

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079724.D
 Acq On : 30 Oct 2023 15:26
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN103023

Quant Time: Oct 31 07:29:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	297044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	473168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	249184	52.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.480%			
35) Dibromofluoromethane	8.165	113	200044	54.498	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.000%			
50) Toluene-d8	10.571	98	762912	55.753	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.500%			
62) 4-Bromofluorobenzene	12.853	95	247872	57.523	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	186060	47.449	ug/l	97
3) Chloromethane	2.365	50	207046	43.585	ug/l	98
4) Vinyl Chloride	2.518	62	228189	44.603	ug/l	98
5) Bromomethane	2.948	94	133675	39.805	ug/l	98
6) Chloroethane	3.118	64	176567	47.113	ug/l	100
7) Trichlorofluoromethane	3.501	101	291451	48.446	ug/l	100
8) Diethyl Ether	3.965	74	106540	48.937	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	169694	48.701	ug/l	99
10) Methyl Iodide	4.595	142	191047	54.478	ug/l	99
11) Tert butyl alcohol	5.524	59	131507	207.850	ug/l	99
12) 1,1-Dichloroethene	4.342	96	153804	47.127	ug/l #	84
13) Acrolein	4.183	56	135133	212.320	ug/l	97
14) Allyl chloride	5.024	41	250541	45.776	ug/l	91
15) Acrylonitrile	5.718	53	453634	233.002	ug/l	99
16) Acetone	4.424	43	452917	221.927	ug/l	93
17) Carbon Disulfide	4.712	76	460830	46.239	ug/l	99
18) Methyl Acetate	5.024	43	369845	44.918	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	526031	47.637	ug/l	95
20) Methylene Chloride	5.283	84	187141	46.307	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	180593	48.750	ug/l #	77
22) Diisopropyl ether	6.677	45	604113	49.097	ug/l #	90
23) Vinyl Acetate	6.606	43	1648434	243.332	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	349726	47.432	ug/l	97
25) 2-Butanone	7.483	43	635740	226.780	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	285038	47.775	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	206623	48.444	ug/l	86
28) Bromochloromethane	7.812	49	200161	55.501	ug/l #	74
29) Tetrahydrofuran	7.841	42	404966	236.459	ug/l #	75
30) Chloroform	7.971	83	355293	47.854	ug/l	95
31) Cyclohexane	8.259	56	294839	45.305	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	303186	47.106	ug/l	94
36) 1,1-Dichloropropene	8.377	75	268462	49.300	ug/l	95
37) Ethyl Acetate	7.559	43	245830	45.545	ug/l #	91
38) Carbon Tetrachloride	8.365	117	264775	48.758	ug/l	98
39) Methylcyclohexane	9.606	83	270496	49.939	ug/l #	89
40) Benzene	8.606	78	792561	49.314	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	133914	47.569	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	280217	48.005	ug/l	98
43) Isopropyl Acetate	8.688	43	403630	46.776	ug/l #	91
44) Trichloroethene	9.353	130	188718	48.474	ug/l	98
45) 1,2-Dichloropropane	9.624	63	207086	48.513	ug/l	98
46) Dibromomethane	9.712	93	139190	48.347	ug/l	96
47) Bromodichloromethane	9.894	83	279935	48.470	ug/l	95
48) Methyl methacrylate	9.682	41	194437	48.603	ug/l #	82
49) 1,4-Dioxane	9.700	88	68110	967.494	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1285467	239.421	ug/l	89
52) Toluene	10.635	92	489016	49.840	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	291818	50.036	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	322086	50.478	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	189129	48.740	ug/l	97
56) Ethyl methacrylate	10.877	69	281899	51.441	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	334704	49.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	551887	273.353	ug/l	90
59) 2-Hexanone	11.200	43	948895	240.360	ug/l	87
60) Dibromochloromethane	11.365	129	200863	50.025	ug/l	100
61) 1,2-Dibromoethane	11.471	107	187964	48.620	ug/l	97
64) Tetrachloroethene	11.106	164	159568	47.538	ug/l	97
65) Chlorobenzene	11.894	112	499666	47.710	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	185825	47.752	ug/l	97
67) Ethyl Benzene	11.965	91	938436	50.863	ug/l	97
68) m/p-Xylenes	12.076	106	699842	102.554	ug/l	93
69) o-Xylene	12.400	106	333966	50.894	ug/l	92
70) Styrene	12.412	104	561770	53.443	ug/l	98
71) Bromoform	12.582	173	131258	47.092	ug/l #	100
73) Isopropylbenzene	12.700	105	863428	46.475	ug/l	99
74) N-amyl acetate	12.500	43	331753	44.896	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	272713	41.463	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	244580m	43.914	ug/l	
77) Bromobenzene	12.982	156	196935	45.076	ug/l	95
78) n-propylbenzene	13.041	91	1031401	48.195	ug/l	97
79) 2-Chlorotoluene	13.129	91	607142	45.512	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	713677	47.127	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	81814	44.311	ug/l #	82
82) 4-Chlorotoluene	13.223	91	601772	46.964	ug/l	99
83) tert-Butylbenzene	13.441	119	569837	45.913	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	710724	48.647	ug/l	100
85) sec-Butylbenzene	13.618	105	805819	46.547	ug/l	100
86) p-Isopropyltoluene	13.735	119	668564	48.488	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	348398	47.136	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	337436	45.828	ug/l	98
89) n-Butylbenzene	14.059	91	547169	49.948	ug/l	98
90) Hexachloroethane	14.335	117	123101	42.254	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	329290	45.805	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42864	42.258	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	103084	48.107	ug/l	95
94) Hexachlorobutadiene	15.506	225	78358	41.214	ug/l	98
95) Naphthalene	15.647	128	261735	42.074	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	106659	44.574	ug/l	97

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Manual Integrations
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Response via : Initial Calibration

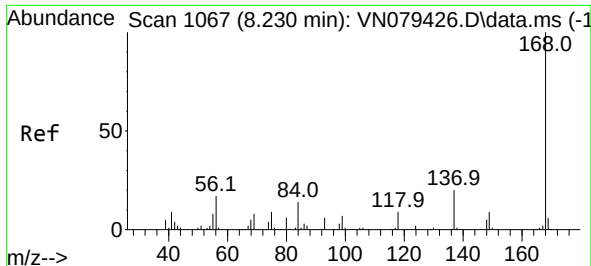
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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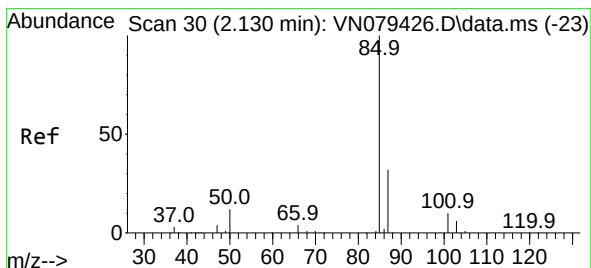
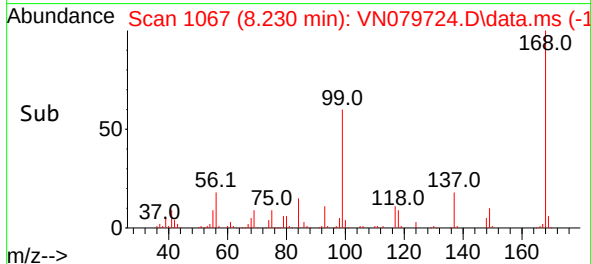
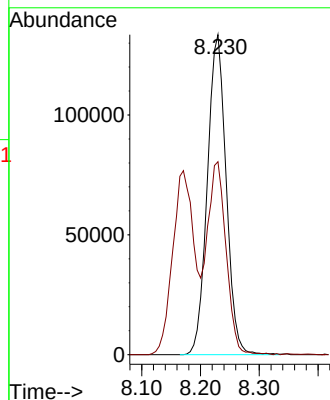
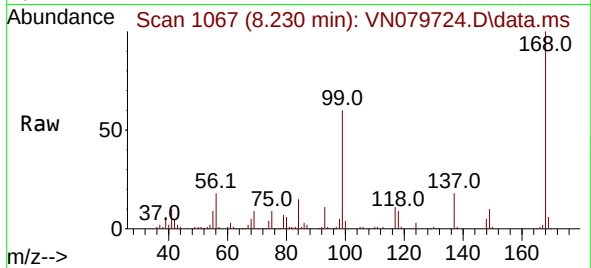
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079724.D
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Tgt Ion:168 Resp: 297044
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6

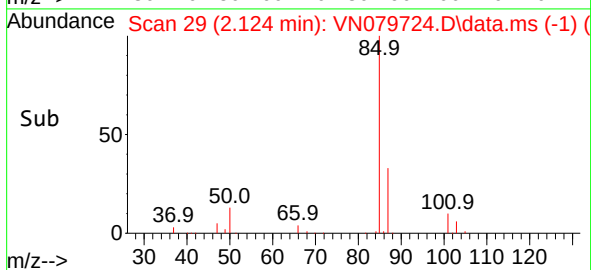
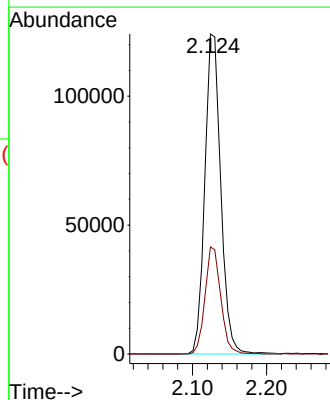
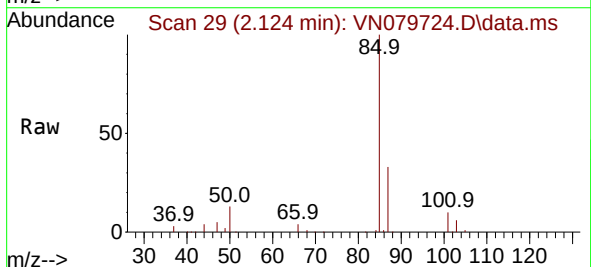
Manual Integrations
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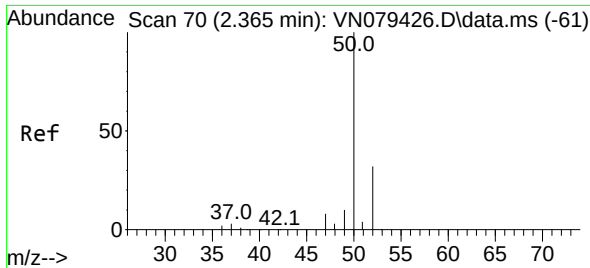
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#2
Dichlorodifluoromethane
Concen: 47.449 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Tgt Ion: 85 Resp: 186060
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





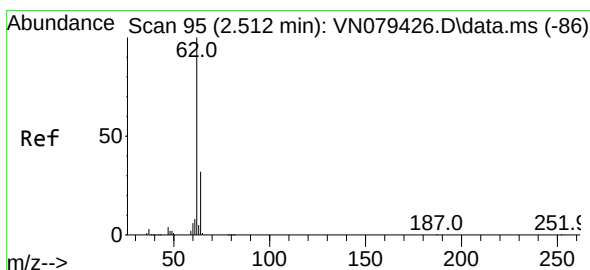
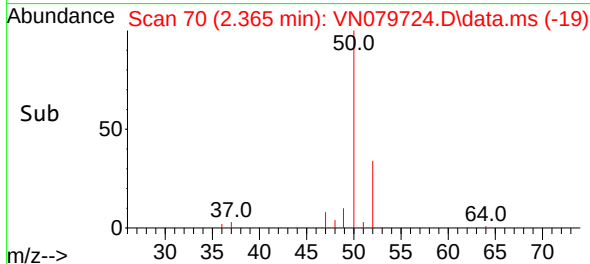
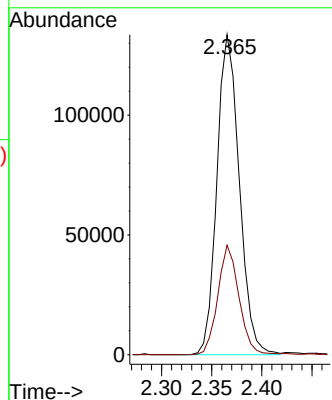
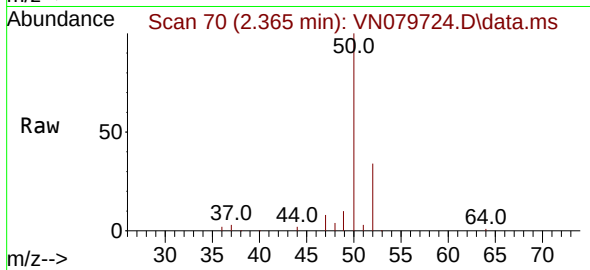
#3
Chloromethane
Concen: 43.585 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Instrument :
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ClientSampleId :
ICVVN103023

Tgt Ion: 50 Resp: 207040
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7

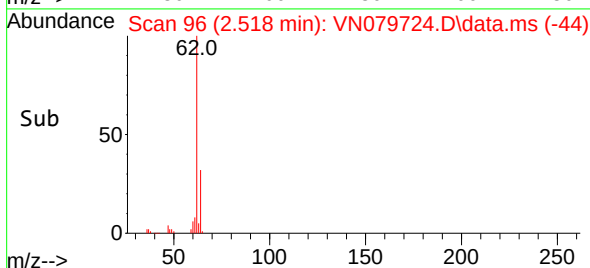
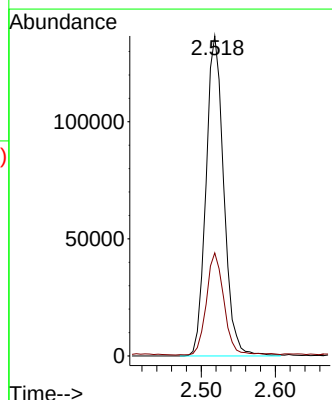
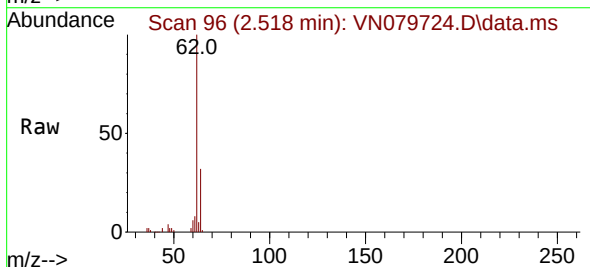
Manual Integrations
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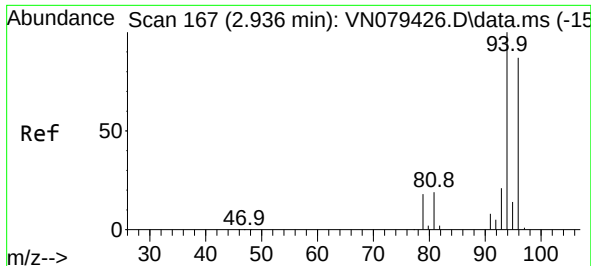
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#4
Vinyl Chloride
Concen: 44.603 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

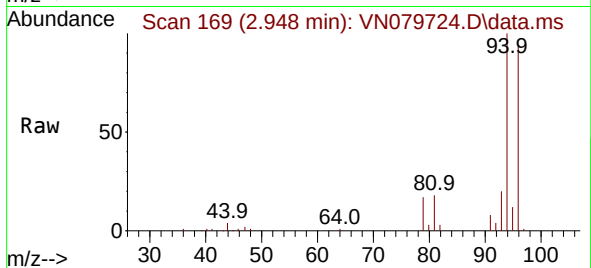
Tgt Ion: 62 Resp: 228189
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





#5
Bromomethane
Concen: 39.805 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

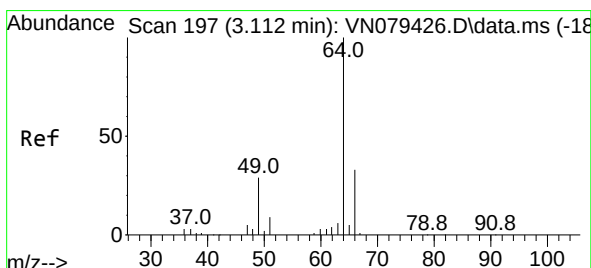
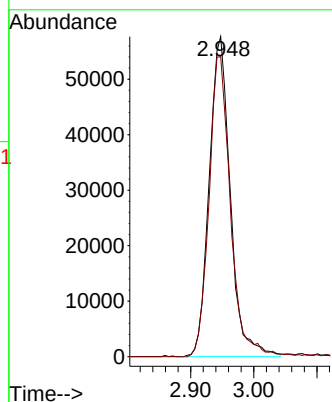
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 133679
Ion Ratio Lower Upper
94 100
96 93.7 73.1 109.7

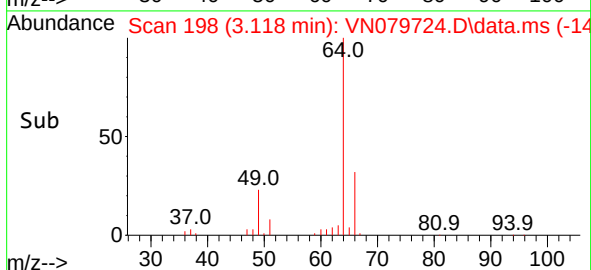
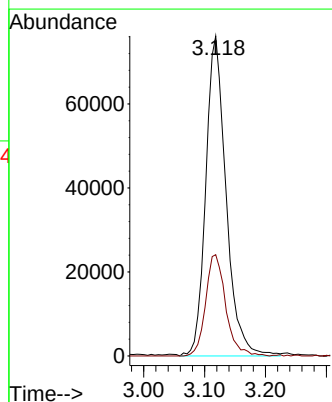
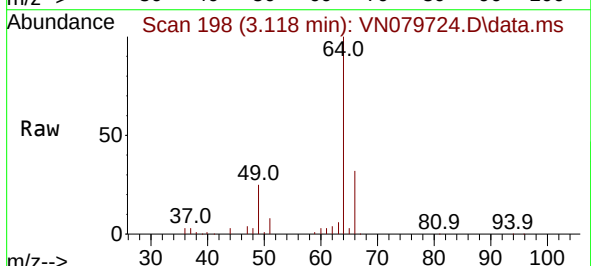
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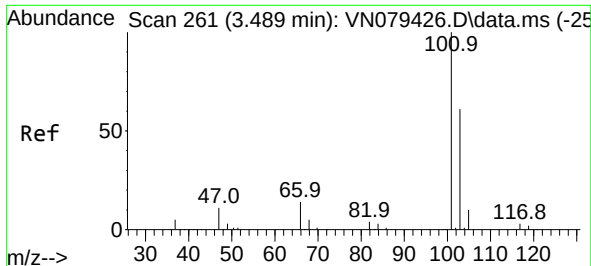
Reviewed By :John Carlone 10/31/2023
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#6
Chloroethane
Concen: 47.113 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079724.D
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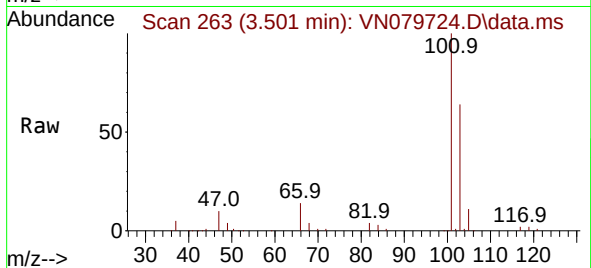
Tgt Ion: 64 Resp: 176567
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 48.446 ug/l
RT: 3.501 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN079724.D
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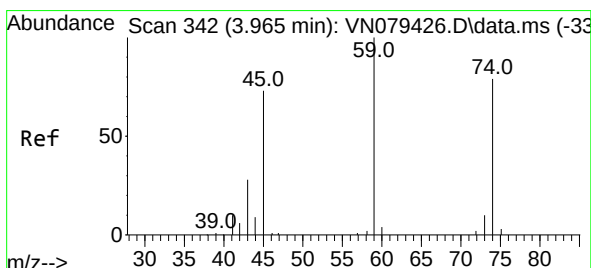
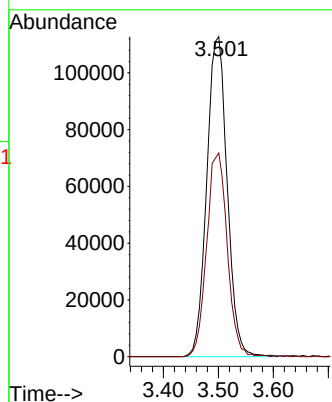
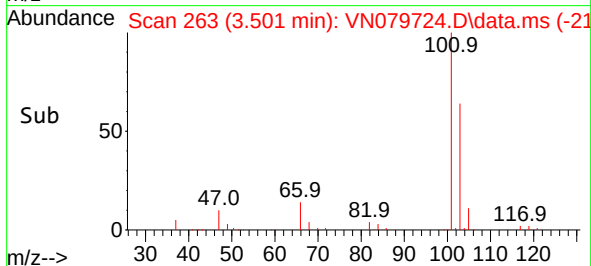
Instrument :
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Tgt Ion:101 Resp: 29145
Ion Ratio Lower Upper
101 100
103 63.6 50.7 76.1

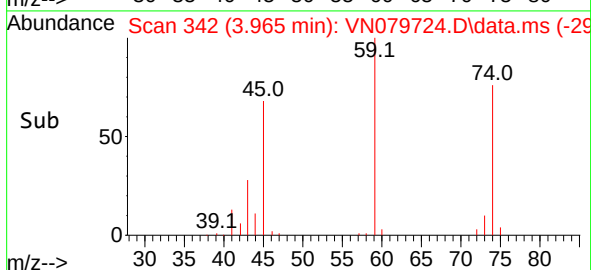
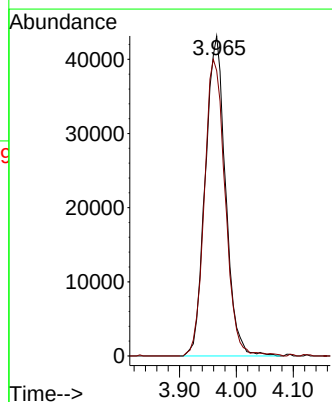
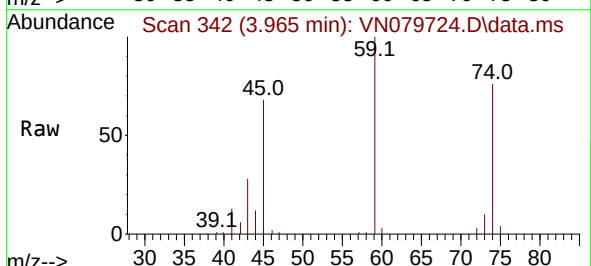
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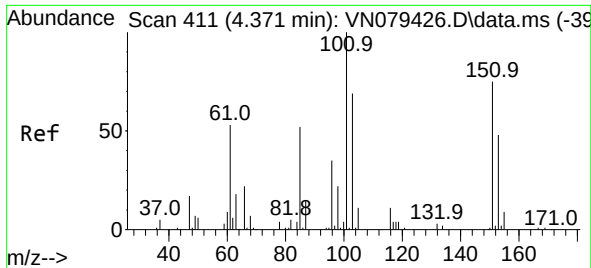
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#8
Diethyl Ether
Concen: 48.937 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 106540
Ion Ratio Lower Upper
74 100
45 95.3 34.4 103.3





