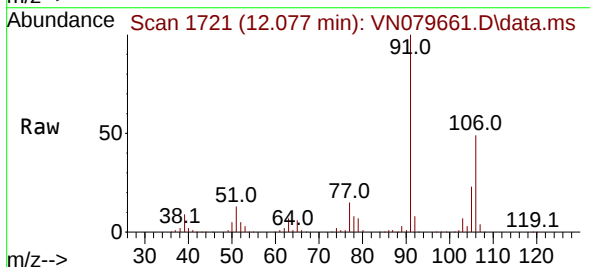
Manual Integrations
APPROVED

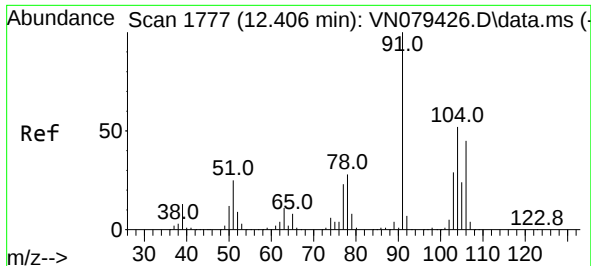
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#68
m/p-Xylenes
Concen: 44.240 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion:106 Resp: 262889
Ion Ratio Lower Upper
106 100
91 209.6 159.6 239.4





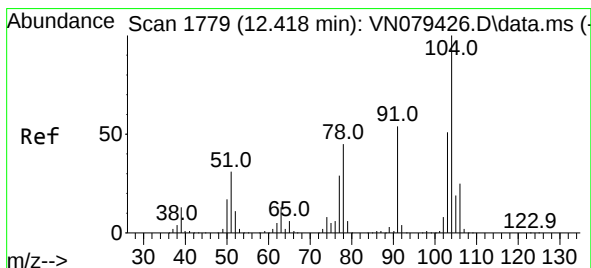
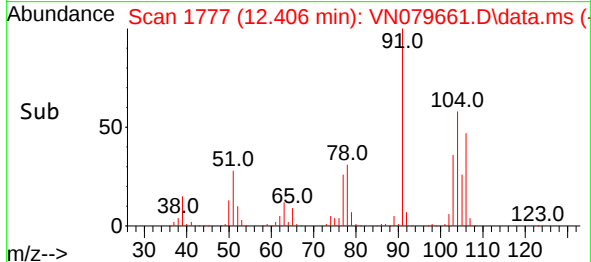
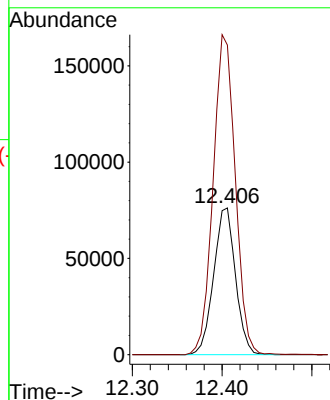
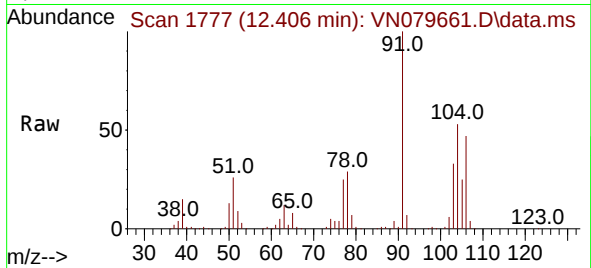
#69
o-Xylene
Concen: 22.030 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion:106 Resp: 128744
Ion Ratio Lower Upper
106 100
91 221.2 105.2 315.5

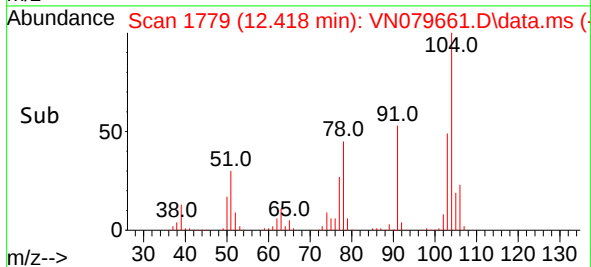
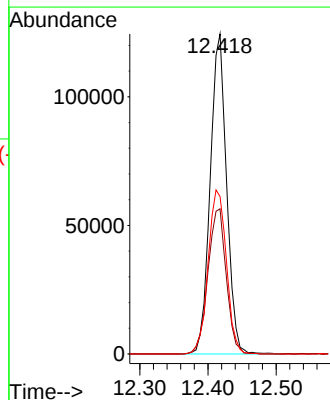
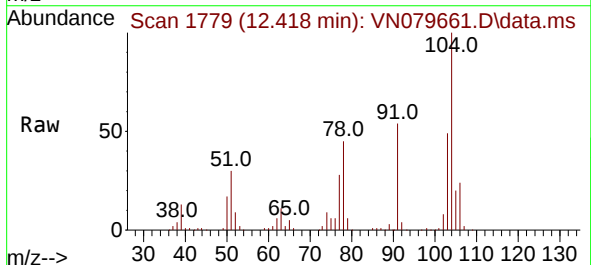
Manual Integrations
APPROVED

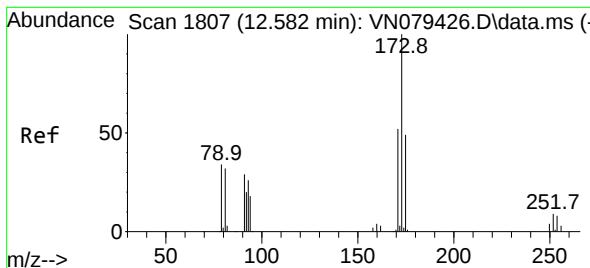
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#70
Styrene
Concen: 22.563 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion:104 Resp: 208273
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 57.2 43.2 64.8





#71

Bromoform

Concen: 20.718 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion:173 Resp: 5224

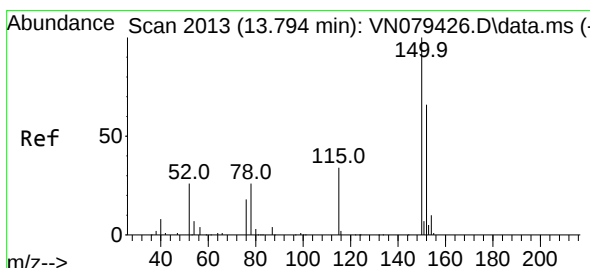
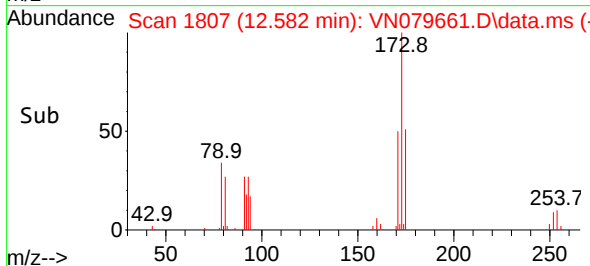
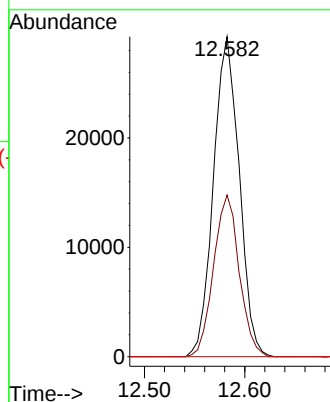
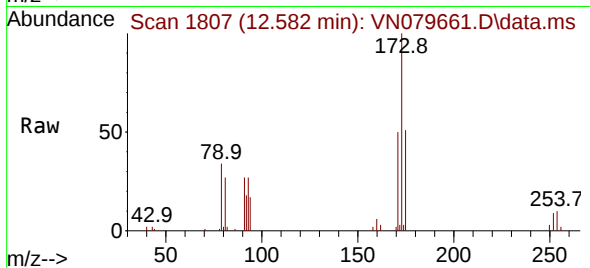
Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