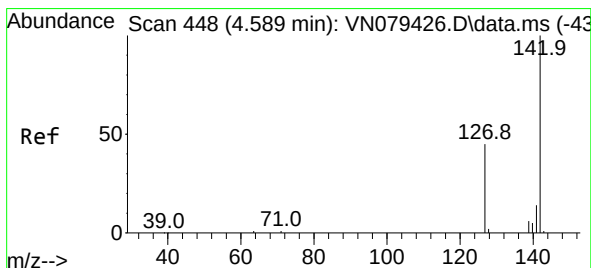
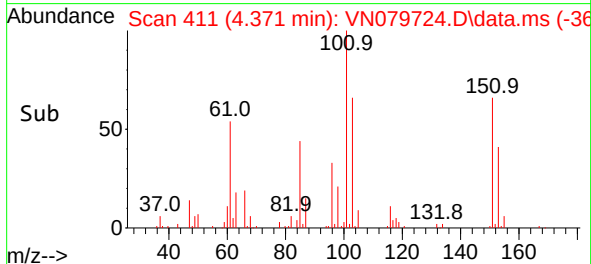
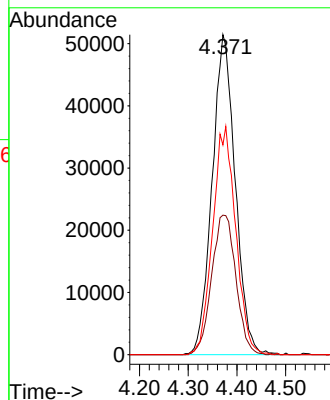
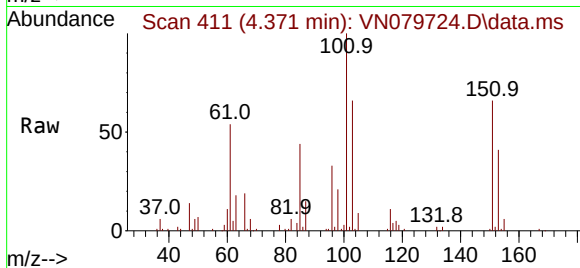
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.701 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023

Tgt Ion:101 Resp: 169694
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 71.2 57.6 86.4

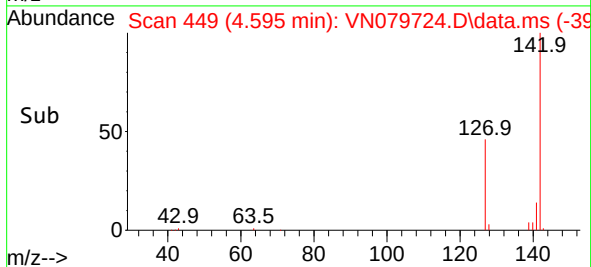
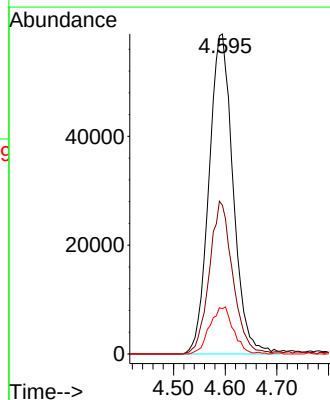
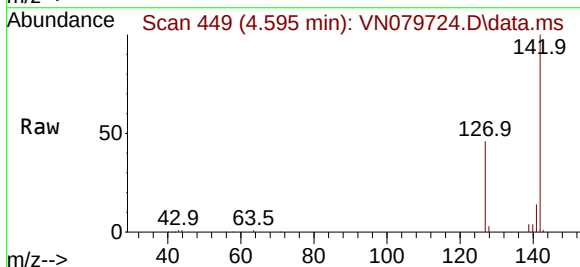
Manual Integrations
APPROVED

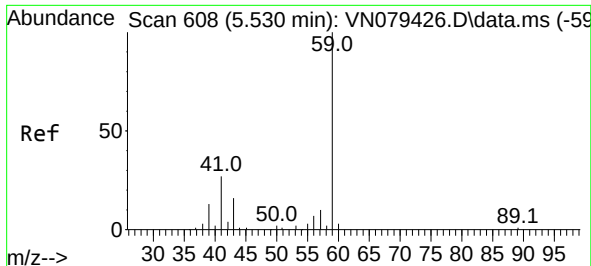
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 54.478 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Tgt Ion:142 Resp: 191047
Ion Ratio Lower Upper
142 100
127 46.4 37.6 56.4
141 14.2 11.4 17.0





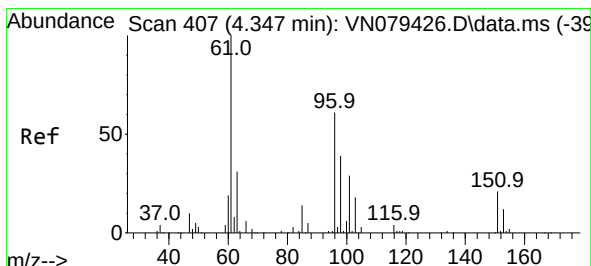
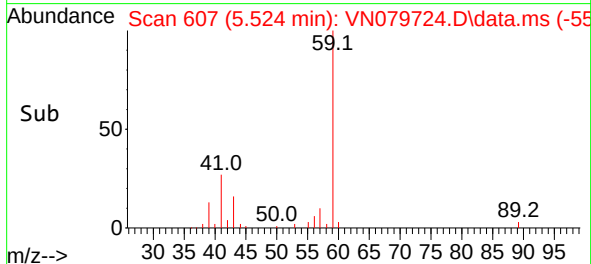
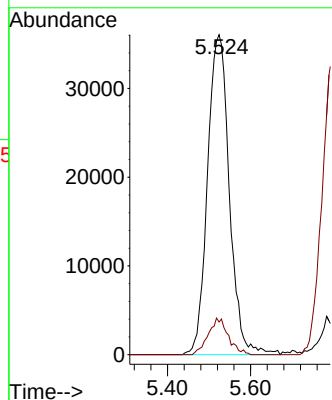
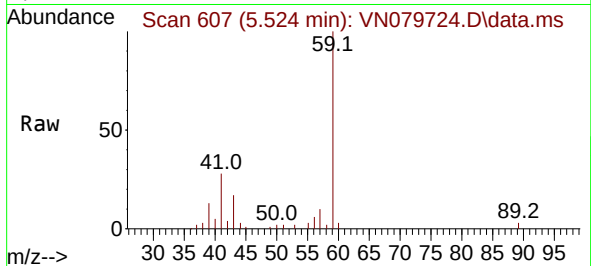
#11
Tert butyl alcohol
Concen: 207.850 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023

Tgt Ion: 59 Resp: 13150
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

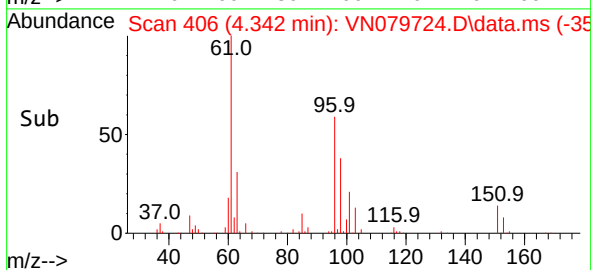
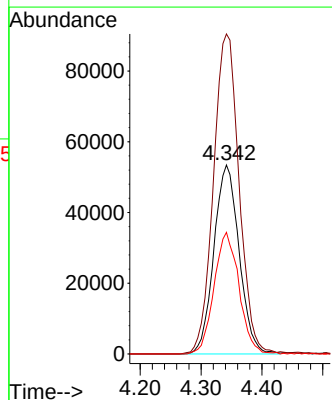
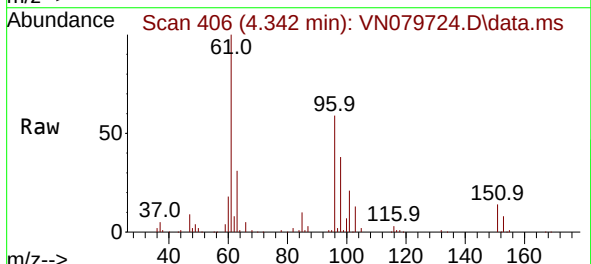
Manual Integrations
APPROVED

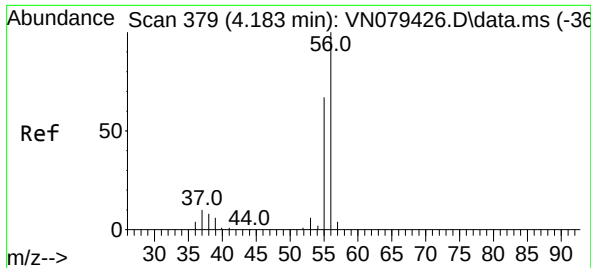
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#12
1,1-Dichloroethene
Concen: 47.127 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.005 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

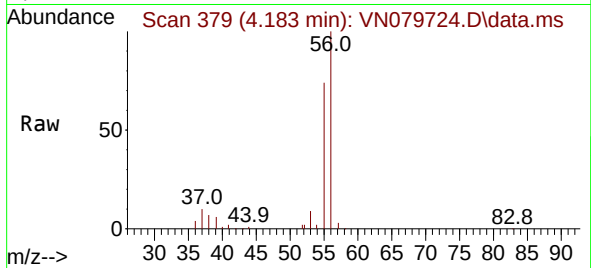
Tgt Ion: 96 Resp: 153804
Ion Ratio Lower Upper
96 100
61 169.4 112.7 169.1#
98 64.3 51.2 76.8





#13
Acrolein
Concen: 212.320 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

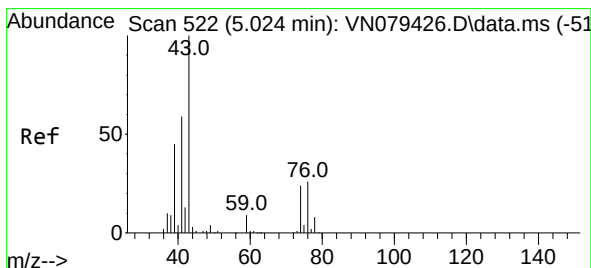
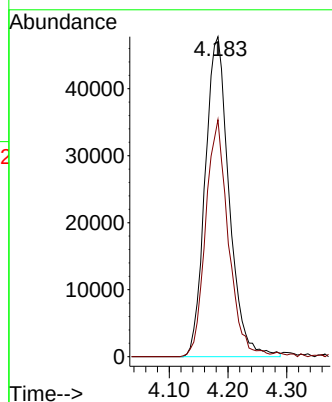
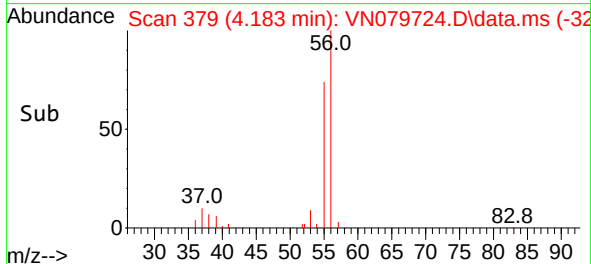
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 56 Resp: 13513
Ion Ratio Lower Upper
56 100
55 70.1 54.5 81.7

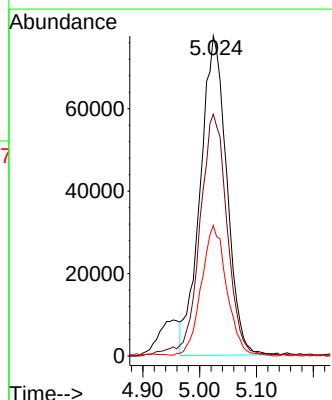
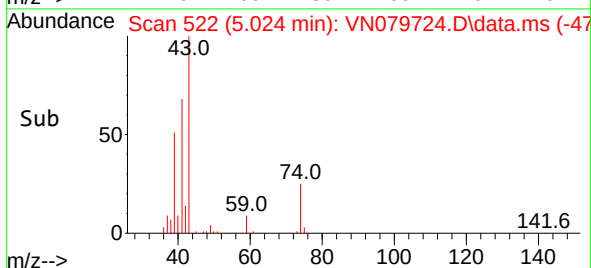
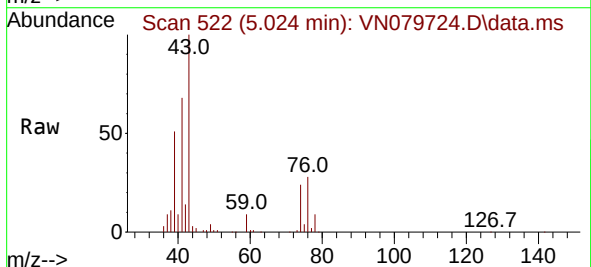
Manual Integrations
APPROVED

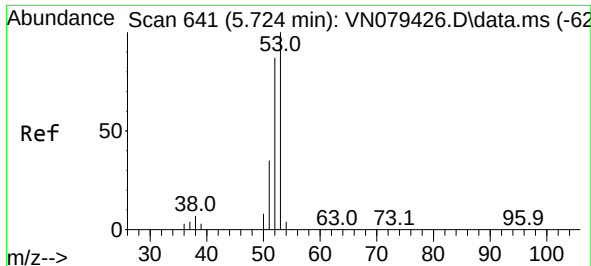
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#14
Allyl chloride
Concen: 45.776 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

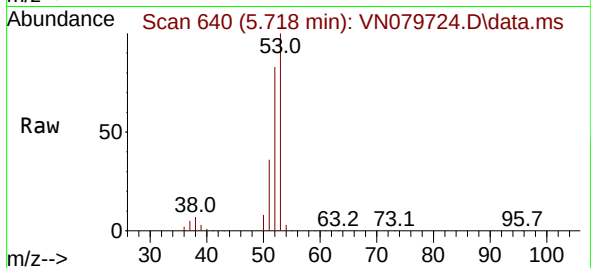
Tgt Ion: 41 Resp: 250541
Ion Ratio Lower Upper
41 100
39 78.6 58.8 88.2
76 39.5 39.1 58.7





#15
Acrylonitrile
Concen: 233.002 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

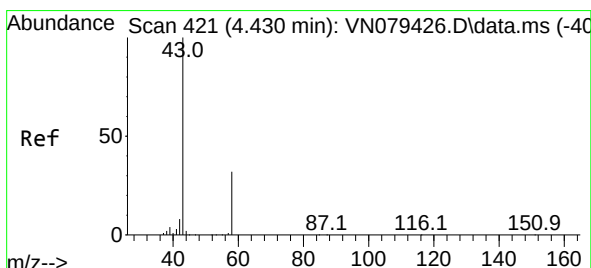
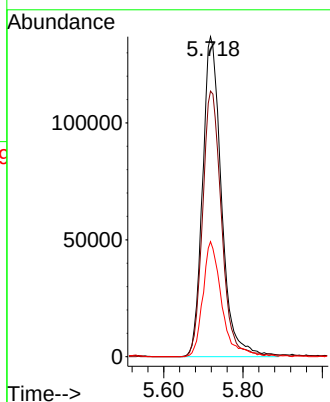
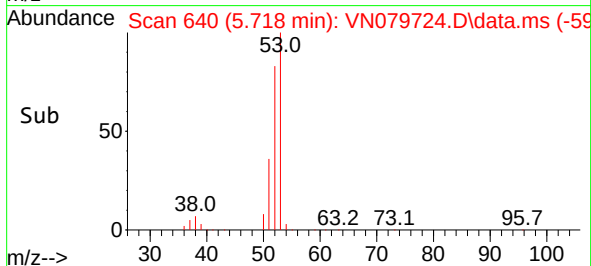
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 53 Resp: 453634
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 35.8 28.9 43.3

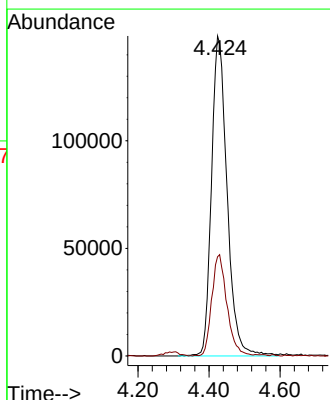
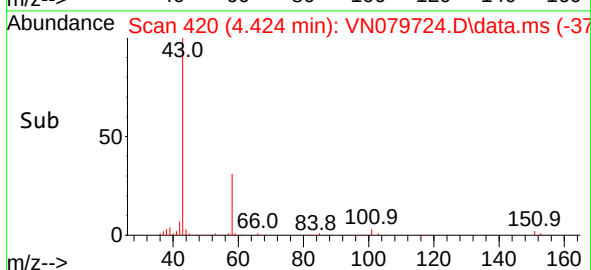
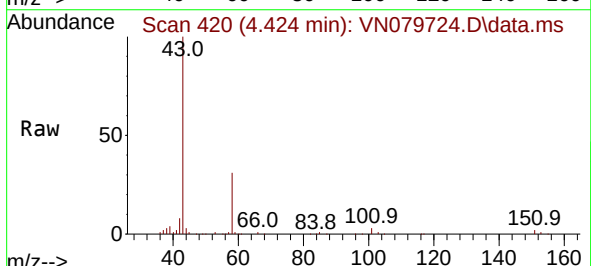
Manual Integrations
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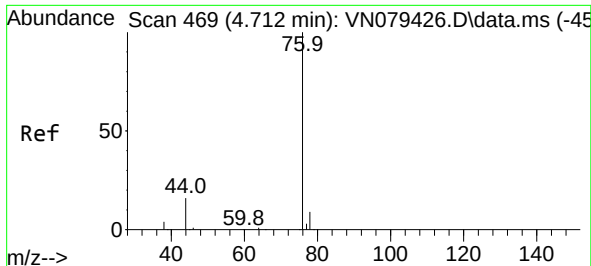
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 221.927 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

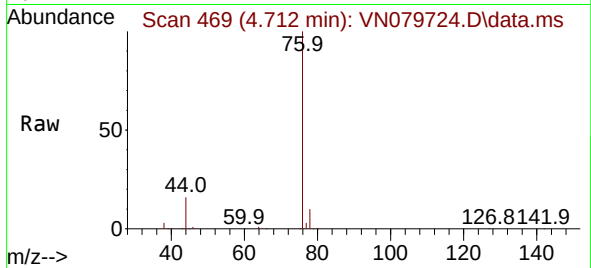
Tgt Ion: 43 Resp: 452917
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0





#17
Carbon Disulfide
Concen: 46.239 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

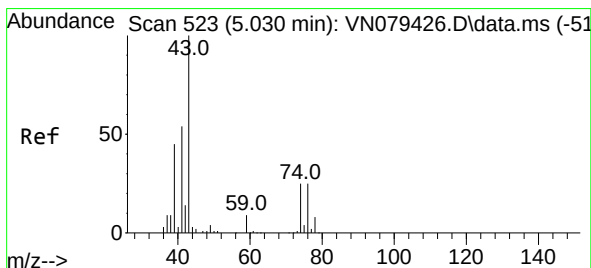
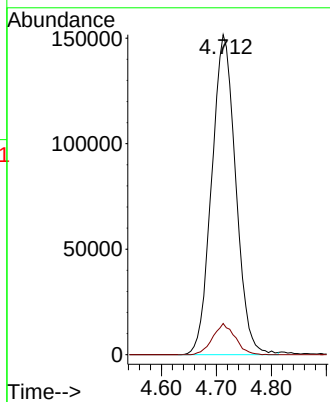
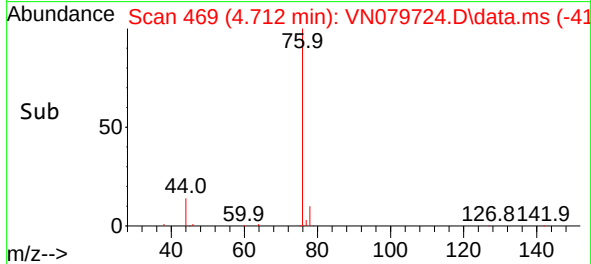
Instrument :
MSVOA_N
Client Sample Id :
ICVVN103023



Tgt Ion: 76 Resp: 460830
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

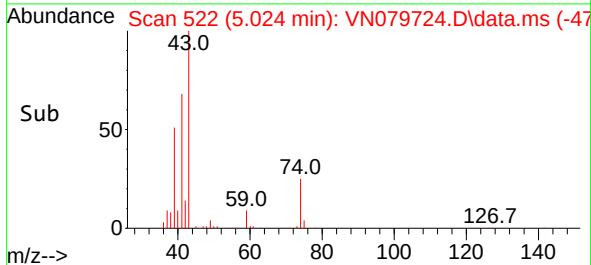
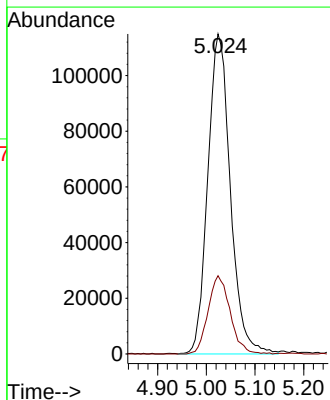
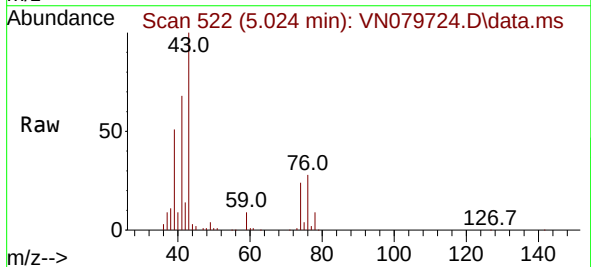
Manual Integrations
APPROVED

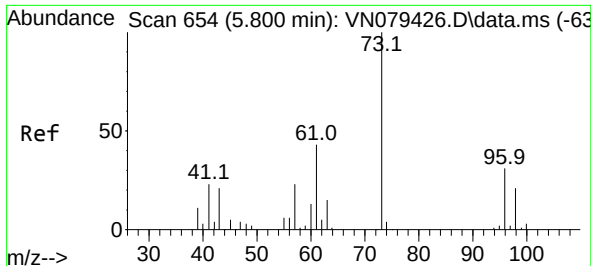
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 44.918 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Tgt Ion: 43 Resp: 369845
Ion Ratio Lower Upper
43 100
74 23.8 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 47.637 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

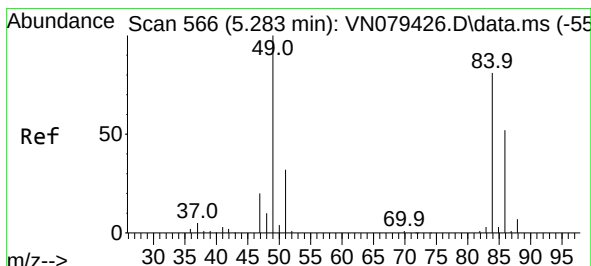
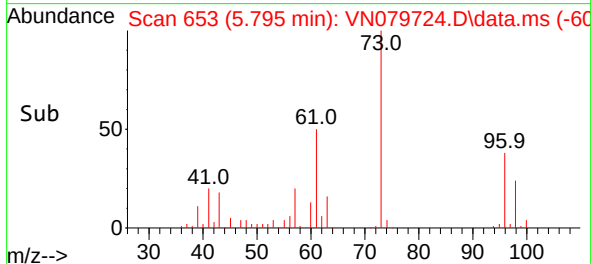
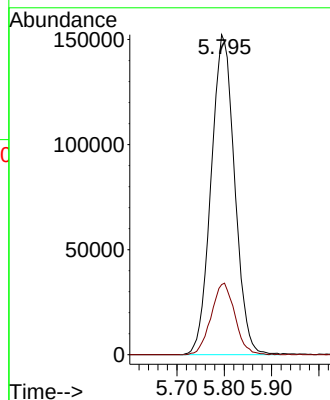
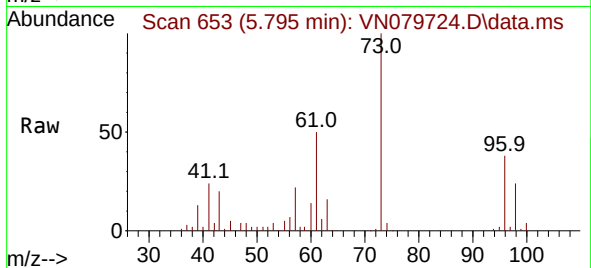
ICVVN103023

Tgt Ion: 73 Resp: 52603
Ion Ratio Lower Upper
73 100
57 21.9 15.6 23.4

Manual Integrations

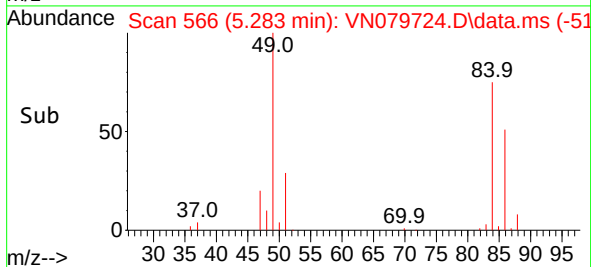
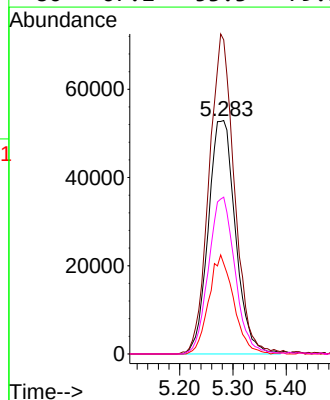
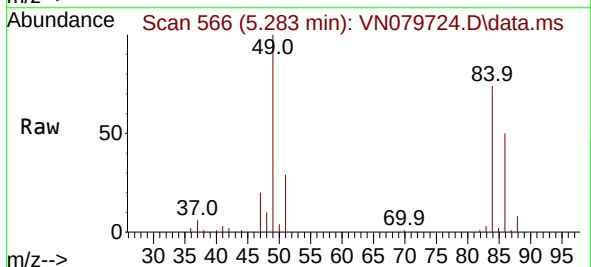
APPROVED

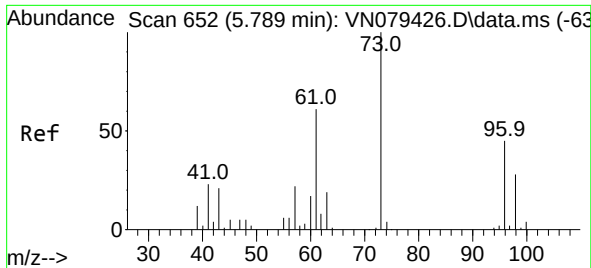
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#20
Methylene Chloride
Concen: 46.307 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Tgt Ion: 84 Resp: 187141
Ion Ratio Lower Upper
84 100
49 134.2 79.7 119.5#
51 38.6 25.2 37.8#
86 67.2 53.3 79.9





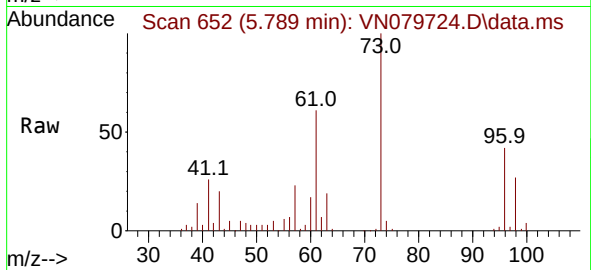
#21
trans-1,2-Dichloroethene
Concen: 48.750 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN103023



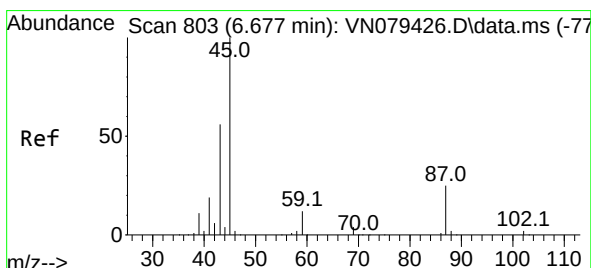
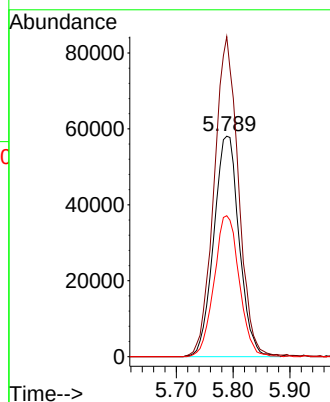
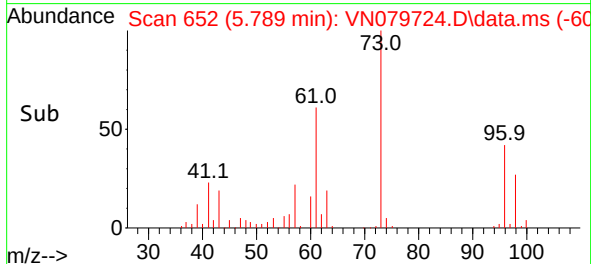
Tgt Ion: 96 Resp: 18059
Ion Ratio Lower Upper
96 100
61 145.1 90.1 135.1
98 63.9 46.4 69.6

Manual Integrations

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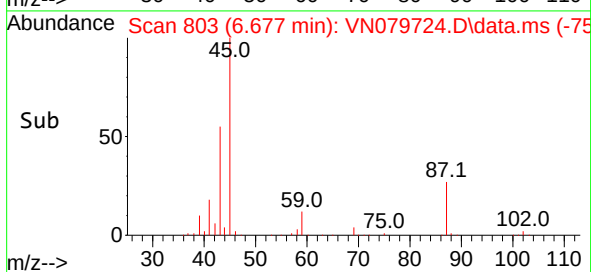
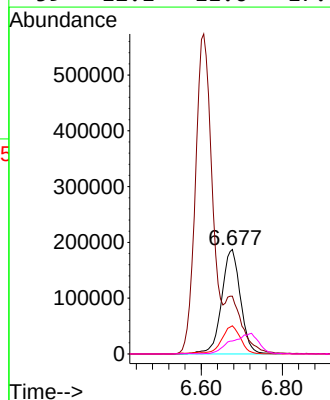
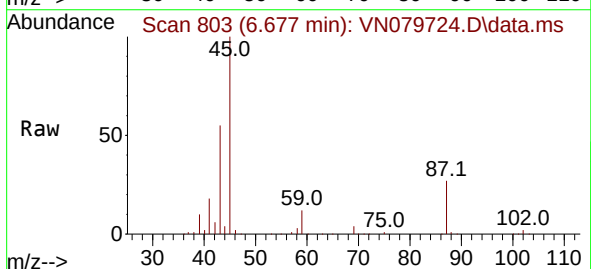
Reviewed By :John Carlone 10/31/2023

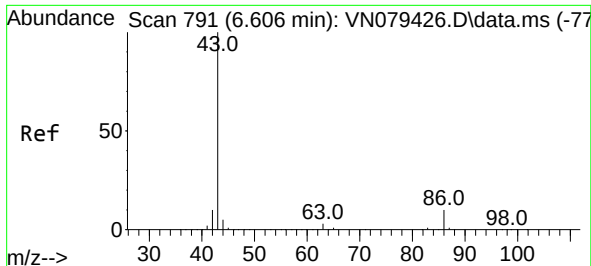
Supervised By :Mahesh Dadoda 10/31/2023



#22
Diisopropyl ether
Concen: 49.097 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Tgt Ion: 45 Resp: 604113
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 26.8 31.8 47.8
59 12.1 11.6 17.4





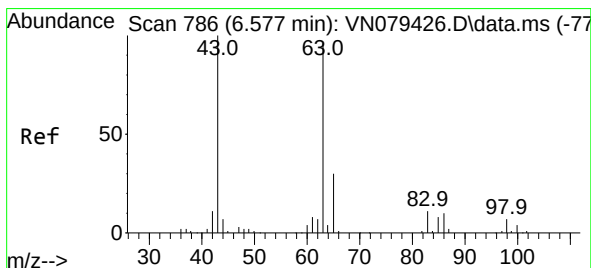
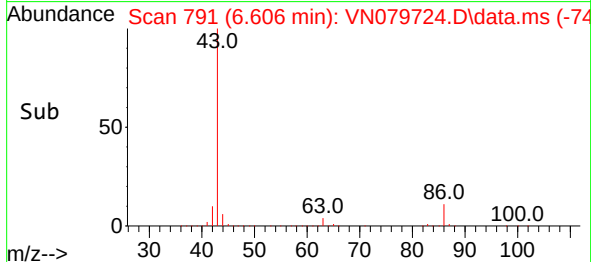
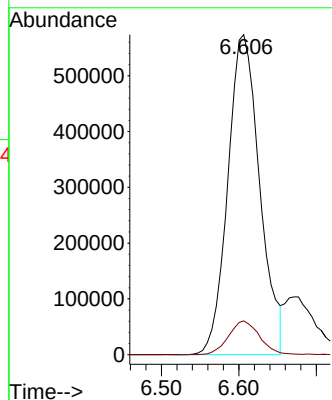
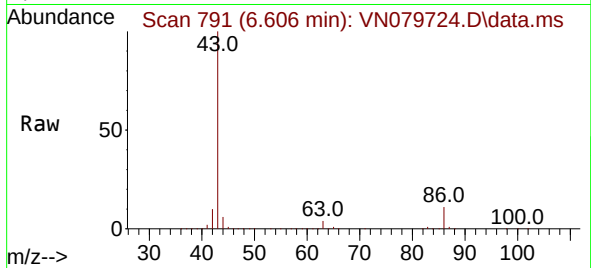
#23
 Vinyl Acetate
 Concen: 243.332 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079724.D
 Acq: 30 Oct 2023 15:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN103023

Tgt Ion: 43 Resp: 1648434
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6

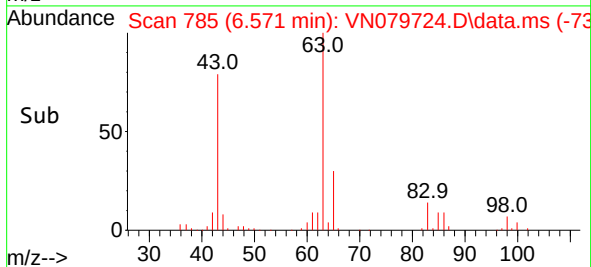
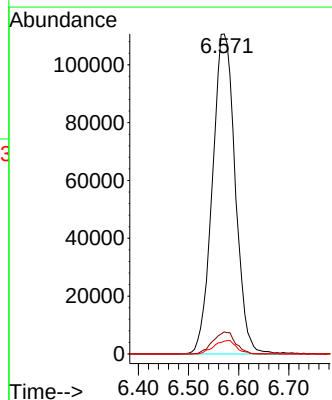
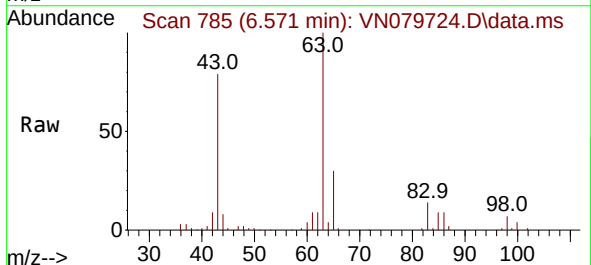
Manual Integrations
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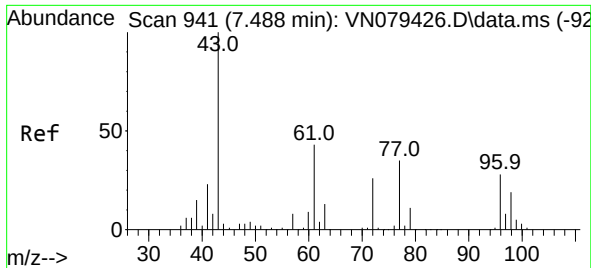
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 47.432 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079724.D
 Acq: 30 Oct 2023 15:26

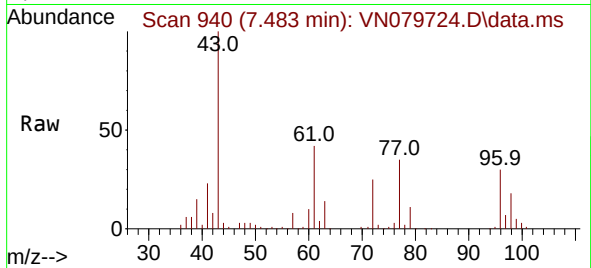
Tgt Ion: 63 Resp: 349726
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 226.780 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

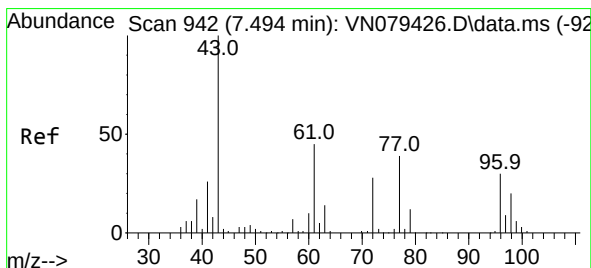
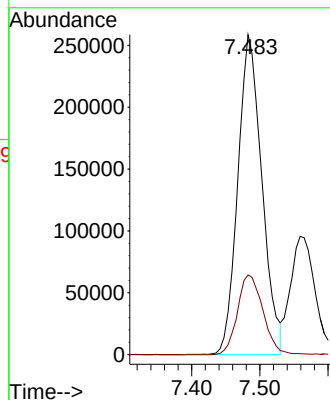
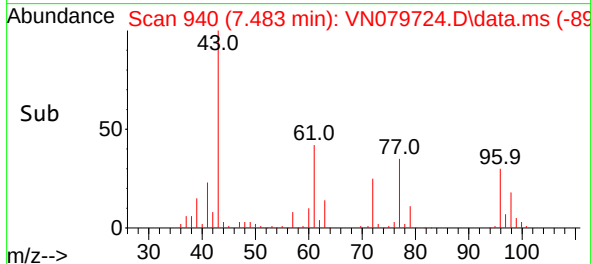
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 43 Resp: 635740
Ion Ratio Lower Upper
43 100
72 24.9 30.2 45.2

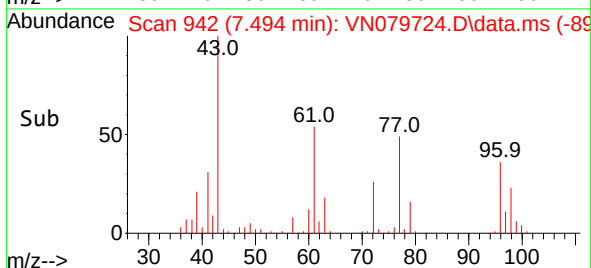
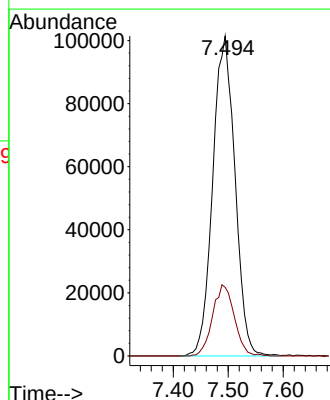
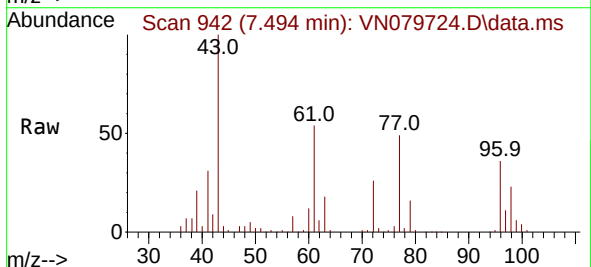
Manual Integrations
APPROVED

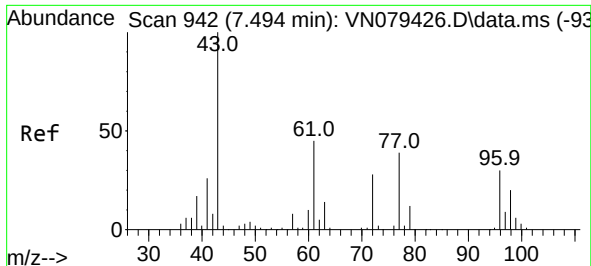
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#26
2,2-Dichloropropane
Concen: 47.775 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

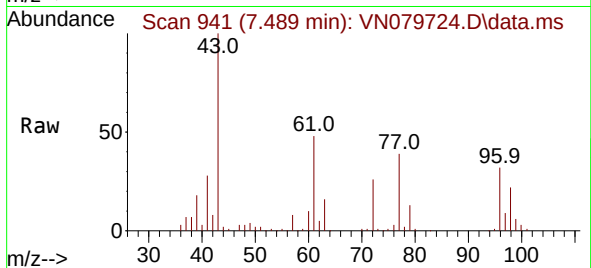
Tgt Ion: 77 Resp: 285038
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 48.444 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

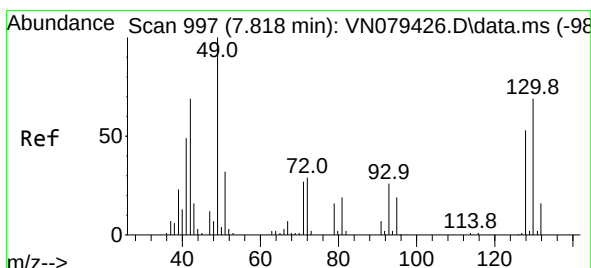
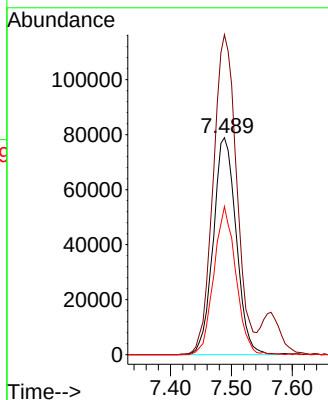
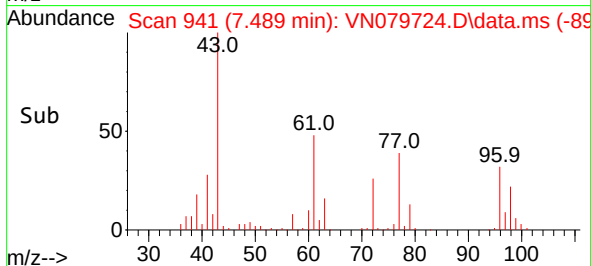
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 96 Resp: 206623
Ion Ratio Lower Upper
96 100
61 151.5 0.0 255.2
98 65.3 0.0 128.8

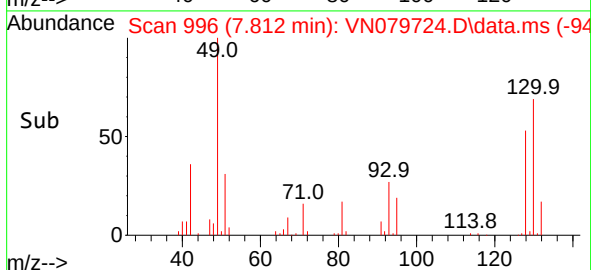
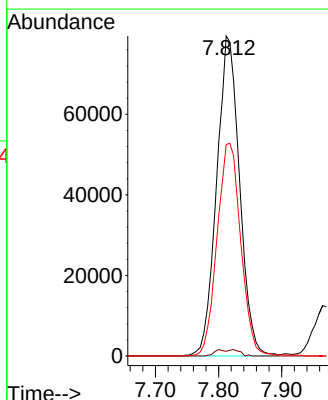
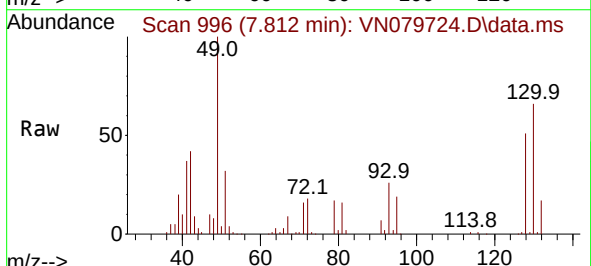
Manual Integrations
APPROVED