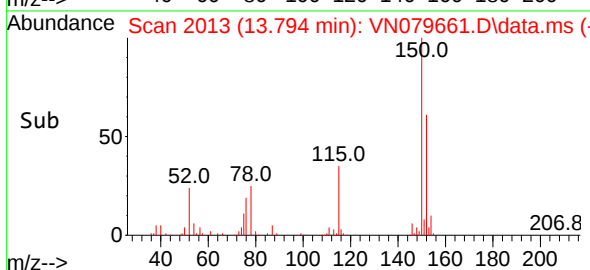
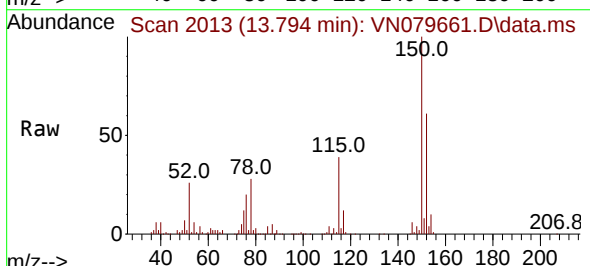
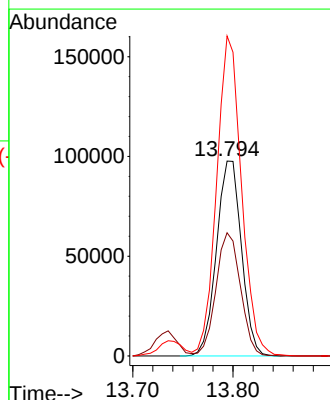
Delta R.T. 0.000 min

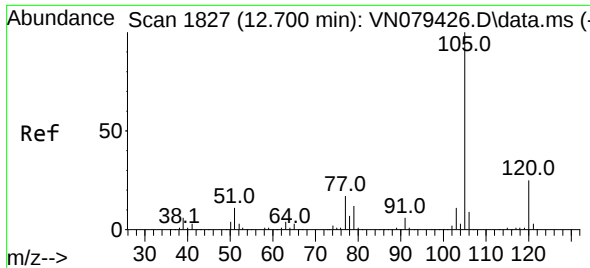
Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

Tgt Ion:152 Resp: 168912

Ion	Ratio	Lower	Upper
152	100		
115	62.1	32.3	96.8
150	163.5	0.0	355.8





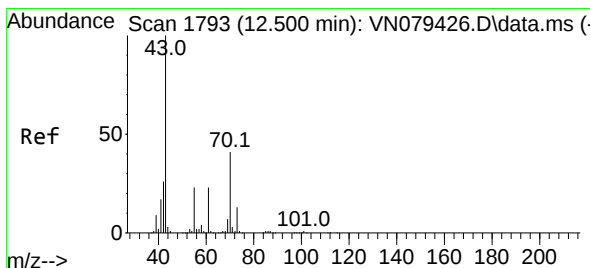
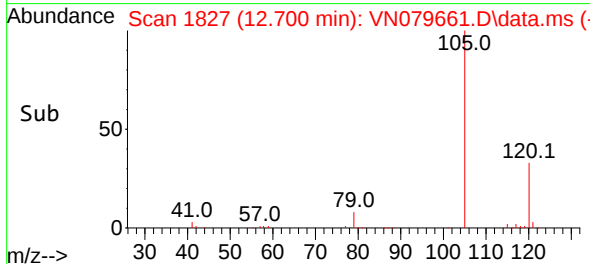
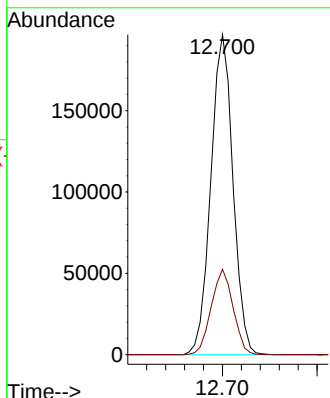
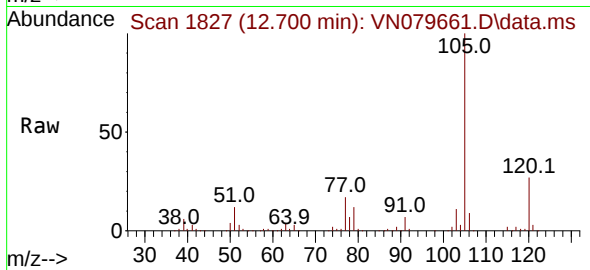
#73
Isopropylbenzene
Concen: 20.290 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion:105 Resp: 318838
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

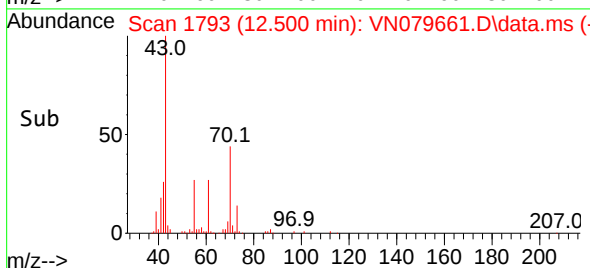
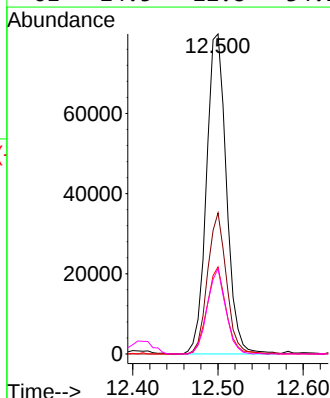
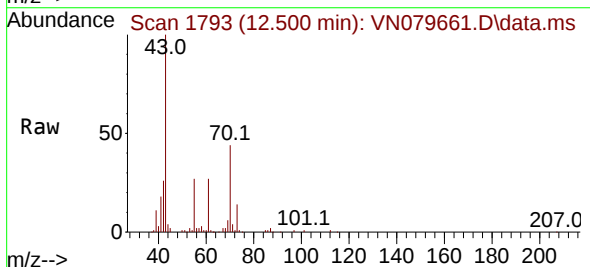
Manual Integrations
APPROVED

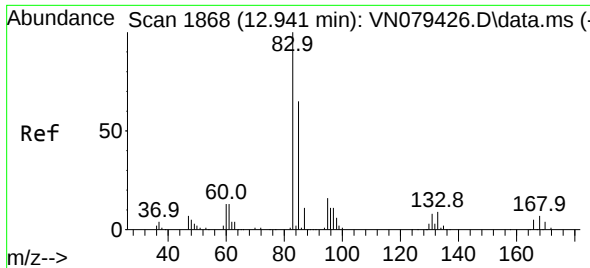
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#74
N-ethyl acetate
Concen: 20.208 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

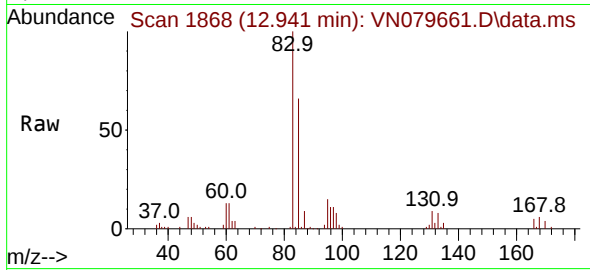
Tgt Ion: 43 Resp: 130188
Ion Ratio Lower Upper
43 100
70 41.6 43.4 65.2#
55 26.1 21.4 32.0
61 24.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.627 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