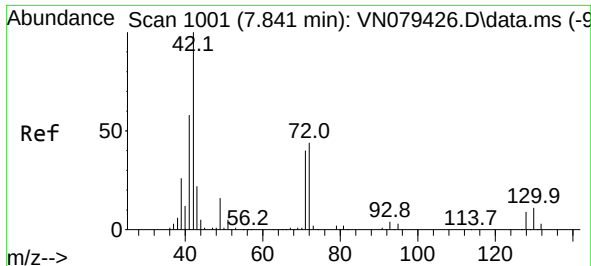
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#28
Bromochloromethane
Concen: 55.501 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Tgt Ion: 49 Resp: 200161
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.8
130 68.7 75.3 112.9#





#29

Tetrahydrofuran

Concen: 236.459 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079724.D

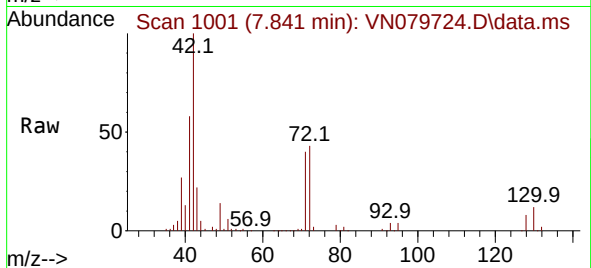
Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN103023



Tgt Ion: 42 Resp: 404960

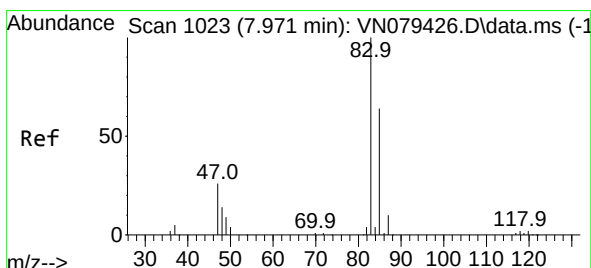
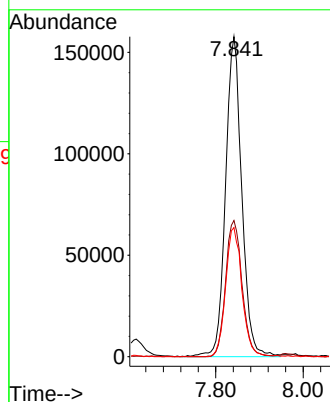
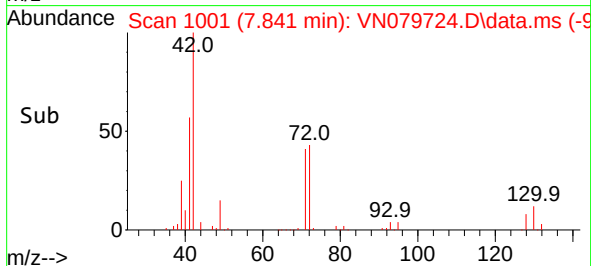
Ion	Ratio	Lower	Upper
42	100		
72	43.4	49.8	74.6
71	40.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 47.854 ug/l

RT: 7.971 min Scan# 1023

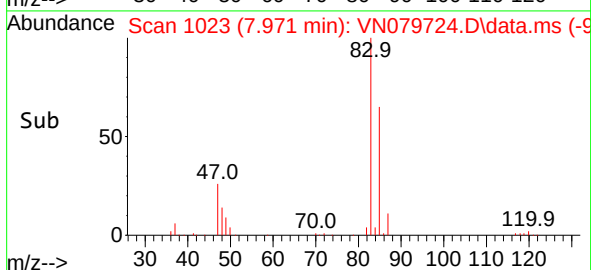
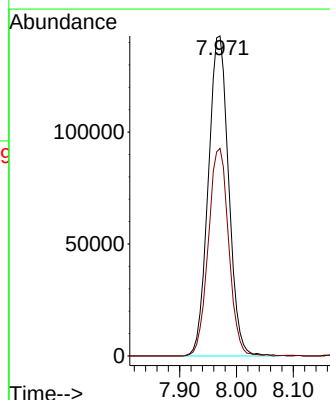
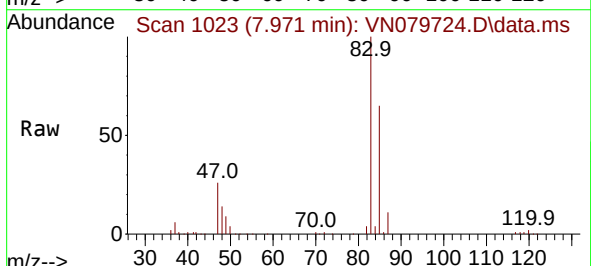
Delta R.T. -0.000 min

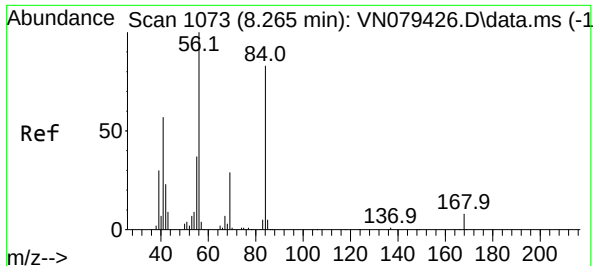
Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Tgt Ion: 83 Resp: 355293

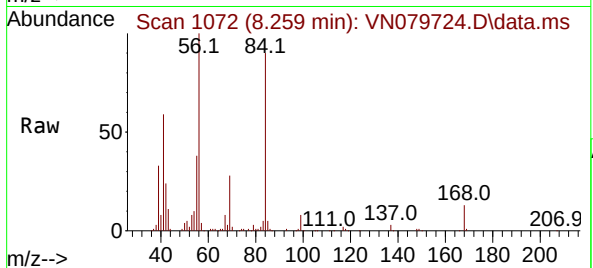
Ion	Ratio	Lower	Upper
83	100		
85	64.9	55.4	83.0





#31
Cyclohexane
Concen: 45.305 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

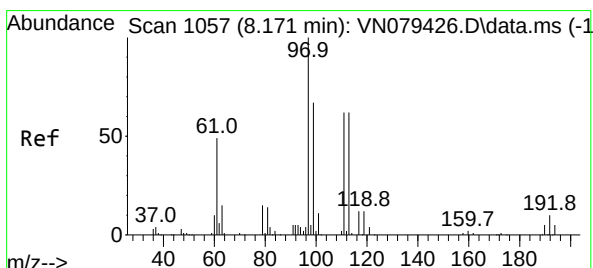
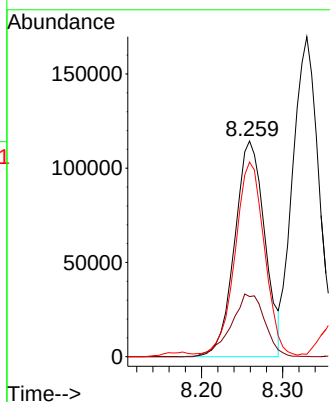
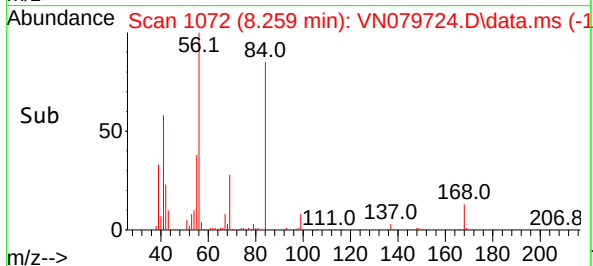
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 56 Resp: 294839
Ion Ratio Lower Upper
56 100
69 27.9 26.8 40.2
84 88.5 81.8 122.6

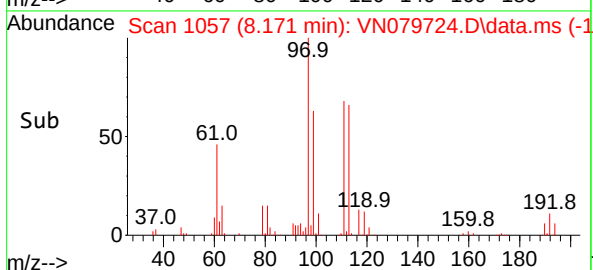
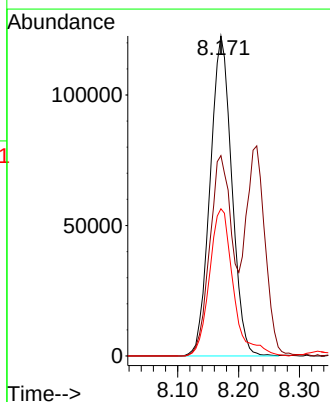
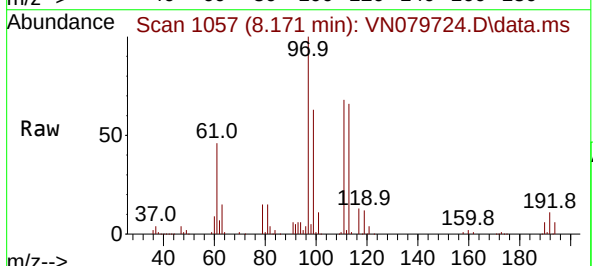
Manual Integrations
APPROVED

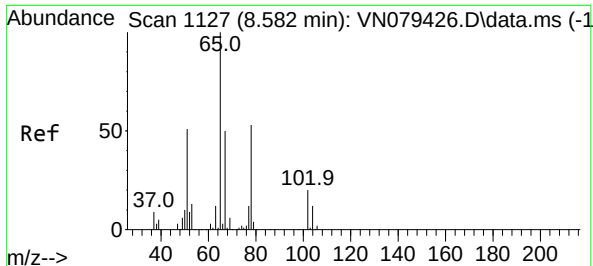
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#32
1,1,1-Trichloroethane
Concen: 47.106 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Tgt Ion: 97 Resp: 303186
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 50.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.238 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN103023

Tgt Ion: 65 Resp: 249184

Ion Ratio Lower Upper

65 100

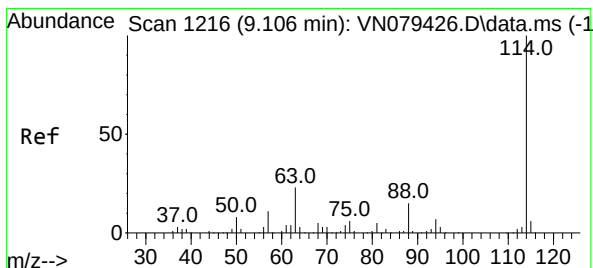
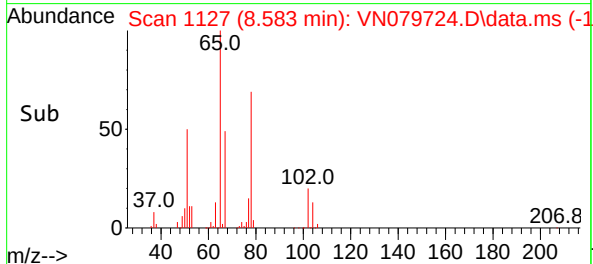
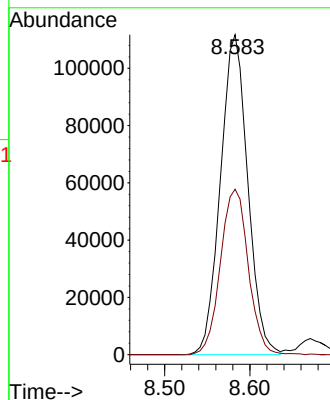
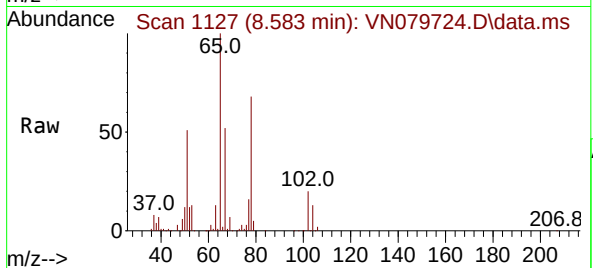
67 52.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

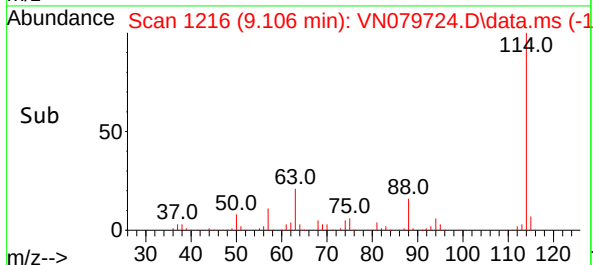
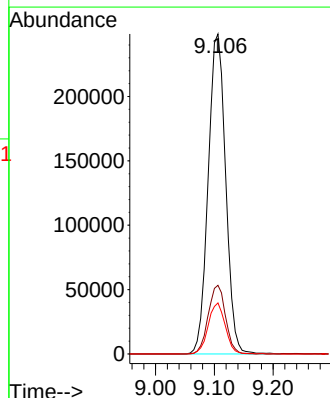
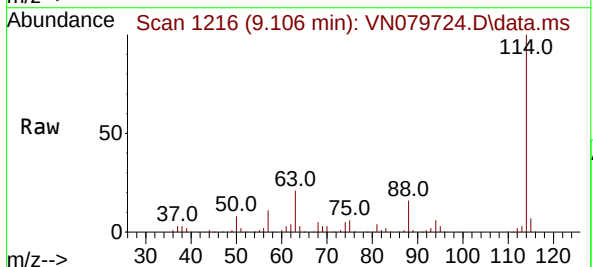
Tgt Ion:114 Resp: 513701

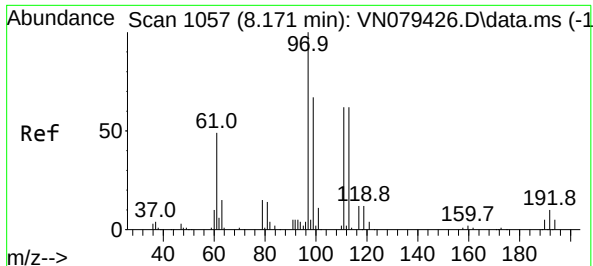
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.498 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN103023

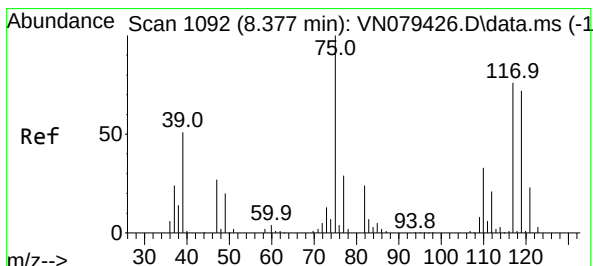
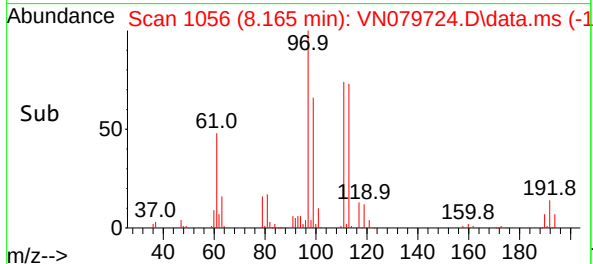
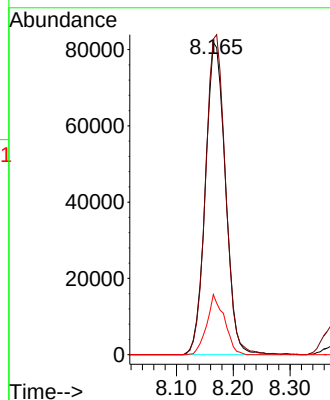
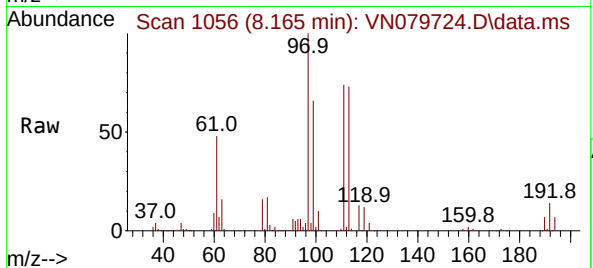
Tgt Ion: 113 Resp: 200044
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.6 123.8
 192 17.0 12.7 19.1

Manual Integrations

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 49.300 ug/l

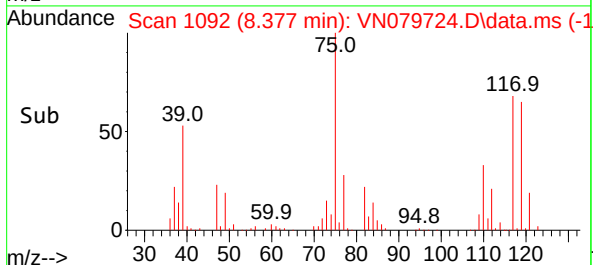
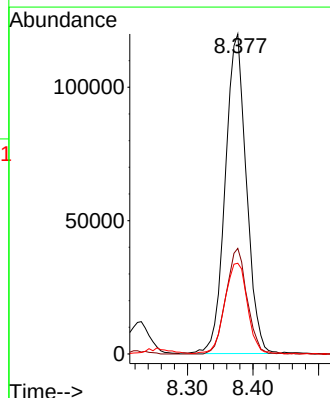
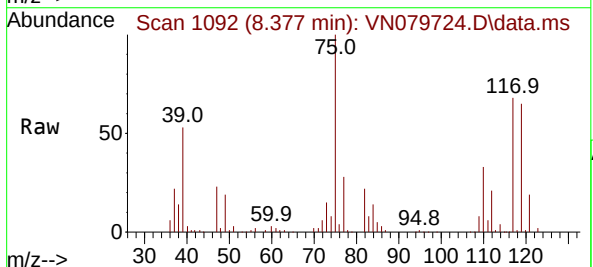
RT: 8.377 min Scan# 1092

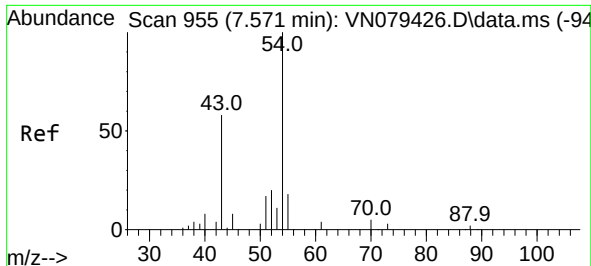
Delta R.T. -0.000 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Tgt Ion: 75 Resp: 268462
 Ion Ratio Lower Upper
 75 100
 110 33.0 19.1 57.3
 77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 45.545 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN103023

Tgt Ion: 43 Resp: 245830

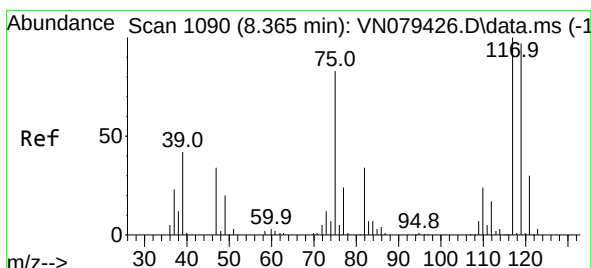
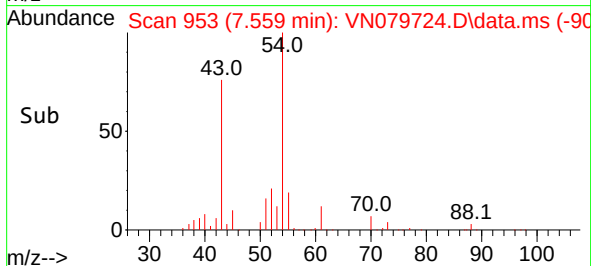
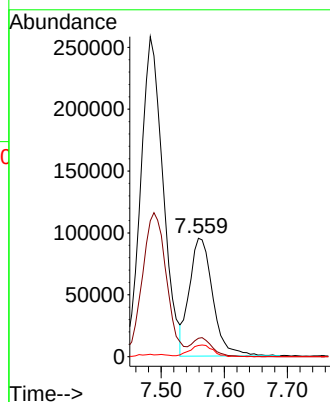
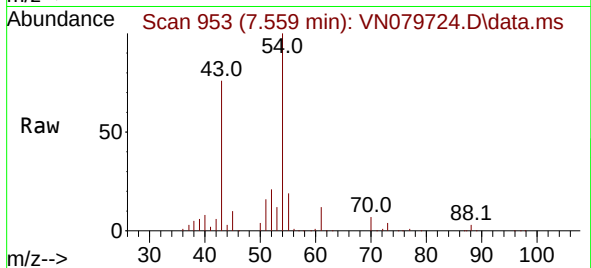
Ion	Ratio	Lower	Upper
43	100		
61	13.3	13.2	19.8
70	9.9	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#38

Carbon Tetrachloride

Concen: 48.758 ug/l

RT: 8.365 min Scan# 1090

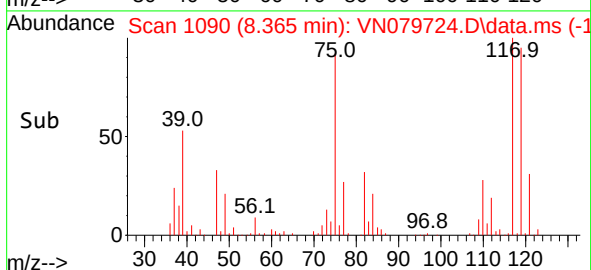
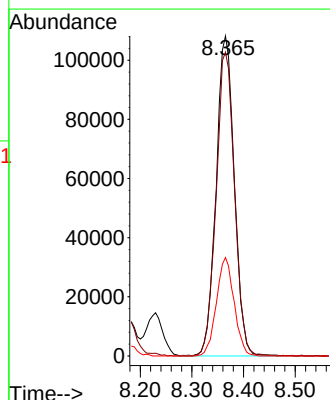
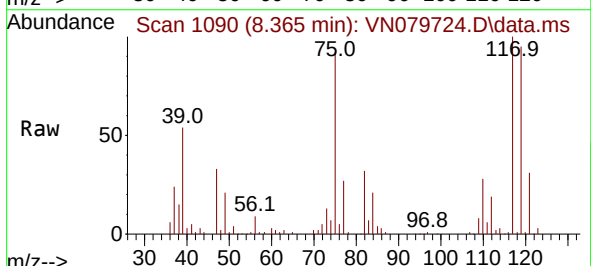
Delta R.T. -0.000 min

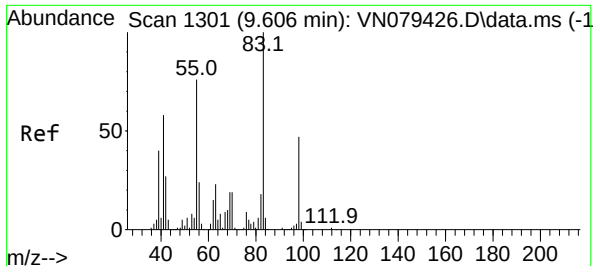
Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Tgt Ion:117 Resp: 264775

Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.3	115.9
121	30.8	23.3	34.9





#39

Methylcyclohexane

Concen: 49.939 ug/l

RT: 9.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN103023

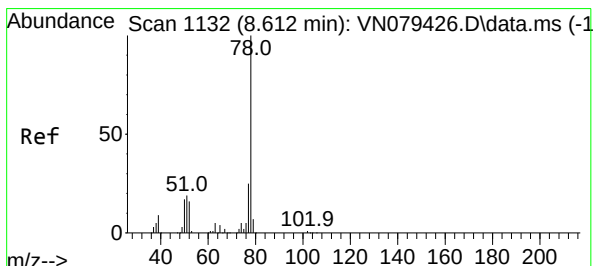
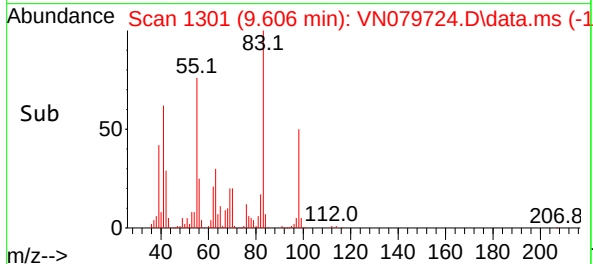
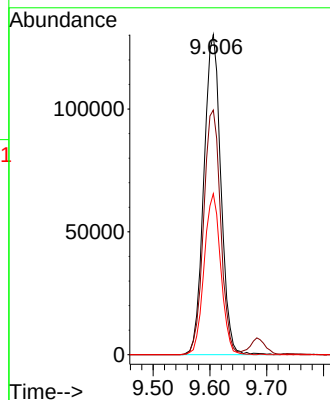
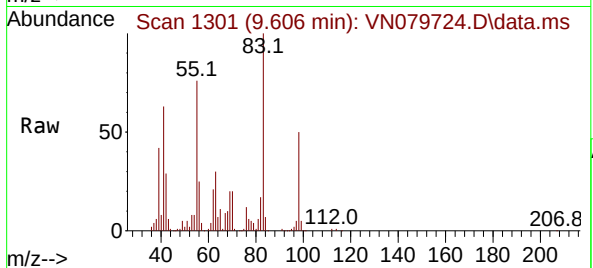
Tgt Ion: 83 Resp: 270490
 Ion Ratio Lower Upper
 83 100
 55 76.4 49.1 73.7
 98 50.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 49.314 ug/l

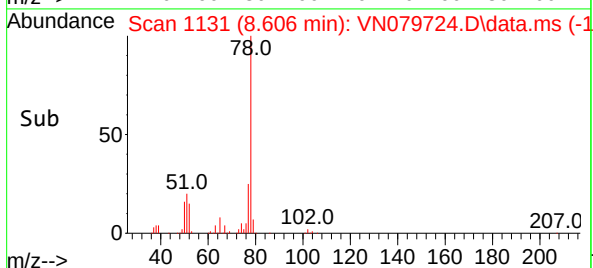
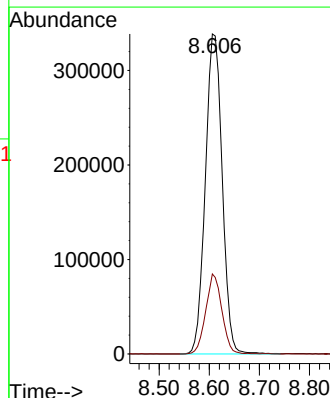
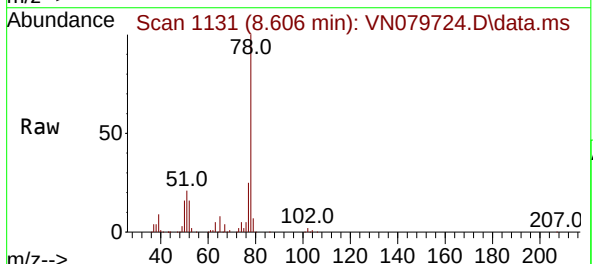
RT: 8.606 min Scan# 1131

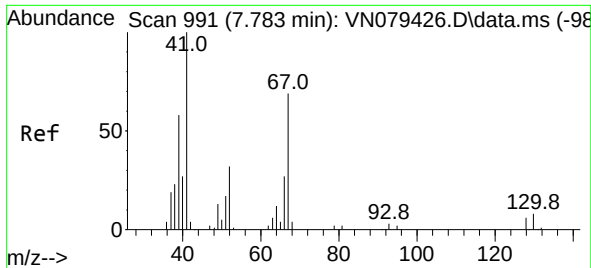
Delta R.T. -0.006 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

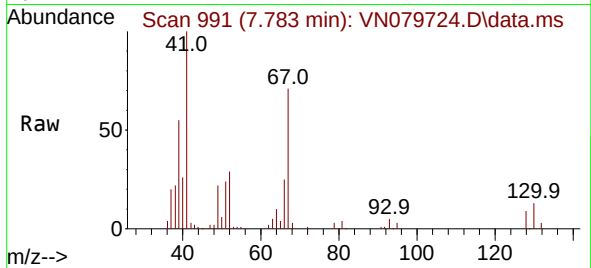
Tgt Ion: 78 Resp: 792561
 Ion Ratio Lower Upper
 78 100
 77 25.0 19.0 28.6





#41
Methacrylonitrile
Concen: 47.569 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

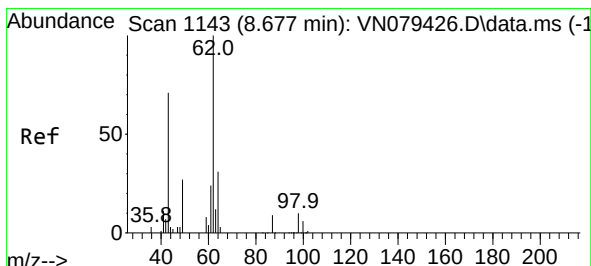
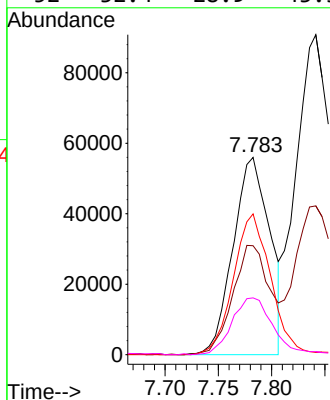
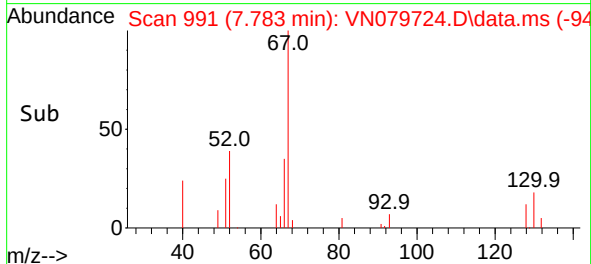
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 41 Resp: 133914
Ion Ratio Lower Upper
41 100
39 55.8 42.6 64.0
67 73.2 77.5 116.3
52 32.4 28.9 43.3

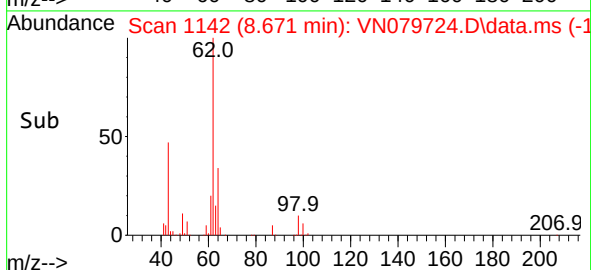
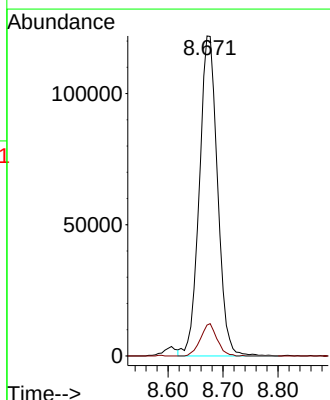
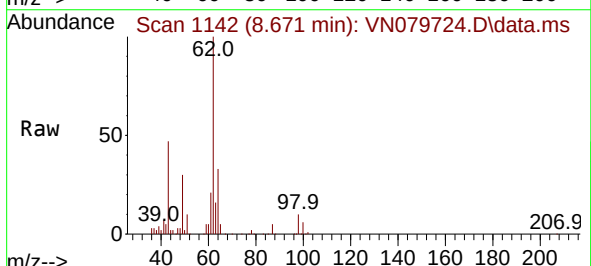
Manual Integrations
APPROVED

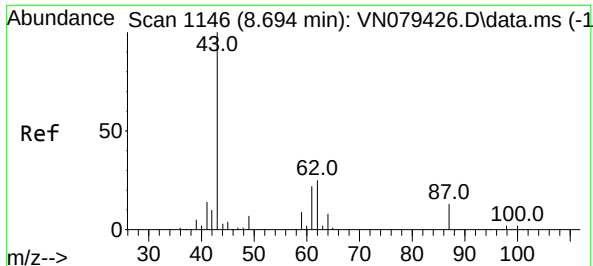
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 48.005 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Tgt Ion: 62 Resp: 280217
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 46.776 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN103023

Tgt Ion: 43 Resp: 403630

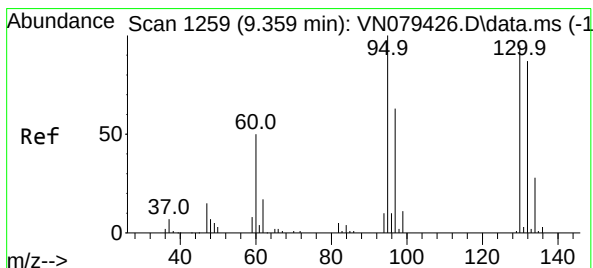
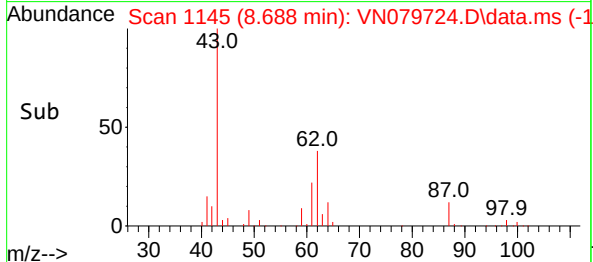
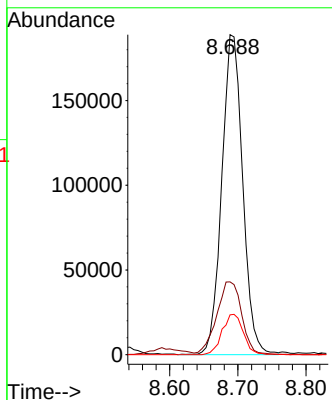
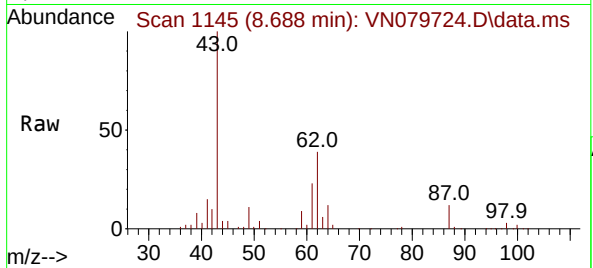
Ion	Ratio	Lower	Upper
43	100		
61	27.3	24.7	37.1
87	12.7	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#44

Trichloroethene

Concen: 48.474 ug/l

RT: 9.353 min Scan# 1258

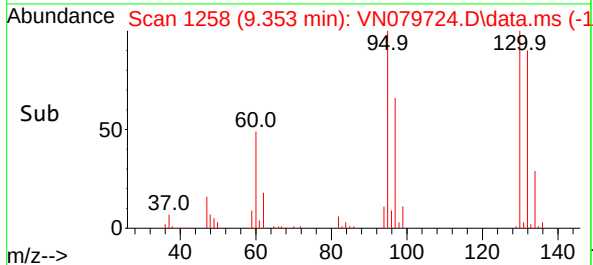
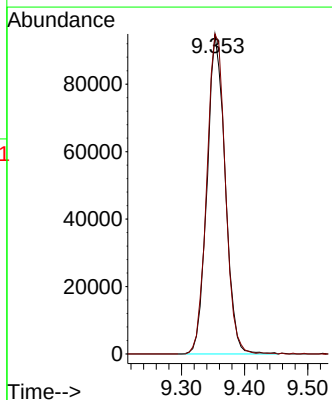
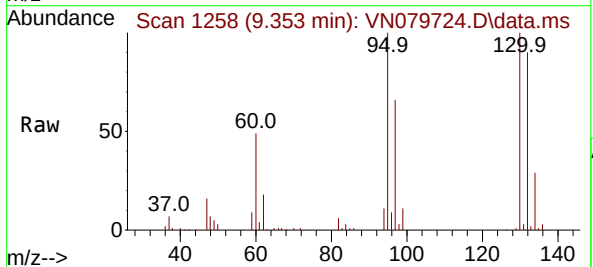
Delta R.T. -0.006 min

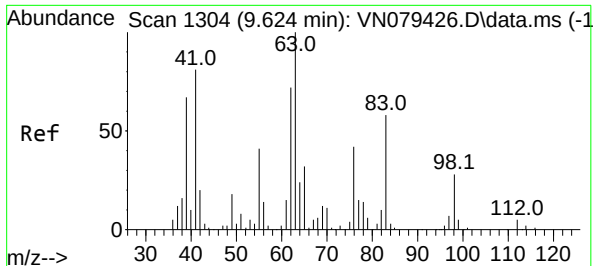
Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Tgt Ion:130 Resp: 188718

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	204.6





#45

1,2-Dichloropropane

Concen: 48.513 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN103023

Tgt Ion: 63 Resp: 207080

Ion Ratio Lower Upper

63 100

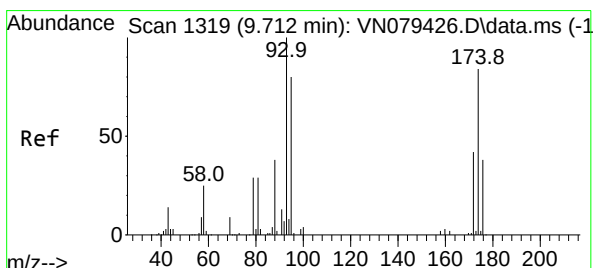
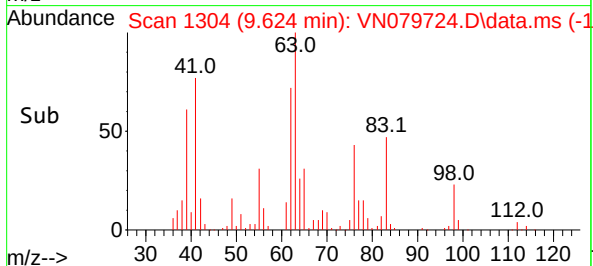
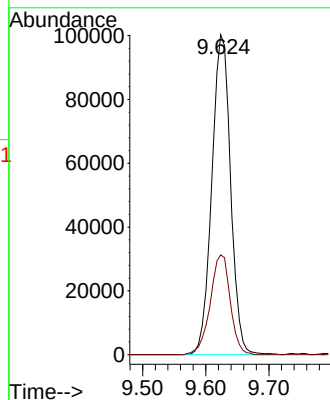
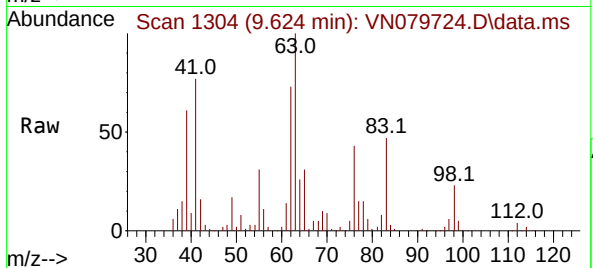
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 48.347 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

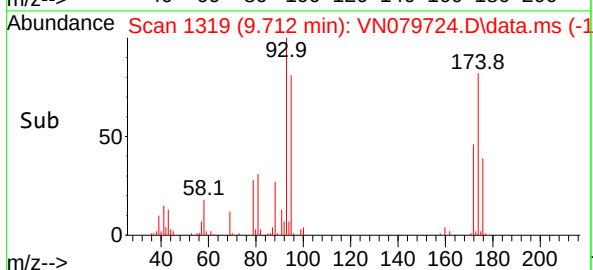
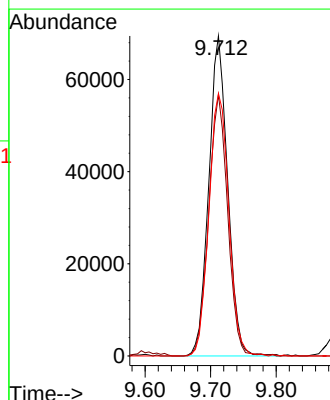
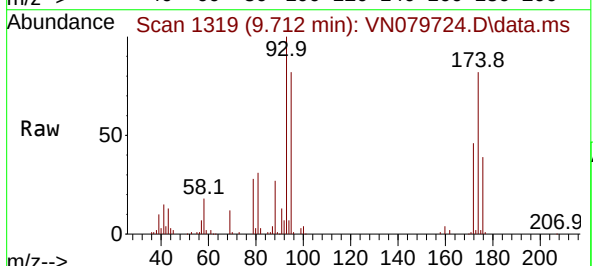
Tgt Ion: 93 Resp: 139190

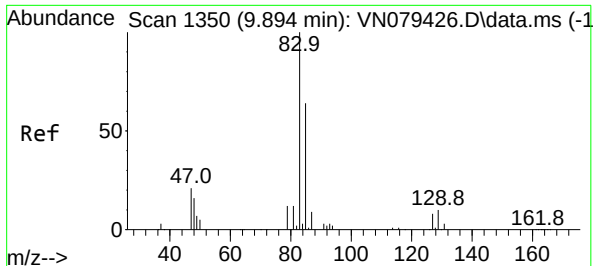
Ion Ratio Lower Upper

93 100

95 82.3 63.8 95.8

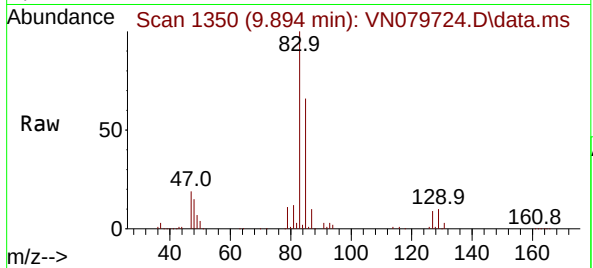
174 86.3 65.6 98.4





#47
Bromodichloromethane
Concen: 48.470 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

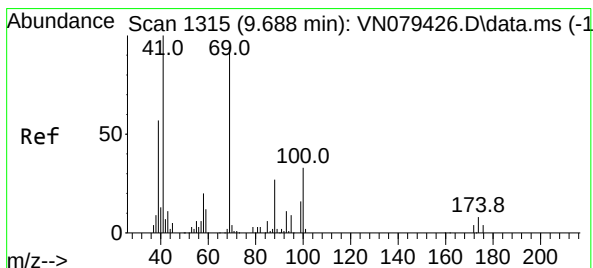
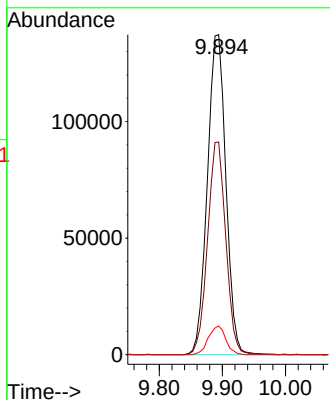
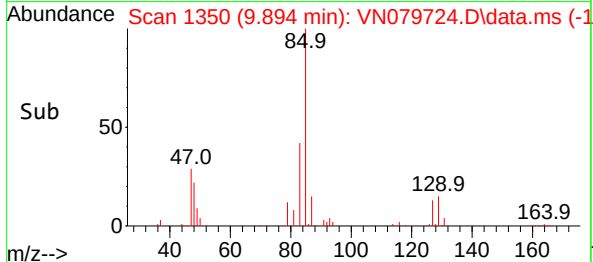
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 83 Resp: 279938
Ion Ratio Lower Upper
83 100
85 66.5 49.6 74.4
127 8.9 7.0 10.6

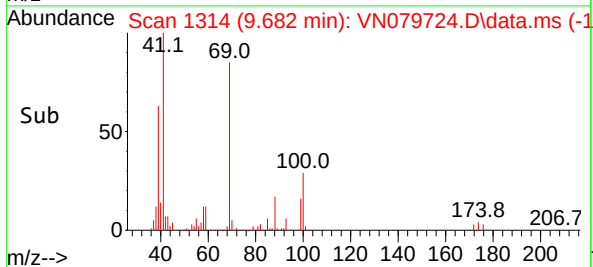
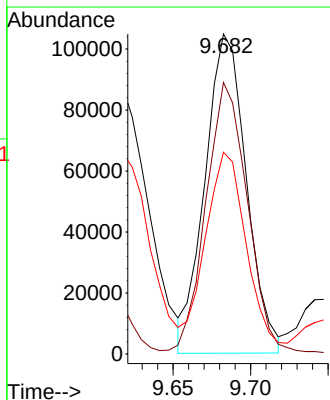
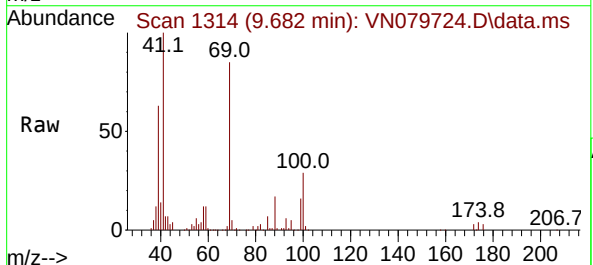
Manual Integrations
APPROVED

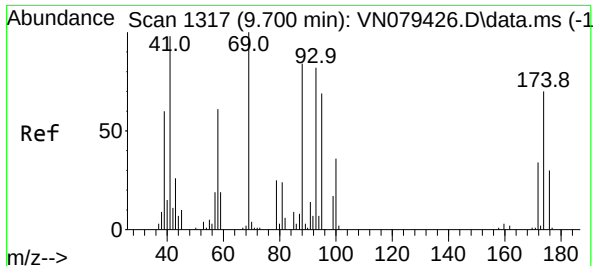
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#48
Methyl methacrylate
Concen: 48.603 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