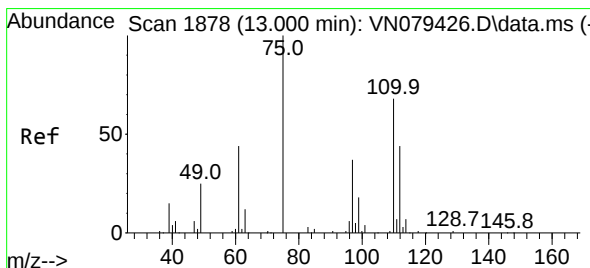
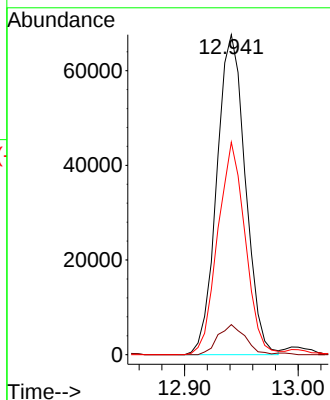
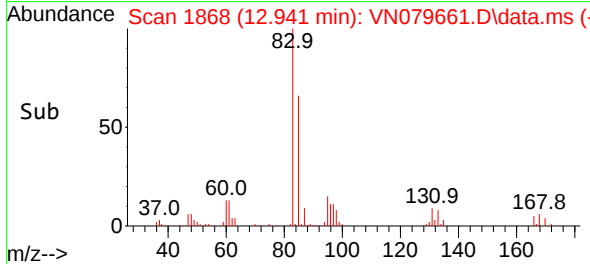
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 83 Resp: 11814
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 64.1 31.9 95.7

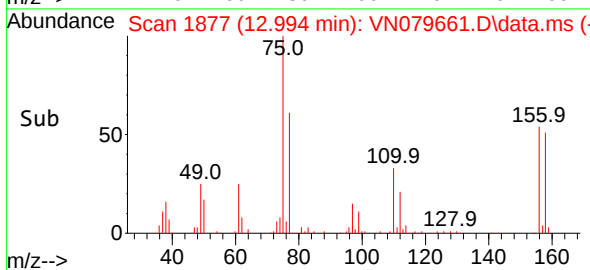
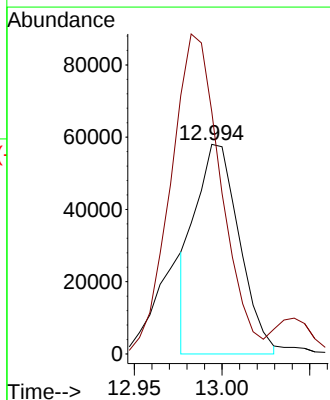
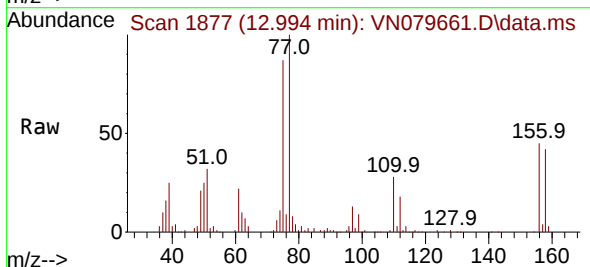
Manual Integrations
APPROVED

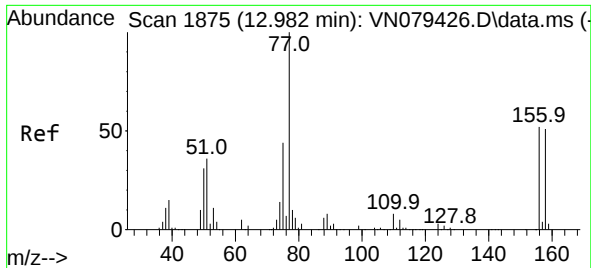
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#76
1,2,3-Trichloropropane
Concen: 20.891 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 75 Resp: 101743
Ion Ratio Lower Upper
75 100
77 173.7 84.5 253.5





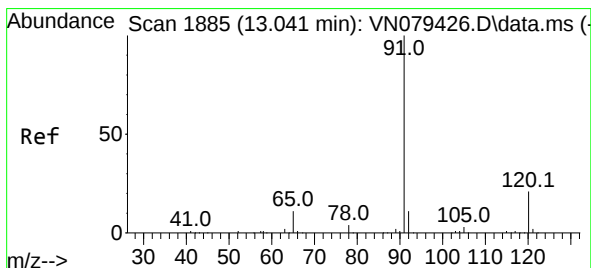
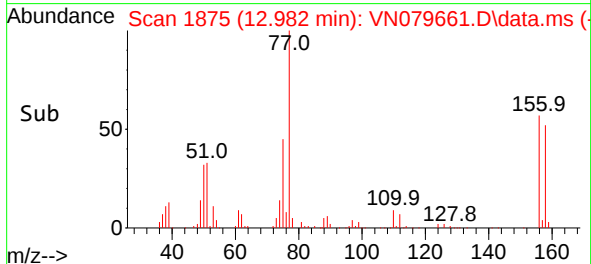
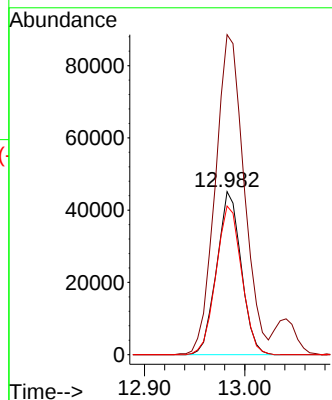
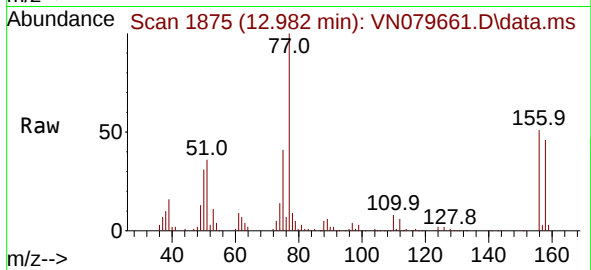
#77
Bromobenzene
Concen: 19.787 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion:156 Resp: 7624
Ion Ratio Lower Upper
156 100
77 231.8 107.7 323.3
158 95.5 48.4 145.3

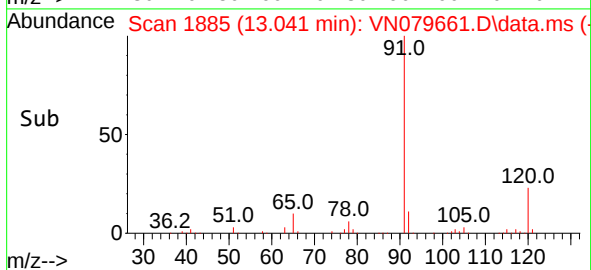
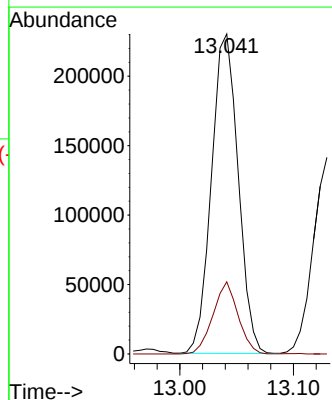
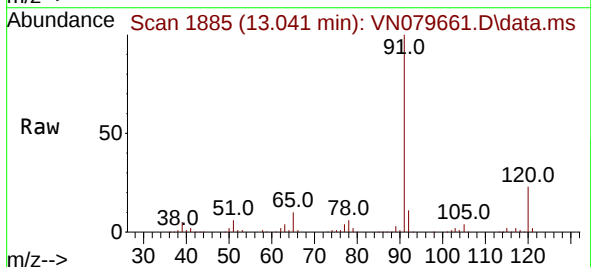
Manual Integrations
APPROVED

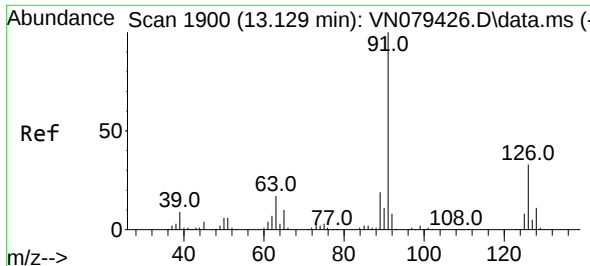
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#78
n-propylbenzene
Concen: 21.162 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 91 Resp: 376240
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.4