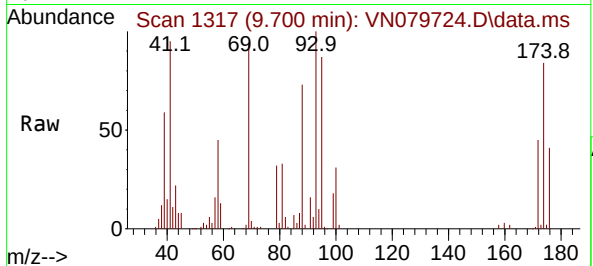
Tgt Ion: 41 Resp: 194437
Ion Ratio Lower Upper
41 100
69 86.5 90.4 135.6#
39 63.5 54.6 81.8





#49
1,4-Dioxane
Concen: 967.494 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

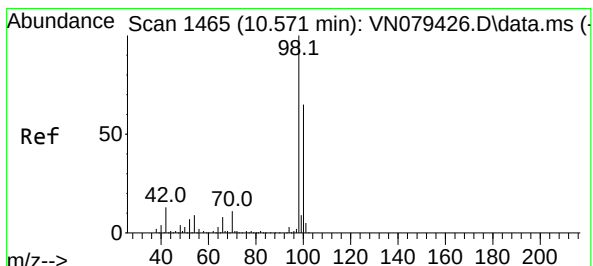
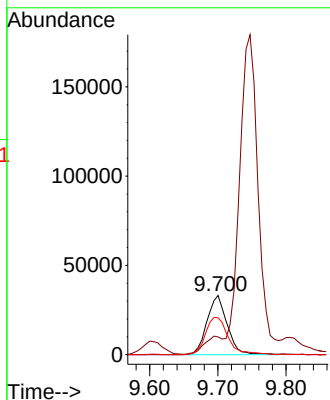
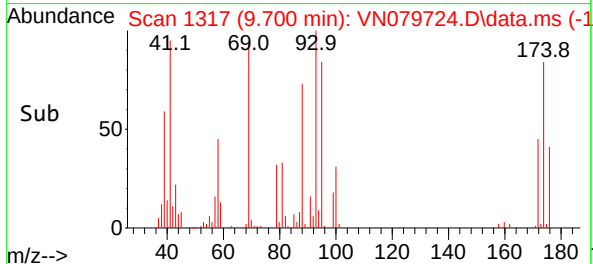
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 88 Resp: 68110
Ion Ratio Lower Upper
88 100
43 26.5 17.0 25.6
58 71.1 47.0 70.4

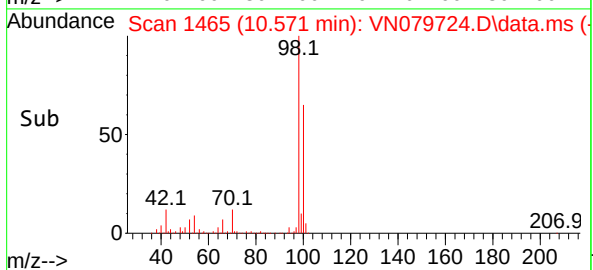
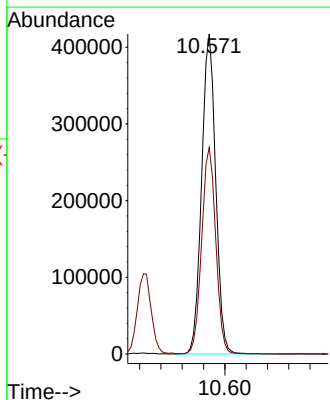
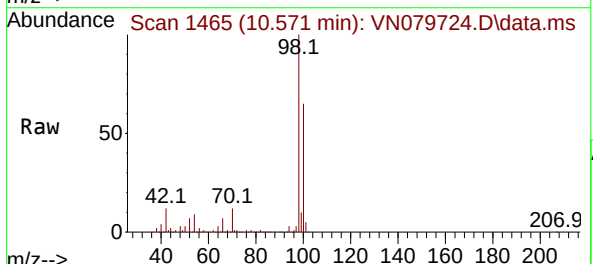
Manual Integrations
APPROVED

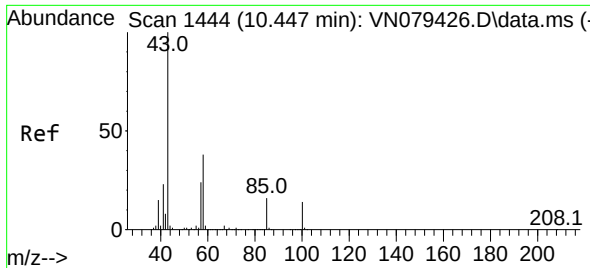
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#50
Toluene-d8
Concen: 55.753 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

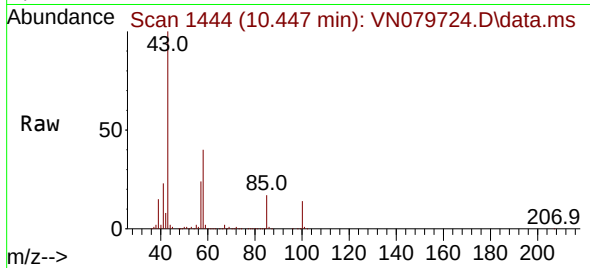
Tgt Ion: 98 Resp: 762912
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 239.421 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

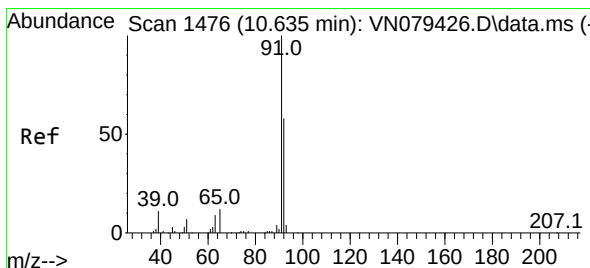
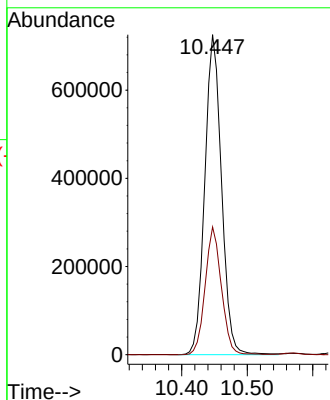
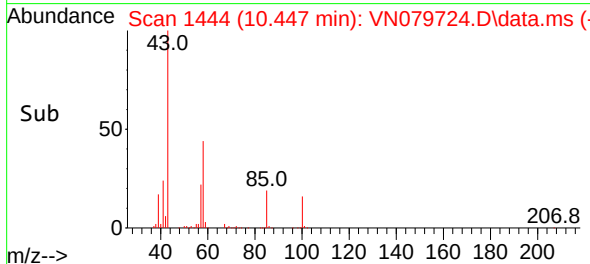
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 43 Resp: 128546
Ion Ratio Lower Upper
43 100
58 38.8 36.6 54.8

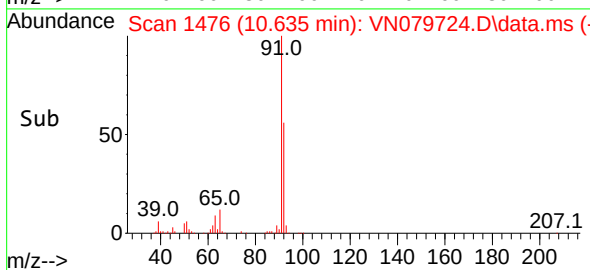
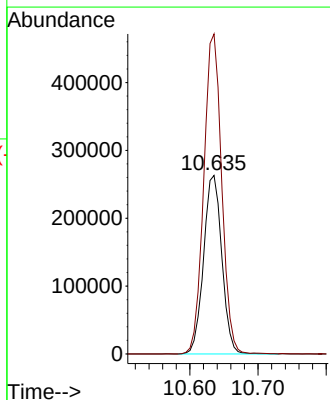
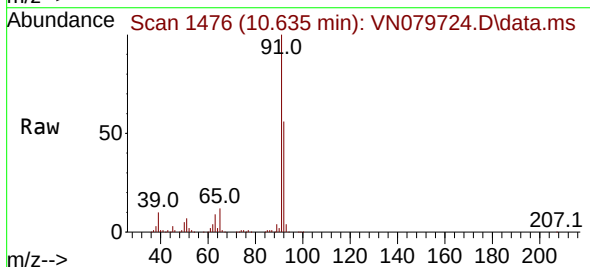
Manual Integrations
APPROVED

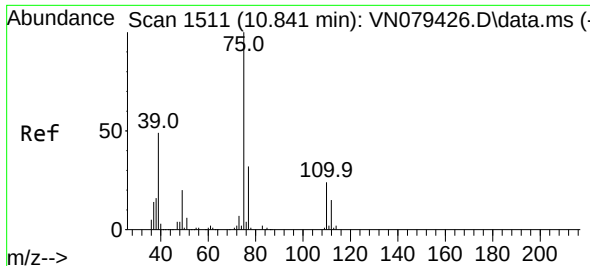
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#52
Toluene
Concen: 49.840 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

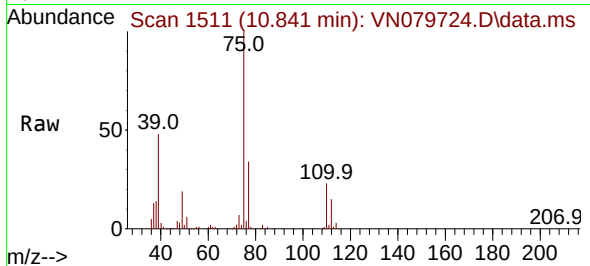
Tgt Ion: 92 Resp: 489016
Ion Ratio Lower Upper
92 100
91 176.6 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 50.036 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079724.D
 Acq: 30 Oct 2023 15:26

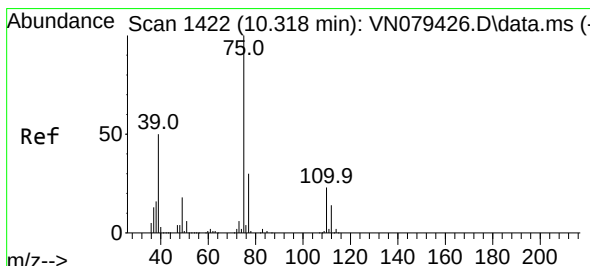
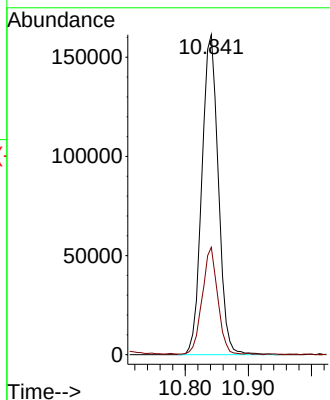
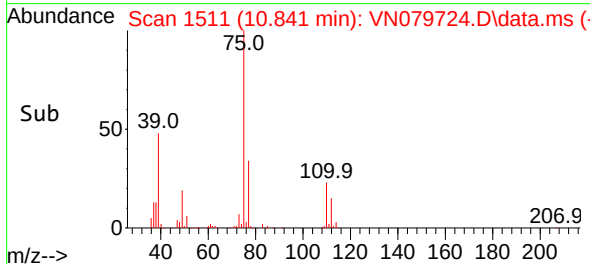
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN103023



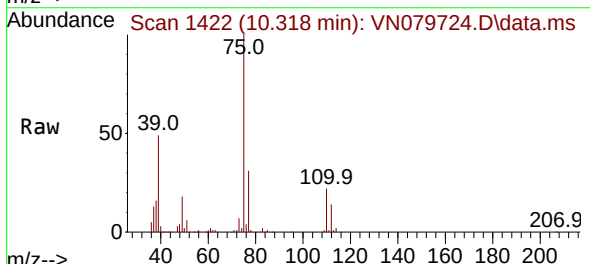
Tgt Ion: 75 Resp: 291818
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0

Manual Integrations
 APPROVED

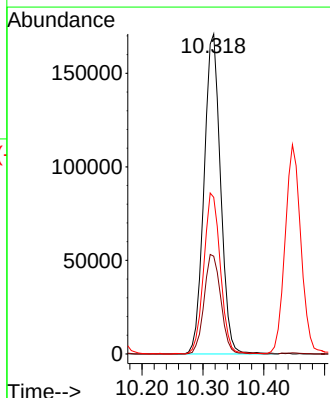
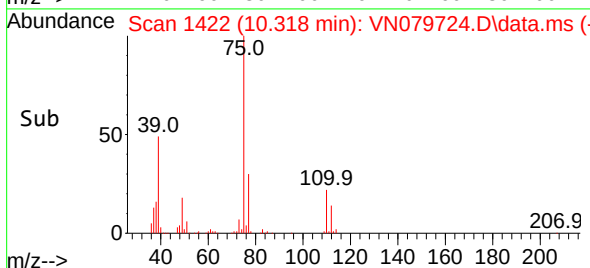
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

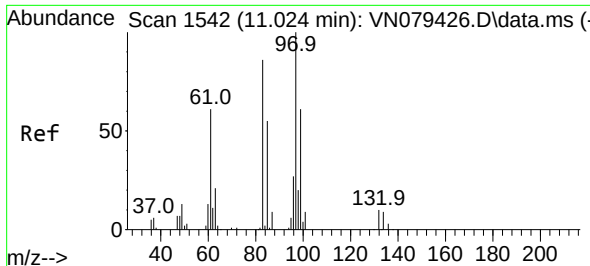


#54
 cis-1,3-Dichloropropene
 Concen: 50.478 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079724.D
 Acq: 30 Oct 2023 15:26



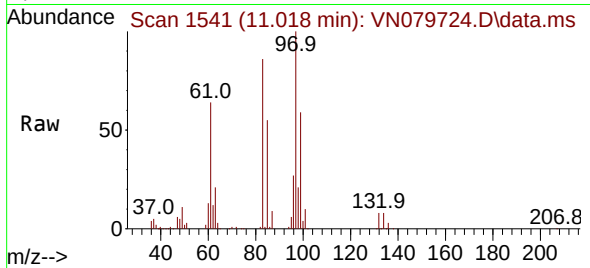
Tgt Ion: 75 Resp: 322086
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.1 39.1
 39 48.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 48.740 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

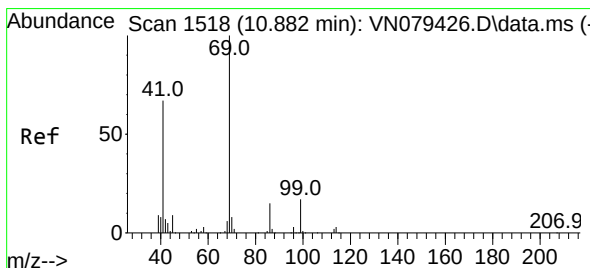
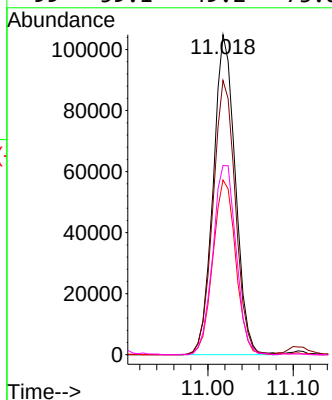
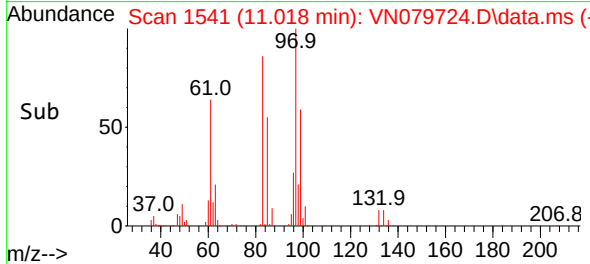
Instrument : MSVOA_N
ClientSampleId : ICVVN103023



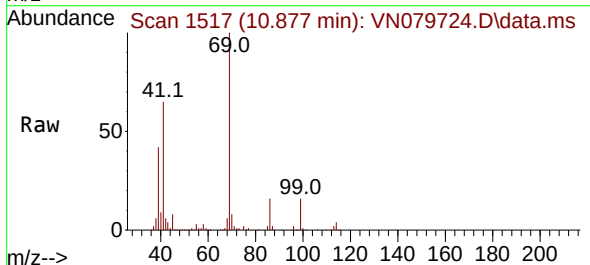
Tgt Ion: 97 Resp: 189129
Ion Ratio Lower Upper
97 100
83 85.7 65.1 97.7
85 54.6 43.4 65.2
99 59.1 49.2 73.8

Manual Integrations
APPROVED

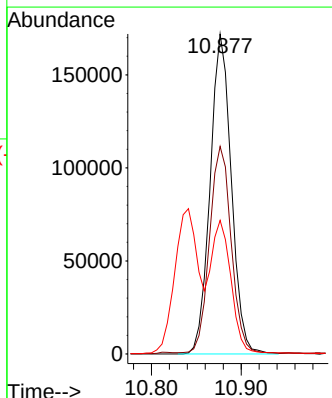
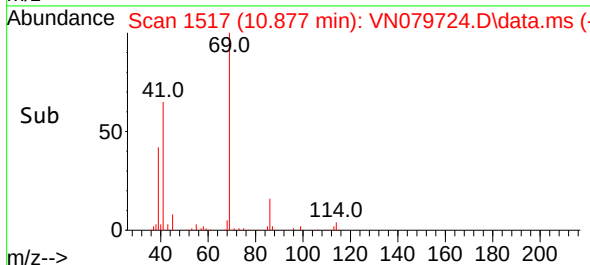
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

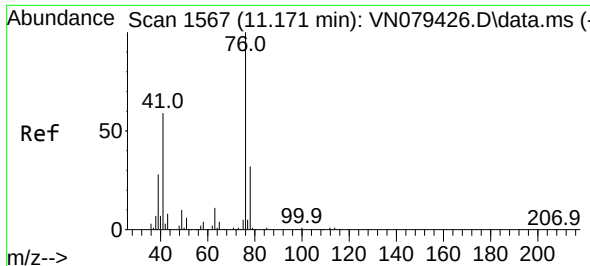


#56
Ethyl methacrylate
Concen: 51.441 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26



Tgt Ion: 69 Resp: 281899
Ion Ratio Lower Upper
69 100
41 66.2 39.6 59.4#
39 39.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 49.289 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN103023

Tgt Ion: 76 Resp: 334704

Ion Ratio Lower Upper

76 100

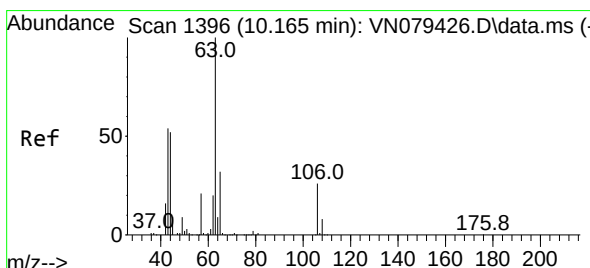
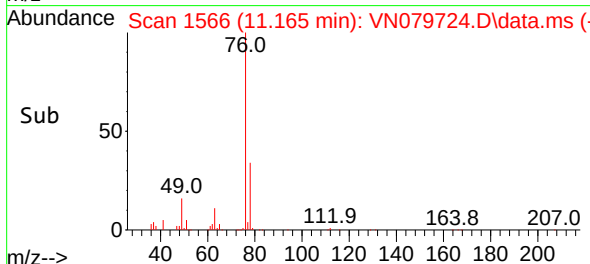
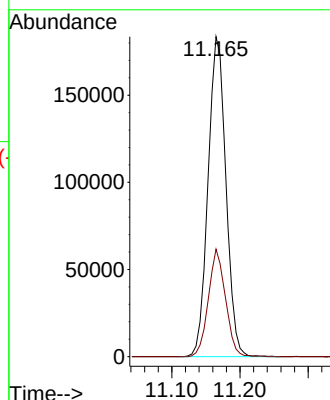
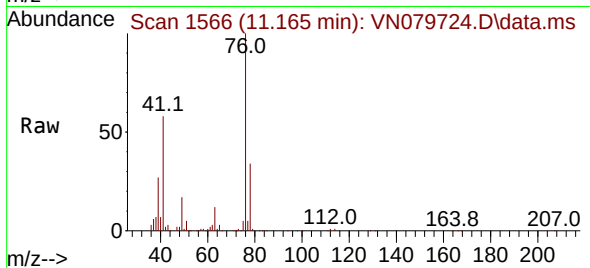
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 273.353 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079724.D

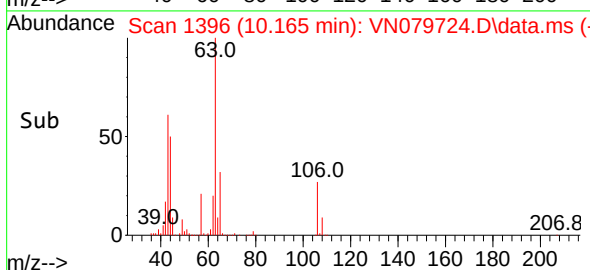
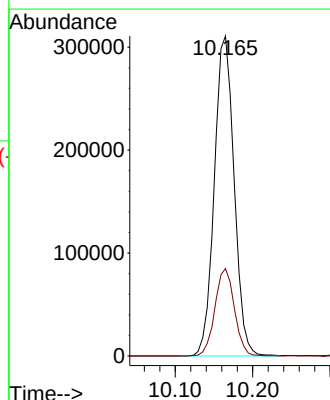
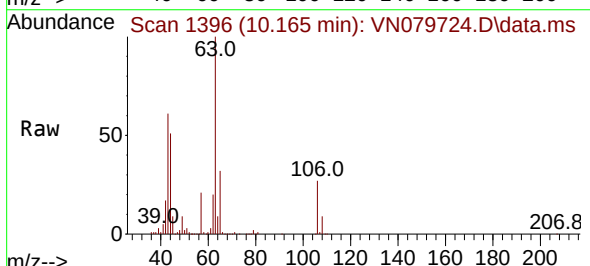
Acq: 30 Oct 2023 15:26