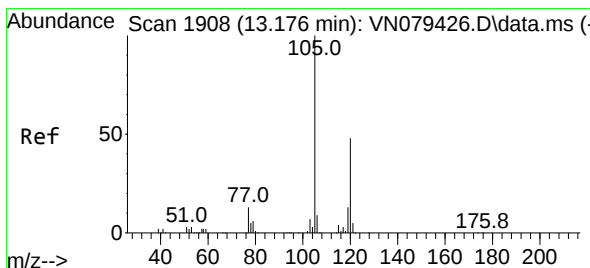
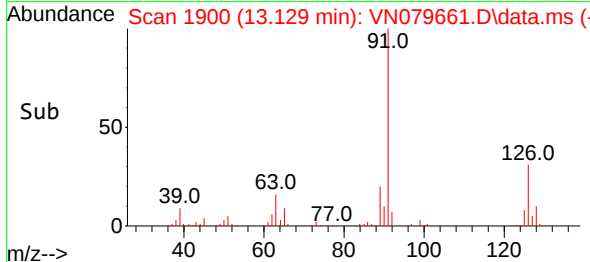
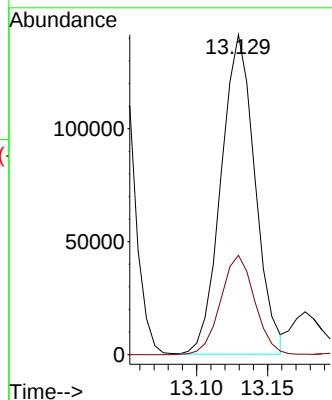
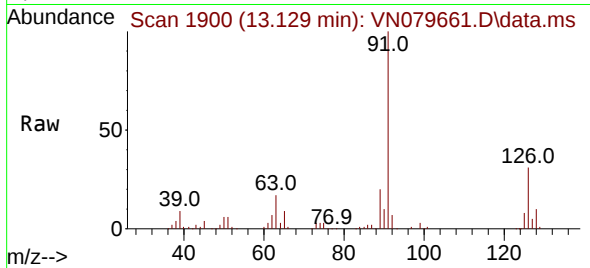
#79
2-Chlorotoluene
Concen: 20.684 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 91 Resp: 23532
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.8

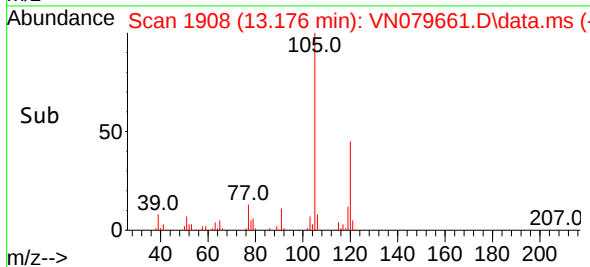
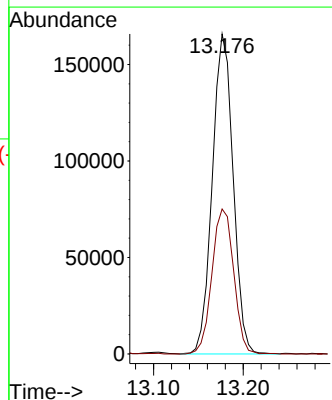
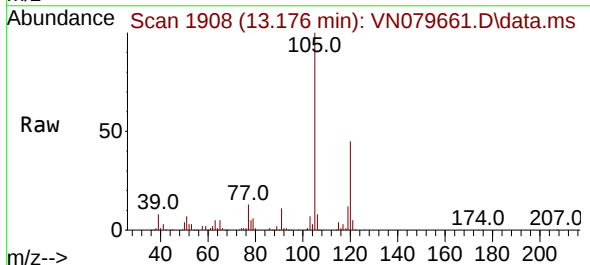
Manual Integrations
APPROVED

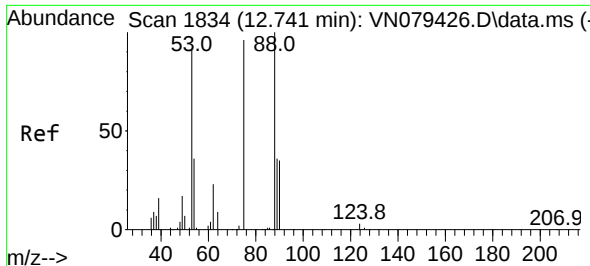
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.585 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

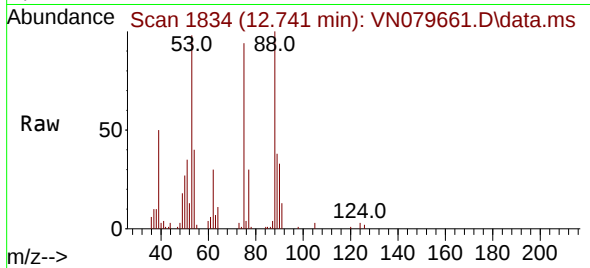
Tgt Ion:105 Resp: 267476
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.930 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

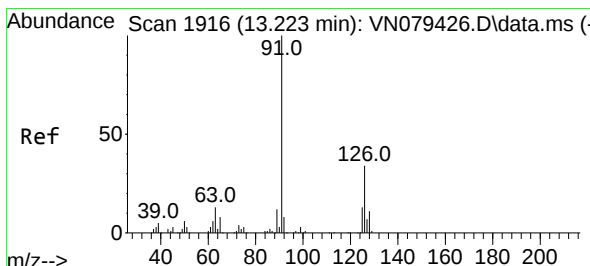
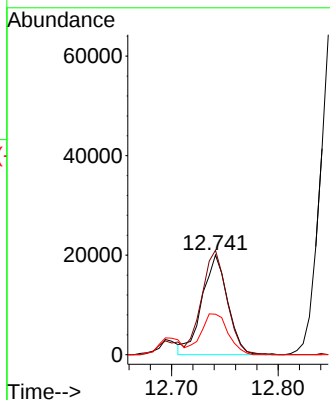
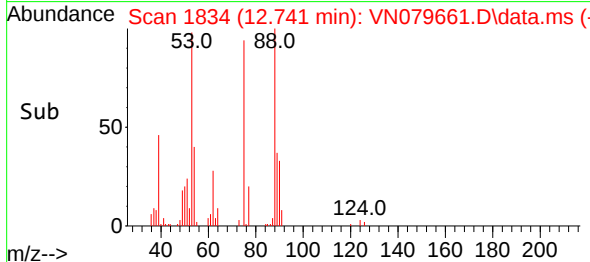
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 75 Resp: 33452
Ion Ratio Lower Upper
75 100
53 103.2 67.4 101.2
89 43.8 38.8 58.2

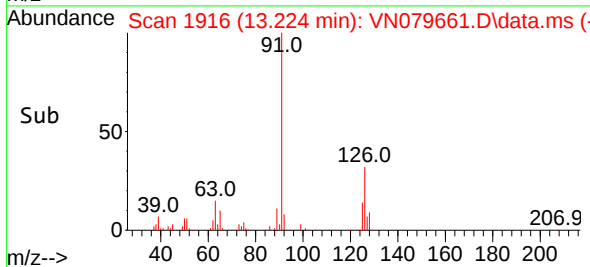
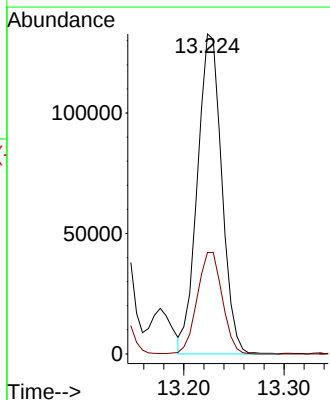
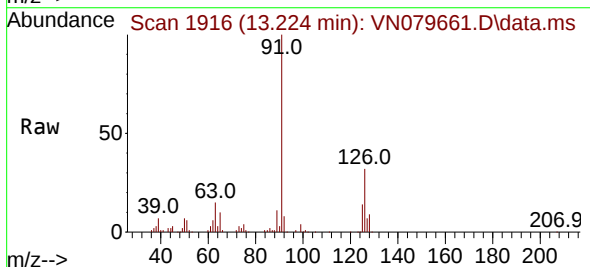
Manual Integrations
APPROVED

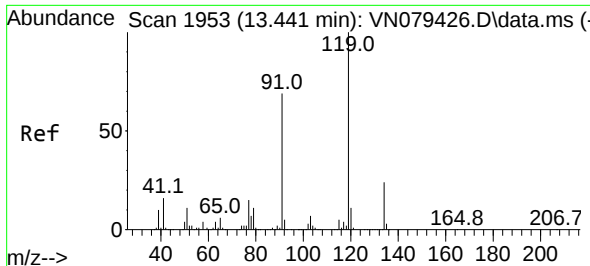
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#82
4-Chlorotoluene
Concen: 20.757 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

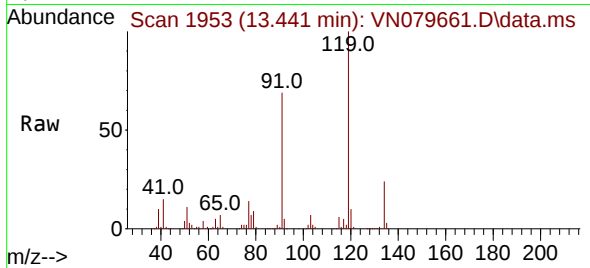
Tgt Ion: 91 Resp: 224720
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 21.296 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

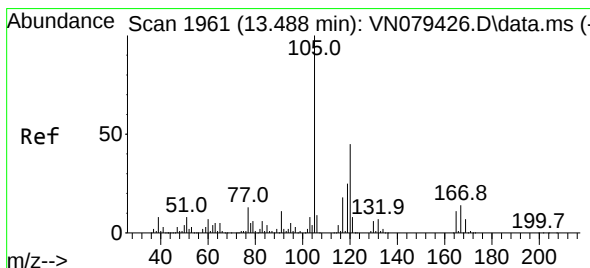
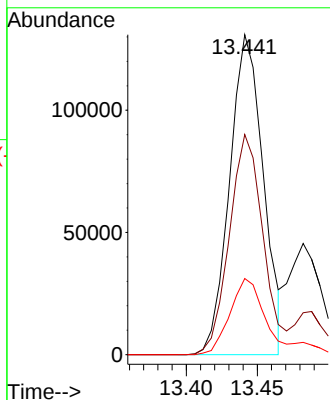
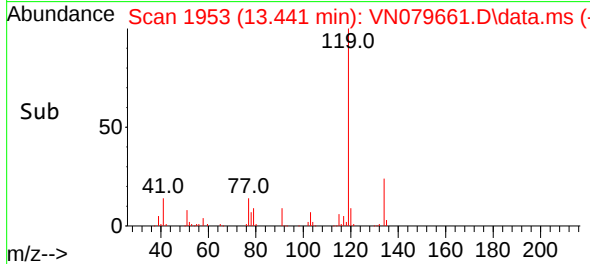
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



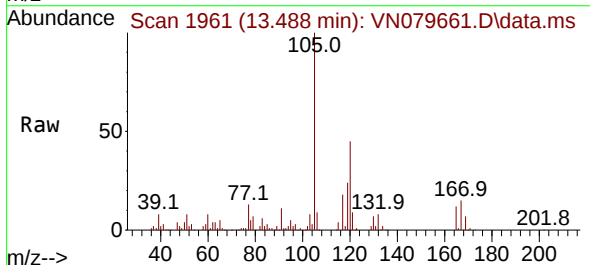
Tgt Ion:119 Resp: 216208
Ion Ratio Lower Upper
119 100
91 69.0 33.9 101.7
134 27.1 13.2 39.6

Manual Integrations
APPROVED

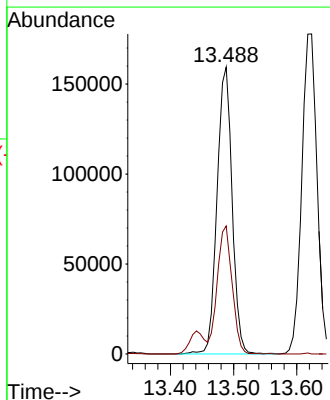
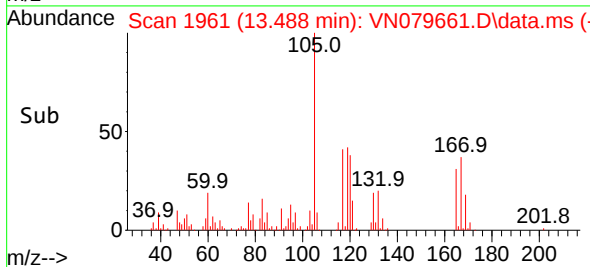
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

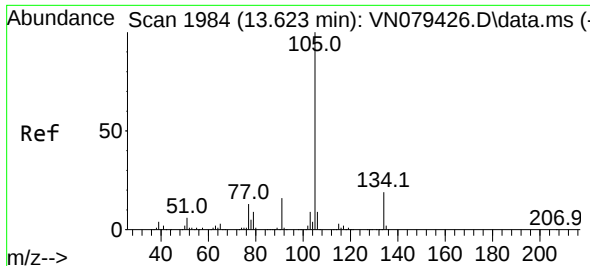


#84
1,2,4-Trimethylbenzene
Concen: 22.308 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50



Tgt Ion:105 Resp: 263804
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





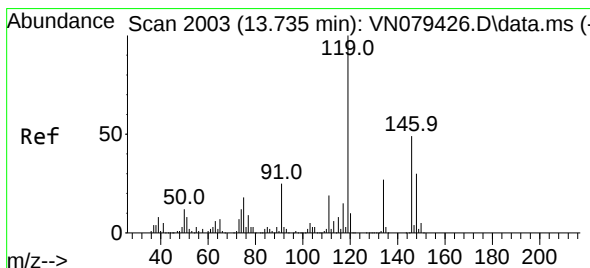
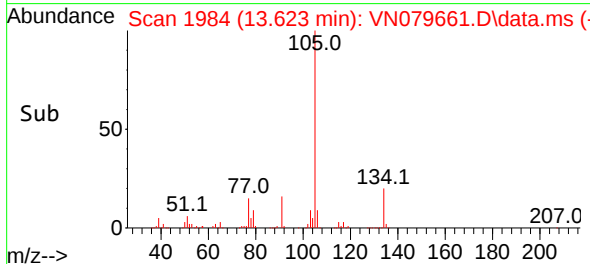
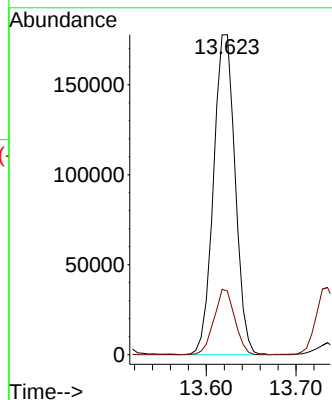
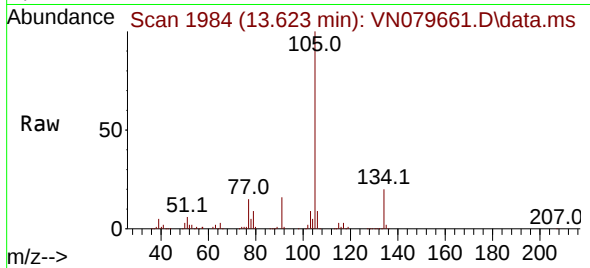
#85
 sec-Butylbenzene
 Concen: 21.051 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079661.D
 Acq: 24 Oct 2023 16:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01