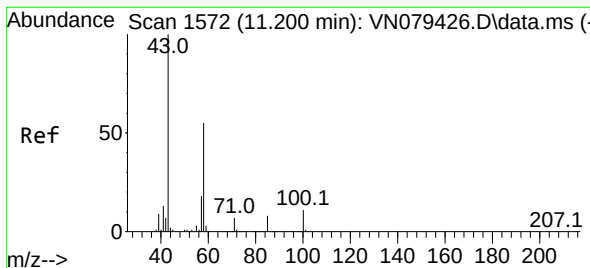
Tgt Ion: 63 Resp: 551887

Ion Ratio Lower Upper

63 100

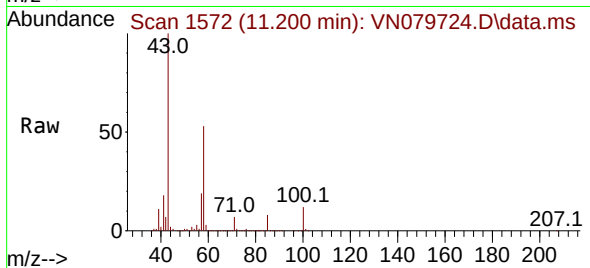
106 26.9 26.2 39.4





#59
2-Hexanone
Concen: 240.360 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

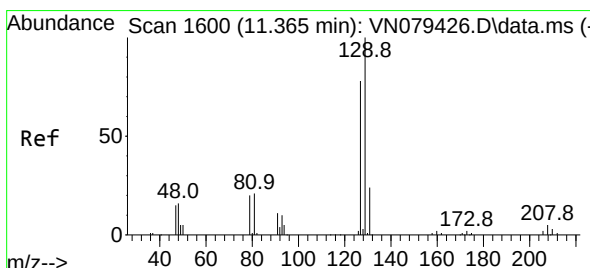
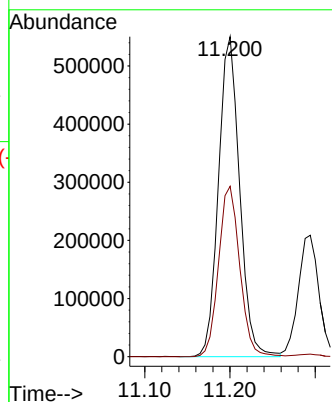
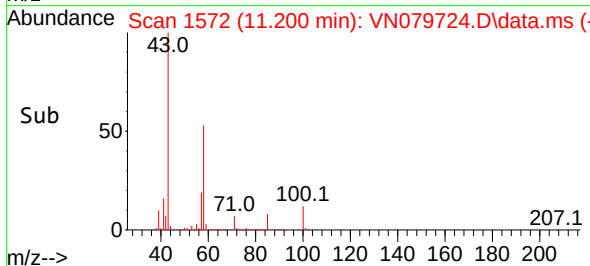
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 43 Resp: 94889
Ion Ratio Lower Upper
43 100
58 53.5 31.7 95.1

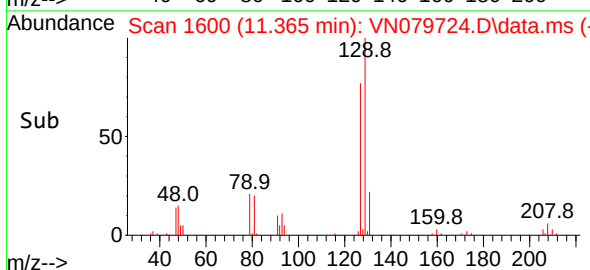
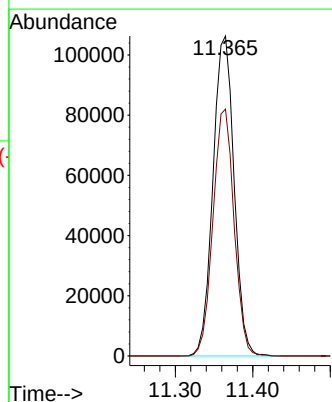
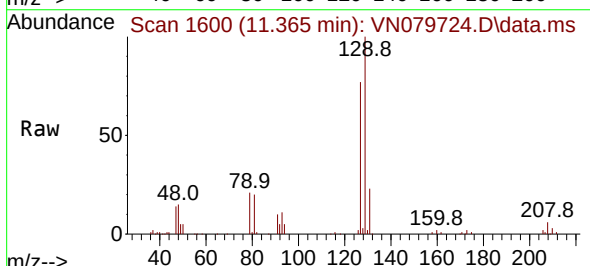
Manual Integrations
APPROVED

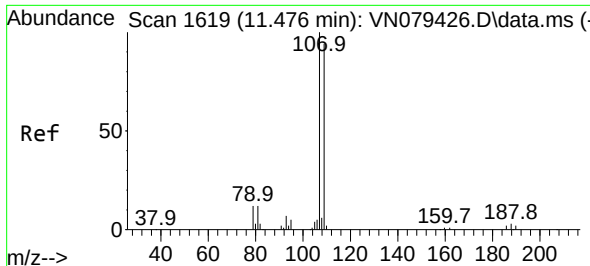
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 50.025 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

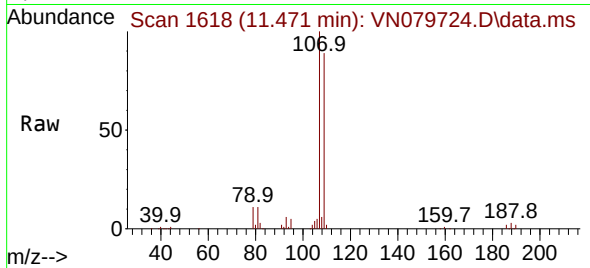
Tgt Ion:129 Resp: 200863
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.620 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

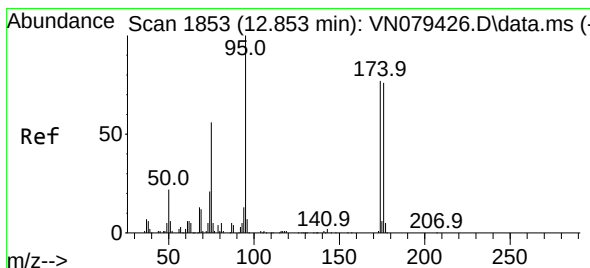
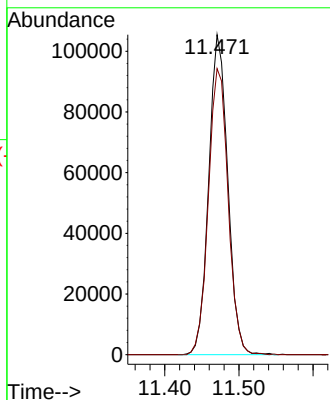
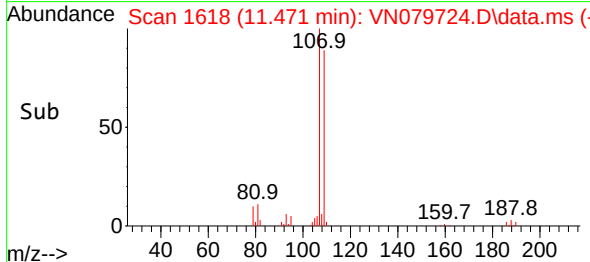
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion:107 Resp: 187964
Ion Ratio Lower Upper
107 100
109 92.8 76.6 114.8

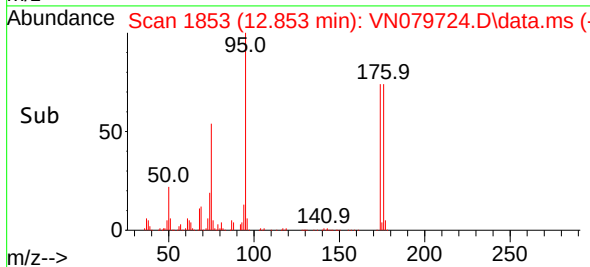
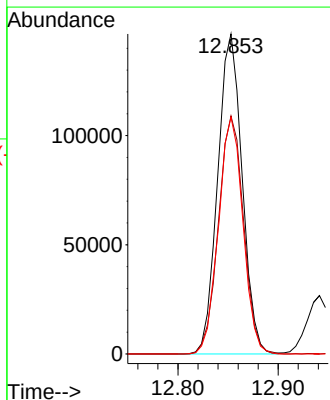
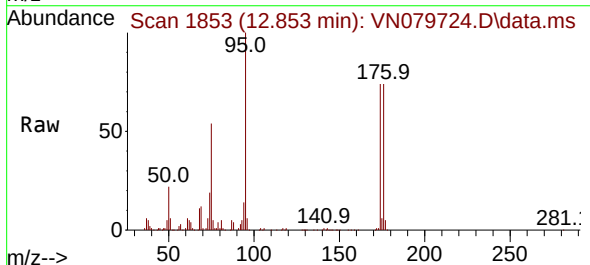
Manual Integrations
APPROVED

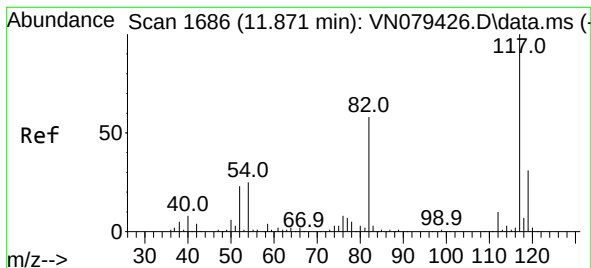
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#62
4-Bromofluorobenzene
Concen: 57.523 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

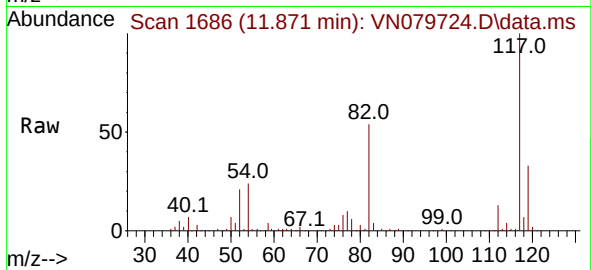
Tgt Ion: 95 Resp: 247872
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 74.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

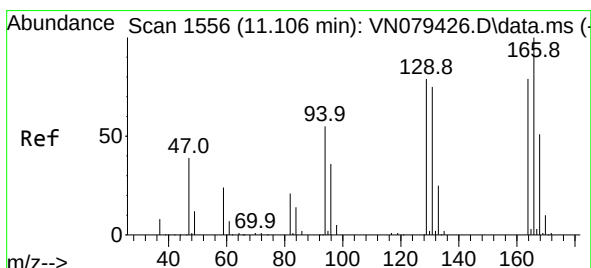
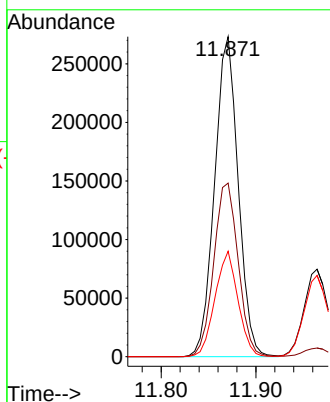
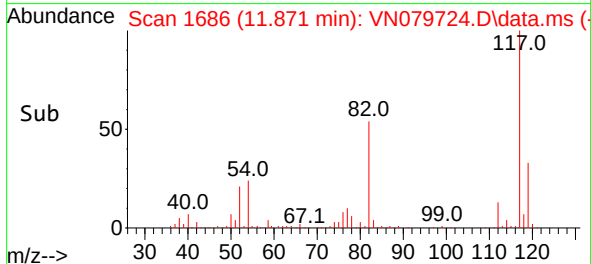
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion:117 Resp: 473168
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 33.0 25.6 38.4

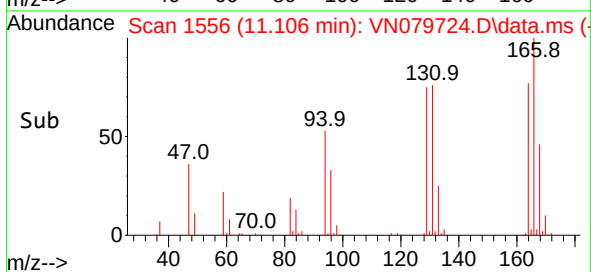
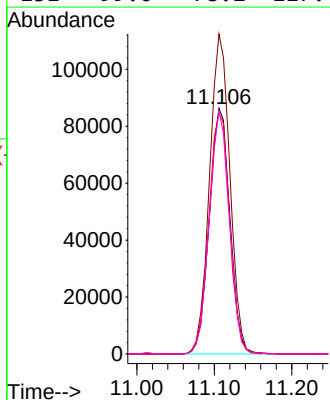
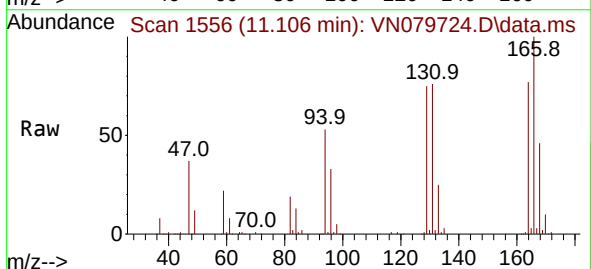
Manual Integrations
APPROVED

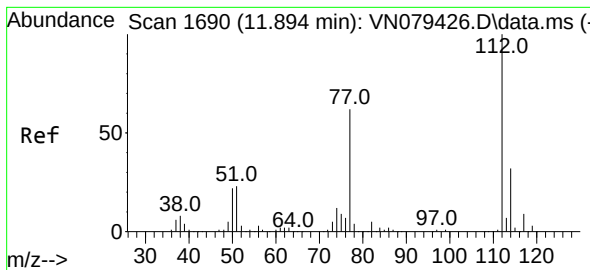
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 47.538 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Tgt Ion:164 Resp: 159568
Ion Ratio Lower Upper
164 100
166 130.3 101.4 152.0
129 98.1 82.4 123.6
131 99.0 78.2 117.4





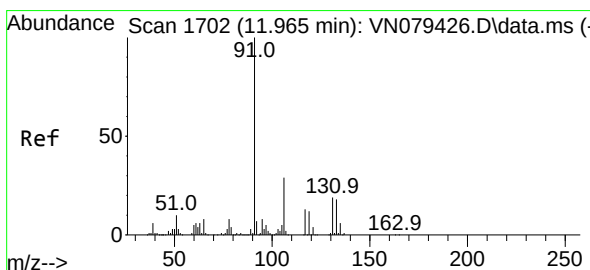
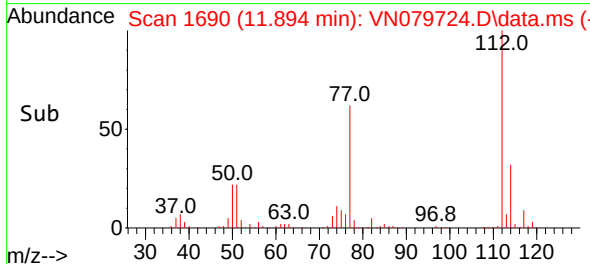
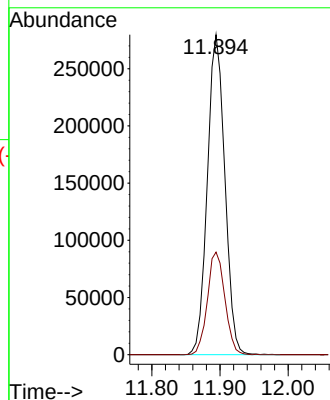
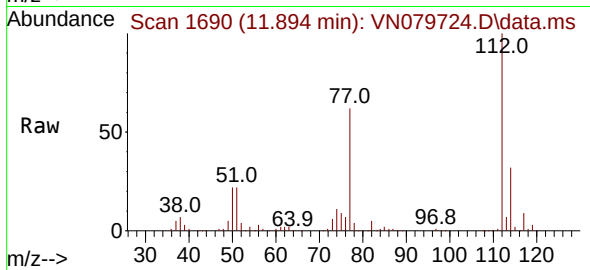
#65
Chlorobenzene
Concen: 47.710 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023

Tgt Ion:112 Resp: 499660
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

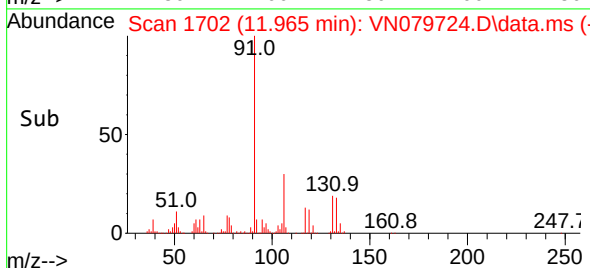
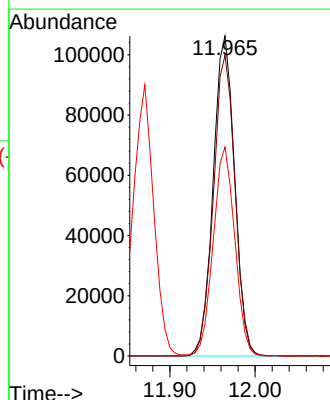
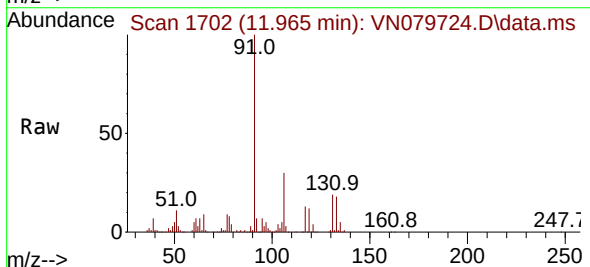
Manual Integrations
APPROVED

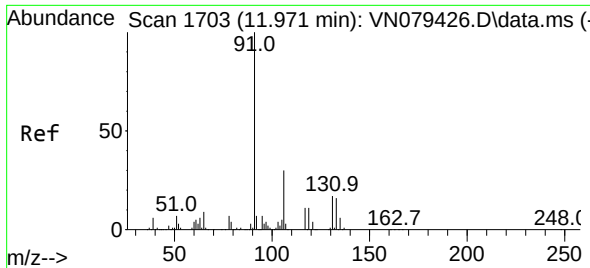
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.752 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

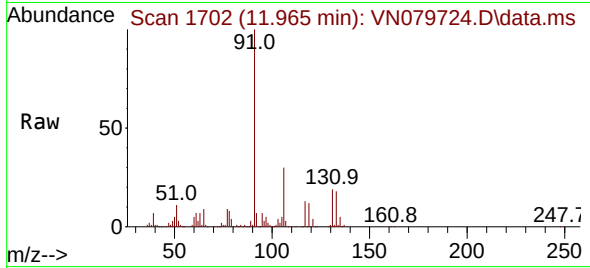
Tgt Ion:131 Resp: 185825
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 65.6 34.1 102.2





#67
Ethyl Benzene
Concen: 50.863 ug/l
RT: 11.965 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

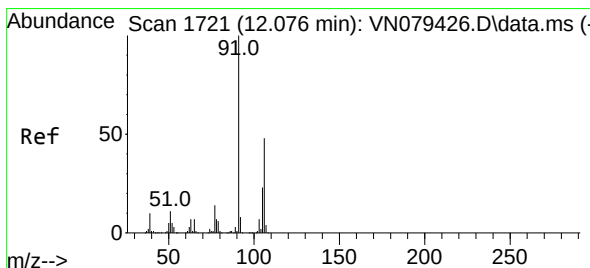
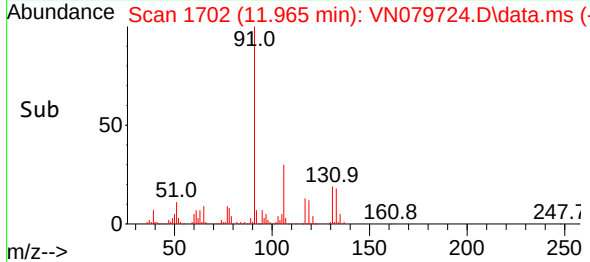
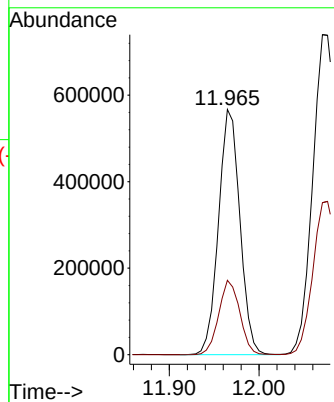
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 91 Resp: 938430
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

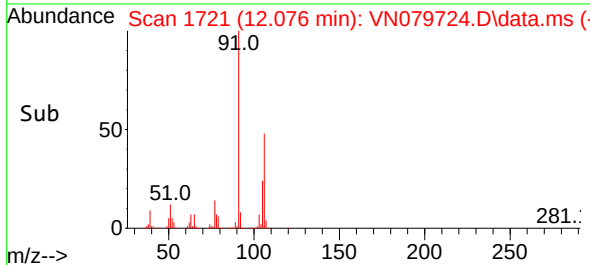
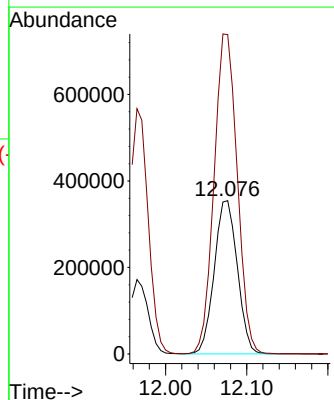
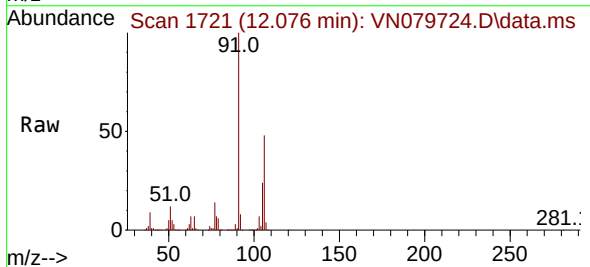
Manual Integrations
APPROVED

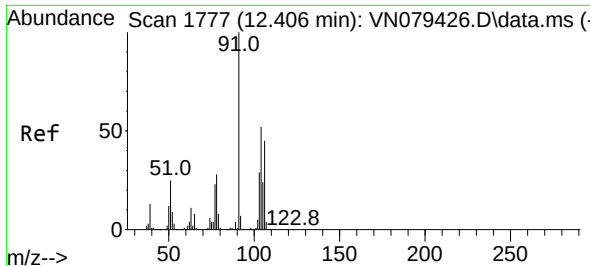
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 102.554 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Tgt Ion:106 Resp: 699842
Ion Ratio Lower Upper
106 100
91 209.5 159.6 239.4