Tgt Ion:105 Resp: 298090
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

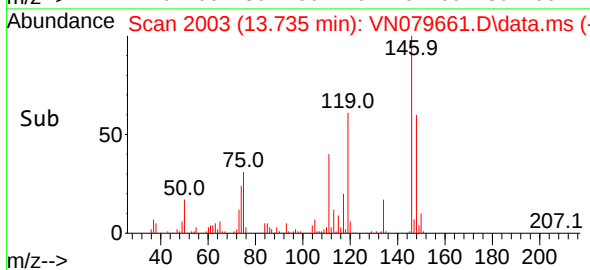
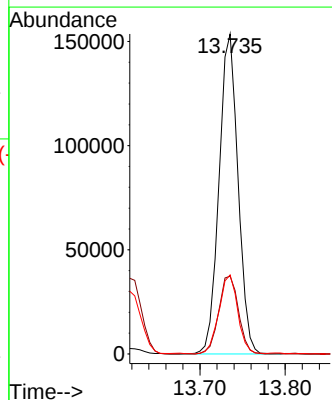
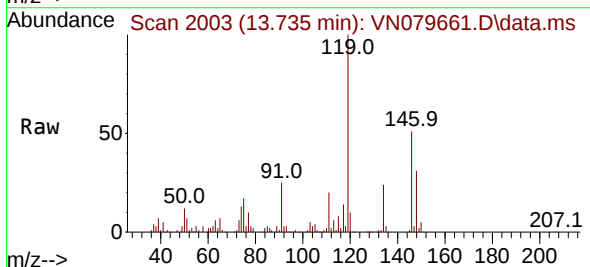
Manual Integrations
 APPROVED

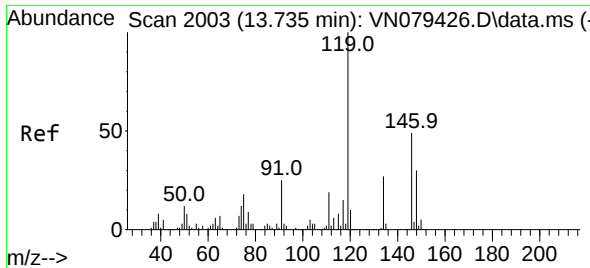
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#86
 p-Isopropyltoluene
 Concen: 21.862 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079661.D
 Acq: 24 Oct 2023 16:50

Tgt Ion:119 Resp: 237503
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.6 12.4 37.2





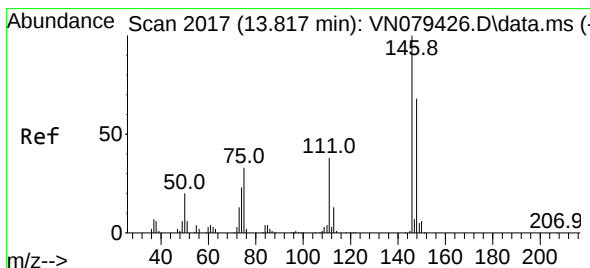
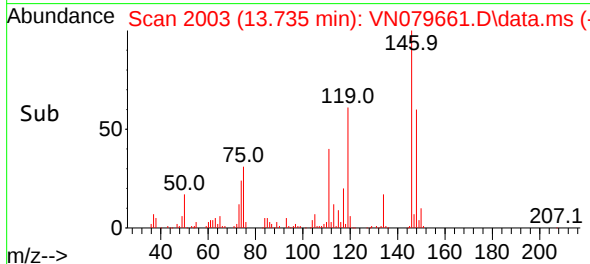
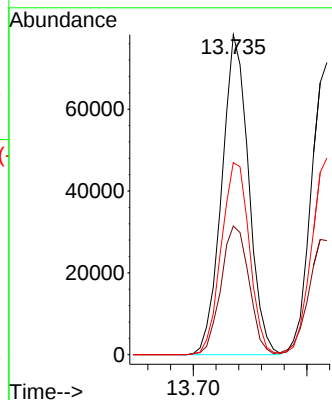
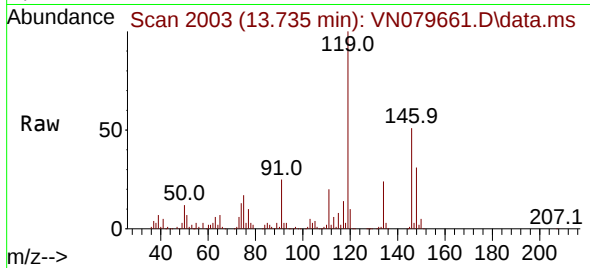
#87
1,3-Dichlorobenzene
Concen: 20.997 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion:146 Resp: 128320
Ion Ratio Lower Upper
146 100
111 42.0 22.1 66.3
148 62.9 32.0 96.0

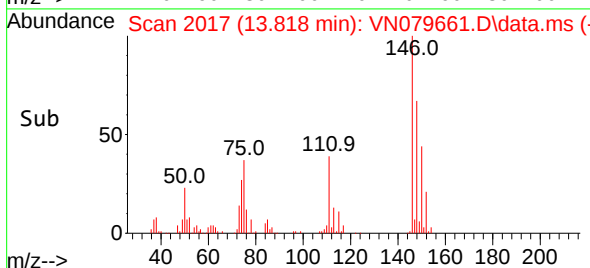
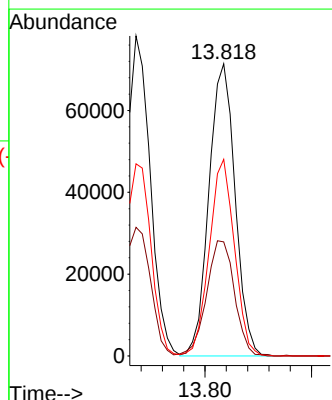
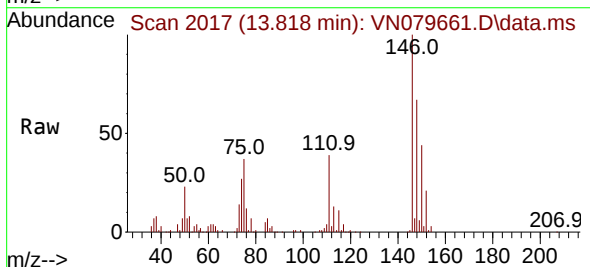
Manual Integrations
APPROVED

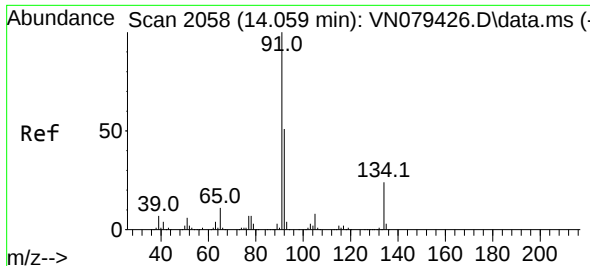
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#88
1,4-Dichlorobenzene
Concen: 19.319 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion:146 Resp: 121908
Ion Ratio Lower Upper
146 100
111 42.0 20.6 61.8
148 64.8 31.6 94.8





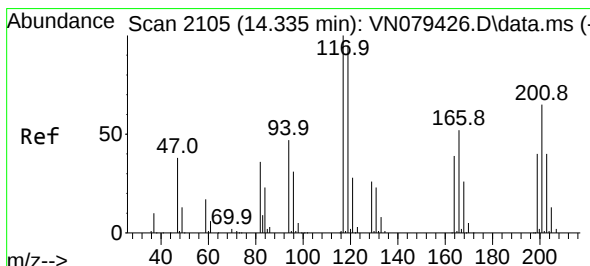
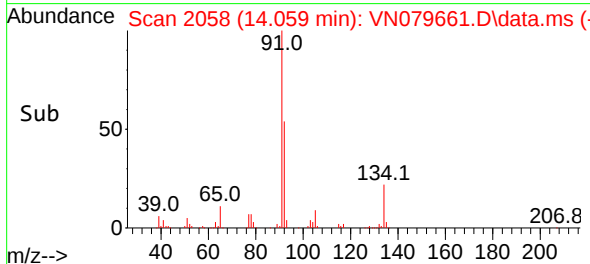
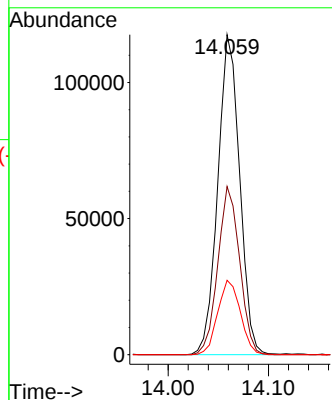
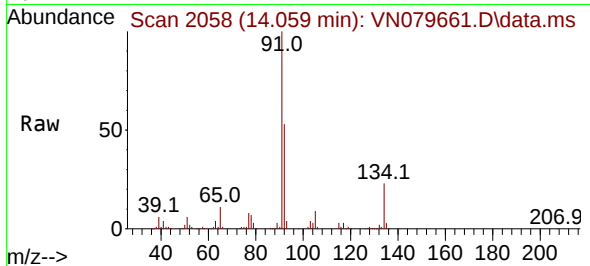
#89
n-Butylbenzene
Concen: 20.532 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 91 Resp: 178114
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 24.1 12.6 37.6

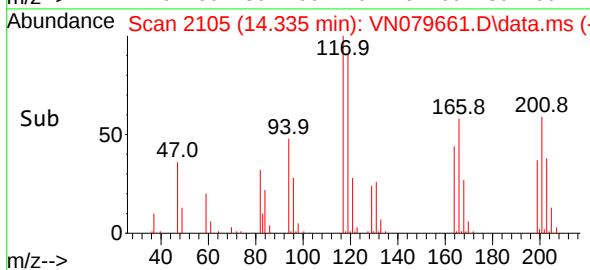
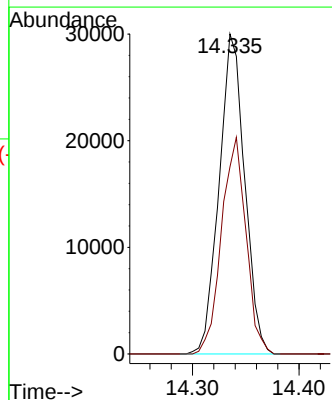
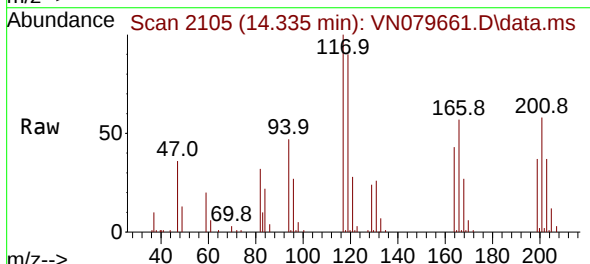
Manual Integrations
APPROVED

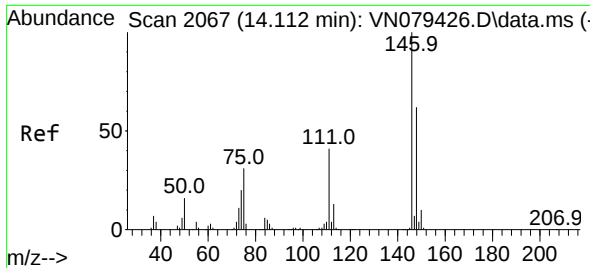
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#90
Hexachloroethane
Concen: 22.071 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion:117 Resp: 49965
Ion Ratio Lower Upper
117 100
201 65.0 29.3 88.0





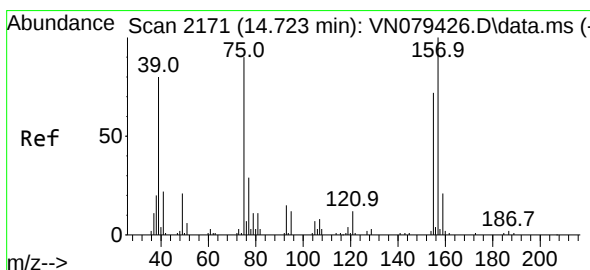
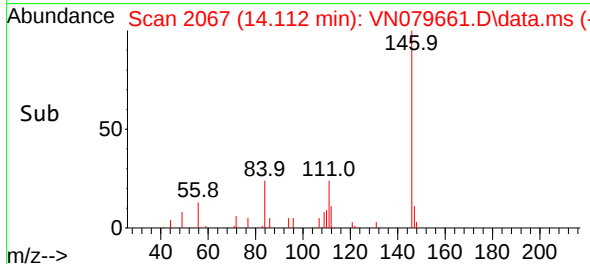
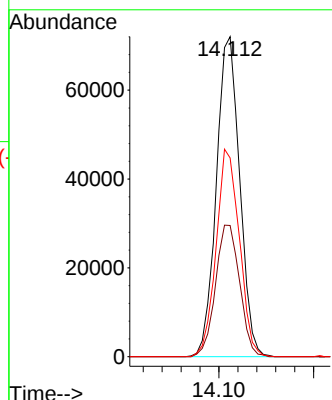
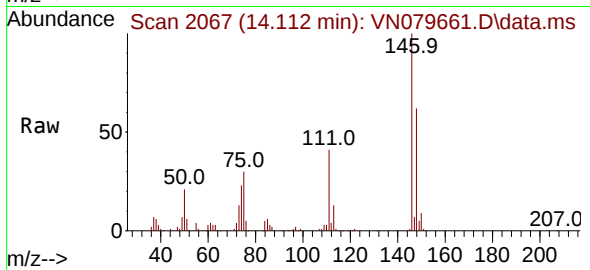
#91
1,2-Dichlorobenzene
Concen: 20.682 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion:146 Resp: 12329
Ion Ratio Lower Upper
146 100
111 42.5 22.0 66.0
148 64.5 31.8 95.3

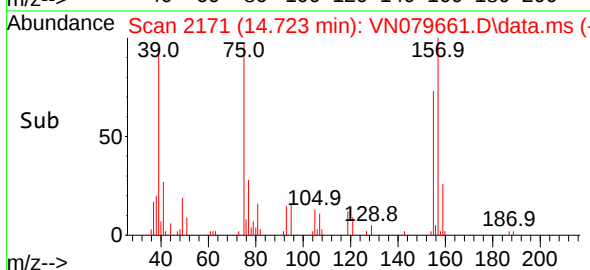
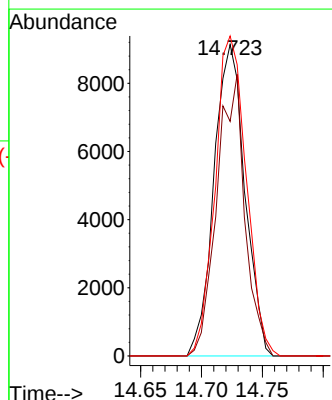
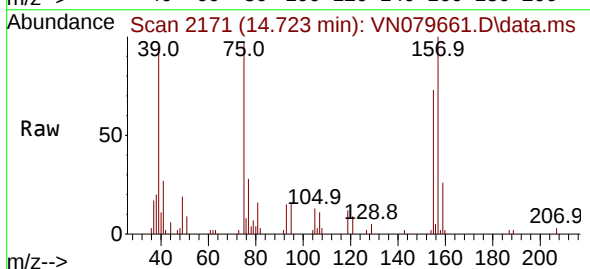
Manual Integrations
APPROVED

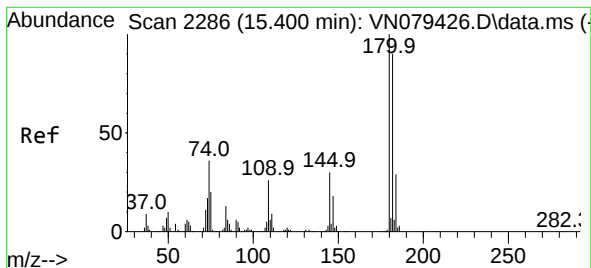
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.753 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion: 75 Resp: 16132
Ion Ratio Lower Upper
75 100
155 81.7 39.1 117.2
157 103.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.785 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

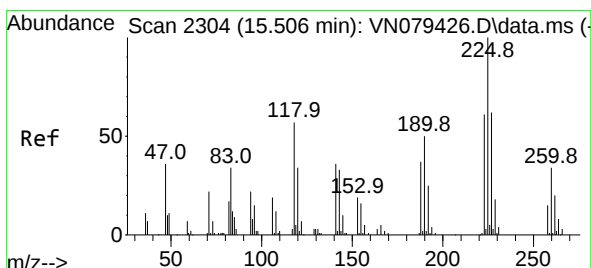
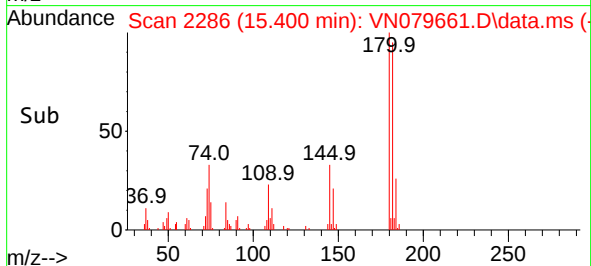
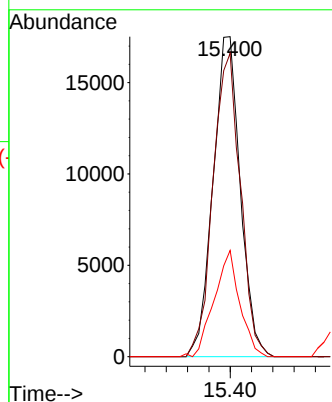
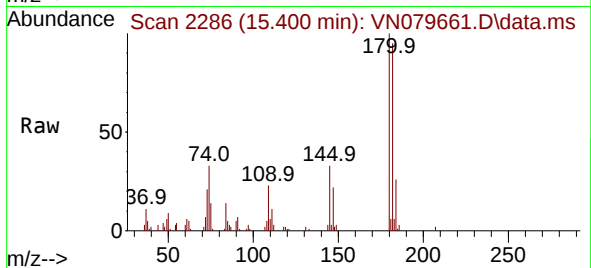
Tgt Ion:	180	Resp:	30990
Ion Ratio	Lower	Upper	
180	100		
182	95.6	46.1	138.2
145	31.2	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#94

Hexachlorobutadiene

Concen: 21.346 ug/l

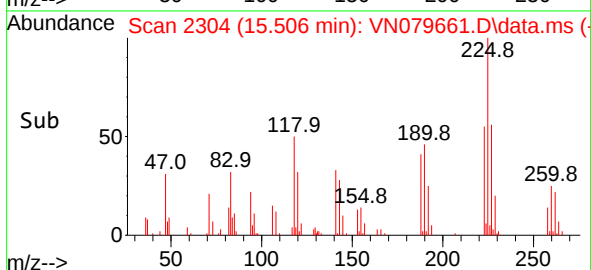
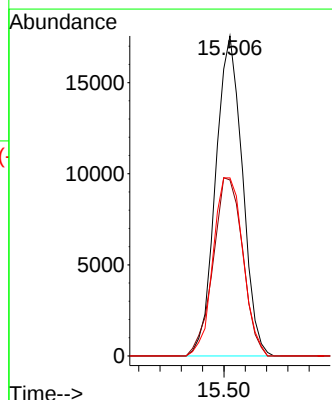
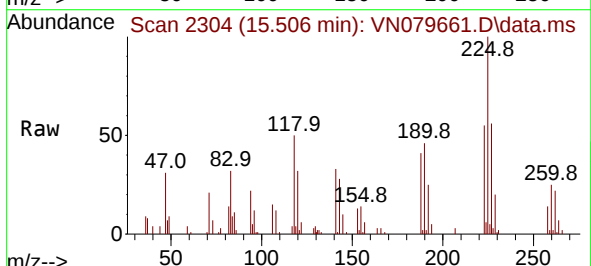
RT: 15.506 min Scan# 2304

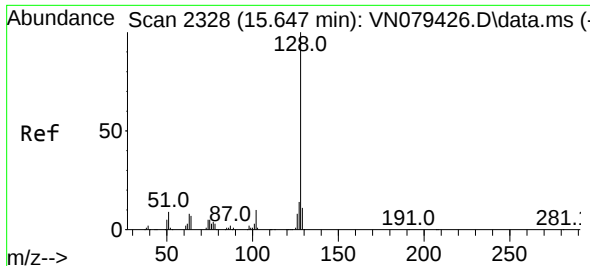
Delta R.T. 0.000 min

Lab File: VN079661.D

Acq: 24 Oct 2023 16:50

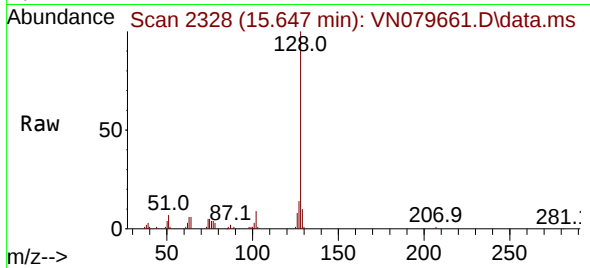
Tgt Ion:	225	Resp:	30695
Ion Ratio	Lower	Upper	
225	100		
223	61.3	31.3	93.8
227	61.9	31.9	95.9





#95
Naphthalene
Concen: 13.904 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

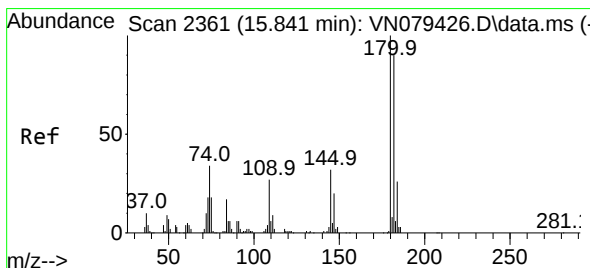
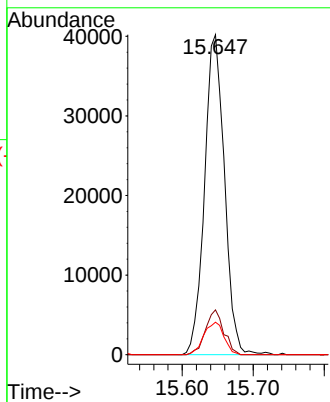
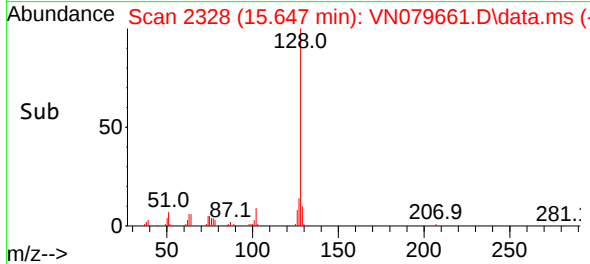
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion:128 Resp: 78390
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.098 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079661.D
Acq: 24 Oct 2023 16:50

Tgt Ion:180 Resp: 35467
Ion Ratio Lower Upper
180 100
182 97.8 46.2 138.6
145 33.4 17.5 52.6