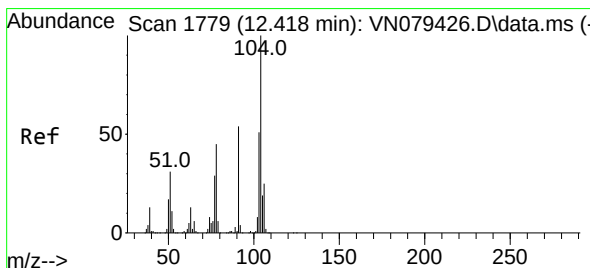
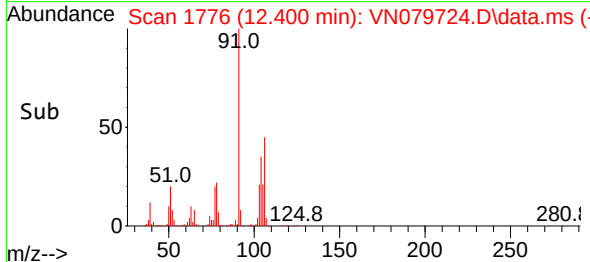
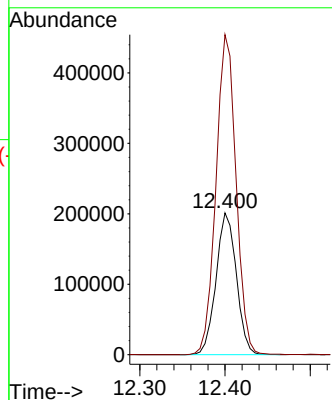
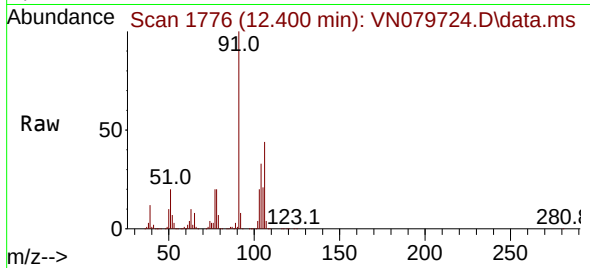
#69
o-Xylene
Concen: 50.894 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023

Tgt Ion:106 Resp: 333960
Ion Ratio Lower Upper
106 100
91 223.0 105.2 315.5

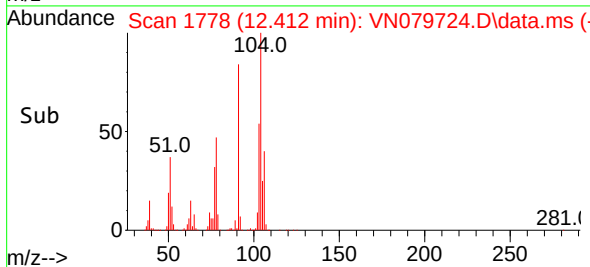
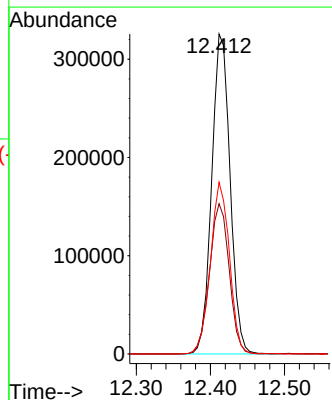
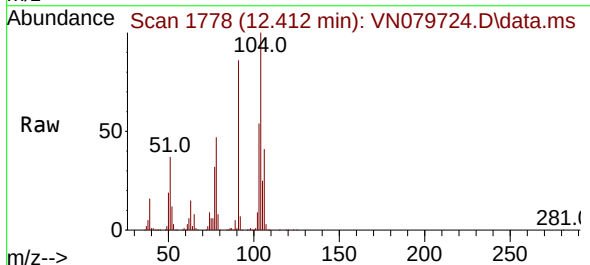
Manual Integrations
APPROVED

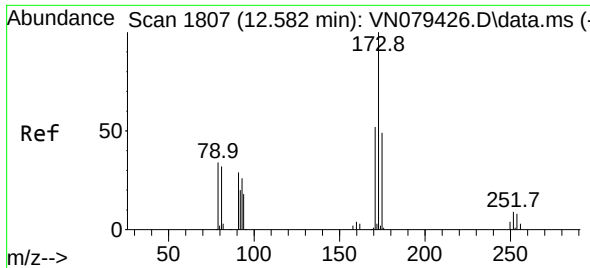
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 53.443 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

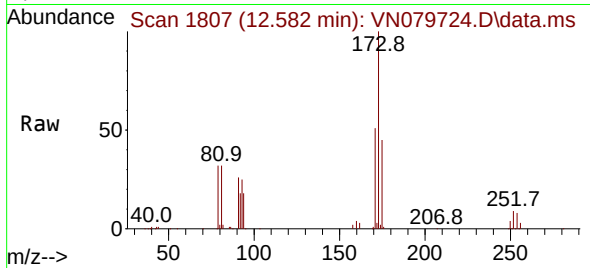
Tgt Ion:104 Resp: 561770
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 55.4 43.2 64.8





#71
Bromoform
Concen: 47.092 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

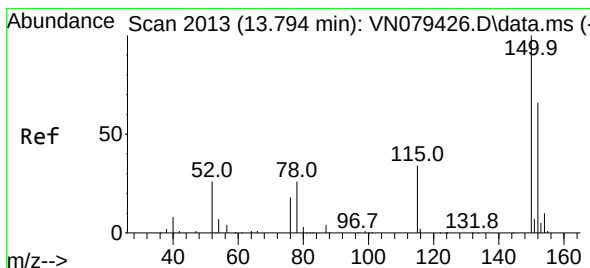
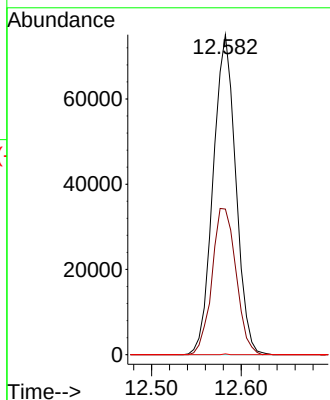
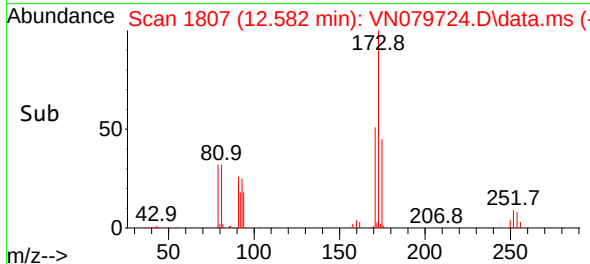
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



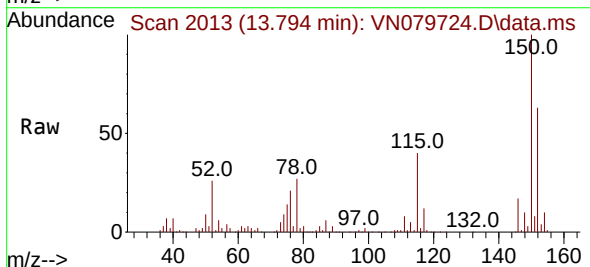
Tgt Ion:173 Resp: 131258
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

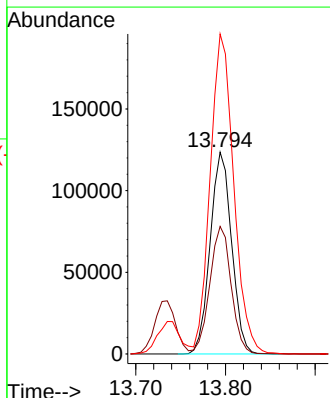
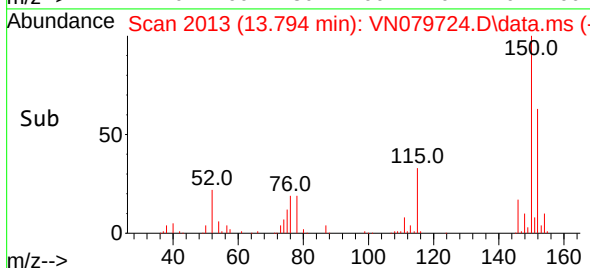
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

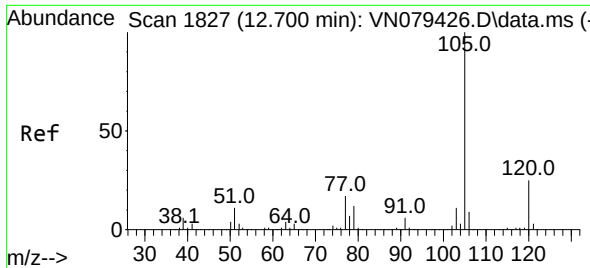


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26



Tgt Ion:152 Resp: 205107
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 173.9 0.0 355.8





#73
Isopropylbenzene
Concen: 46.475 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

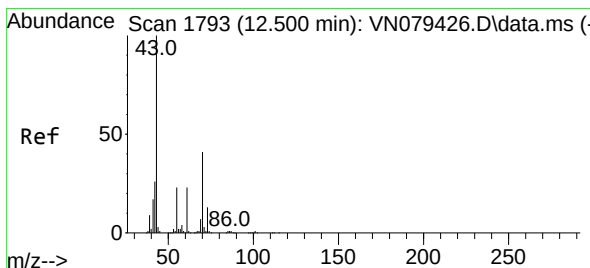
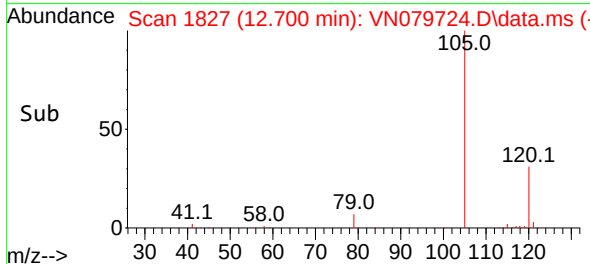
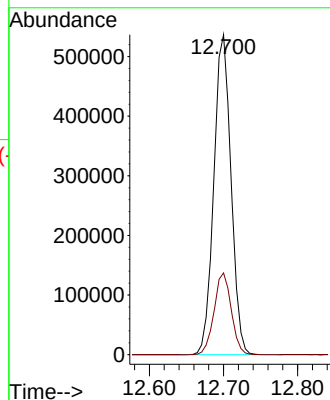
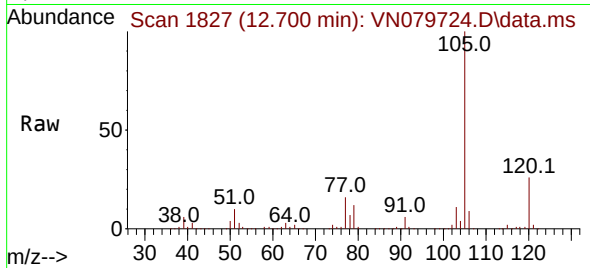
ICVVN103023

Tgt Ion:105 Resp: 863428
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

Manual Integrations

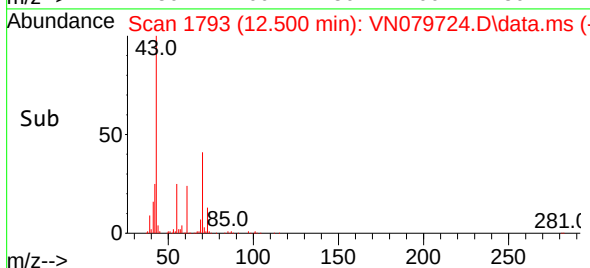
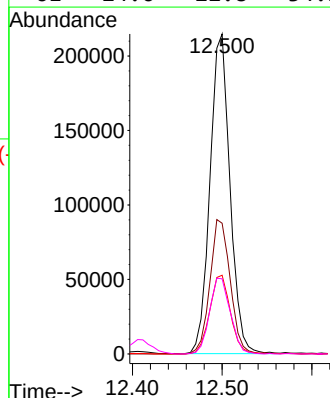
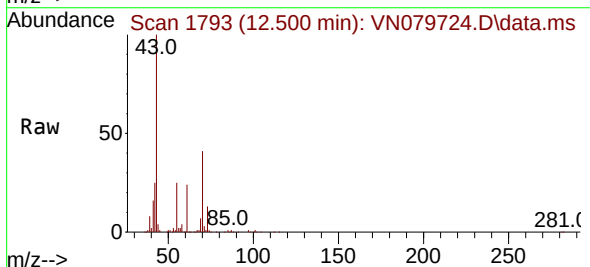
APPROVED

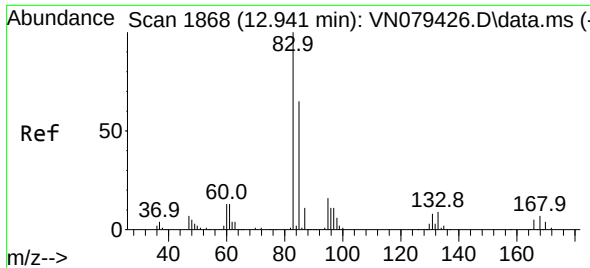
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 44.896 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

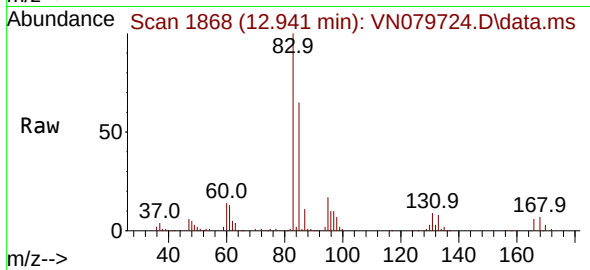
Tgt Ion: 43 Resp: 331753
Ion Ratio Lower Upper
43 100
70 42.8 43.4 65.2#
55 25.7 21.4 32.0
61 24.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 41.463 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

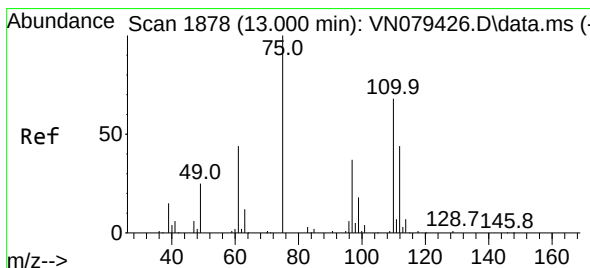
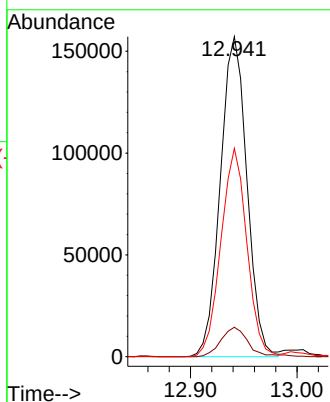
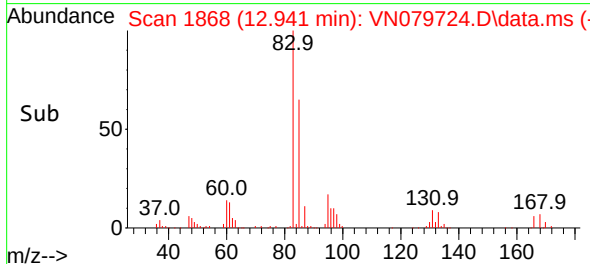
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 83 Resp: 27271
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 63.4 31.9 95.7

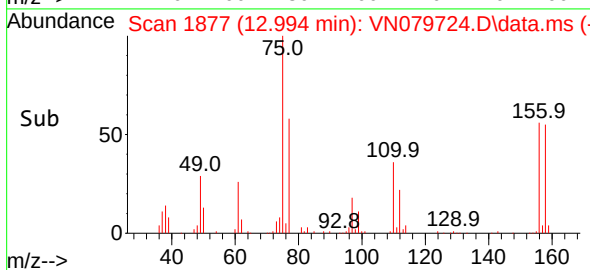
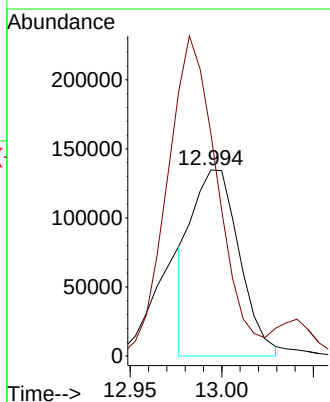
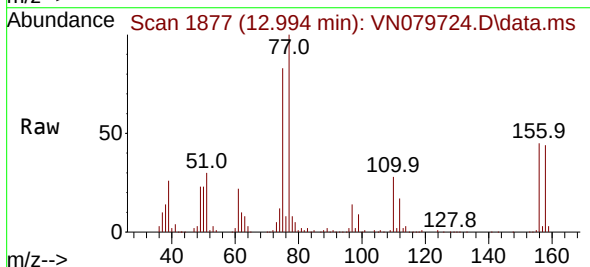
Manual Integrations
APPROVED

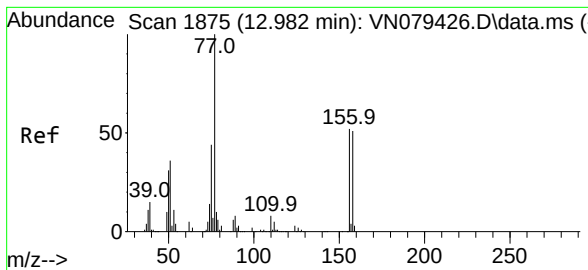
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#76
1,2,3-Trichloropropane
Concen: 43.914 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

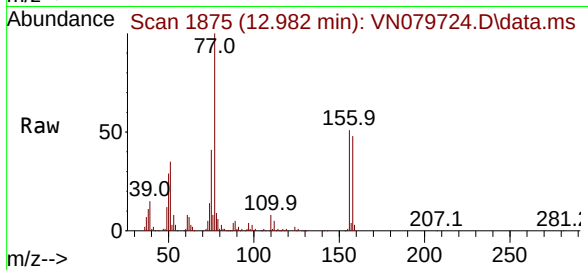
Tgt Ion: 75 Resp: 244580
Ion Ratio Lower Upper
75 100
77 181.7 84.5 253.5





#77
Bromobenzene
Concen: 45.076 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

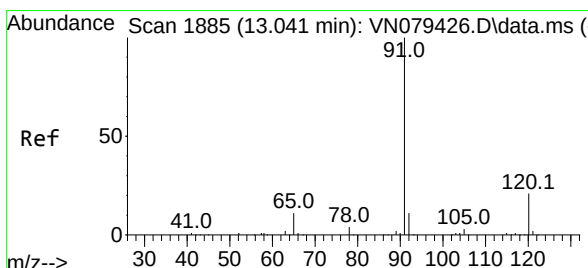
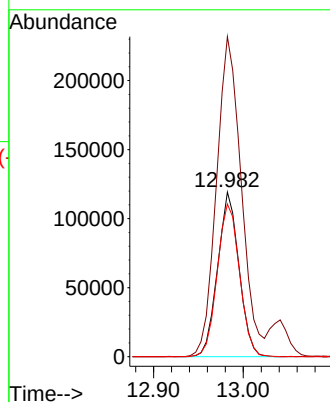
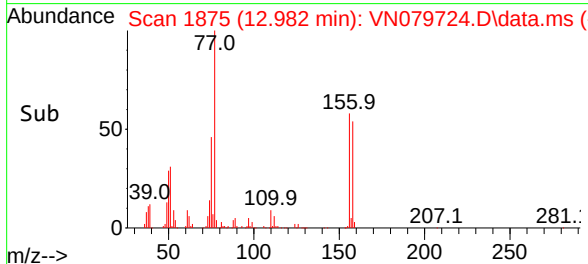
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



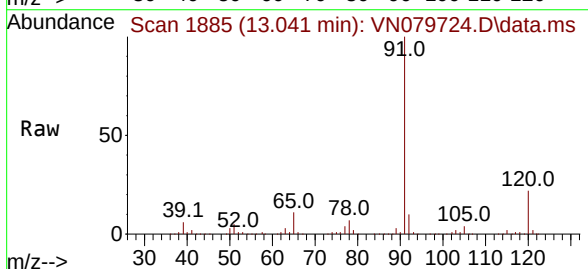
Tgt Ion:156 Resp: 196938
Ion Ratio Lower Upper
156 100
77 225.7 107.7 323.3
158 96.6 48.4 145.3

Manual Integrations
APPROVED

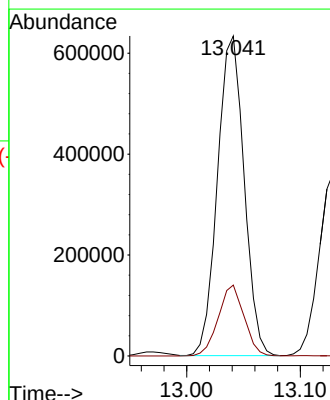
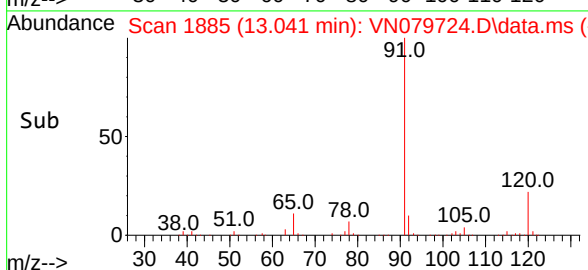
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

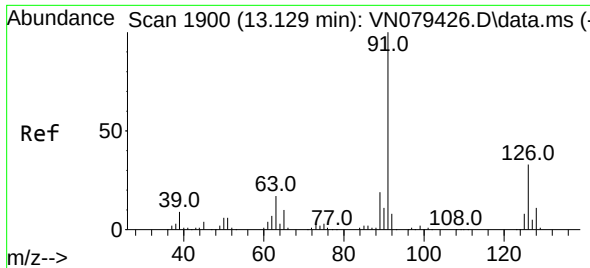


#78
n-propylbenzene
Concen: 48.195 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26



Tgt Ion: 91 Resp: 1031401
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4





#79
2-Chlorotoluene
Concen: 45.512 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

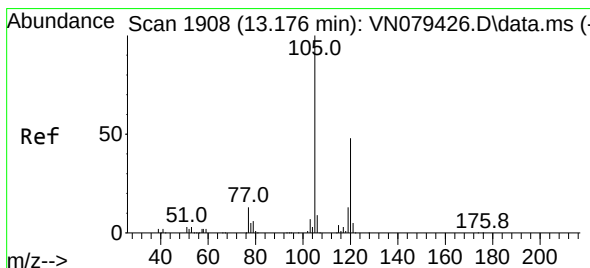
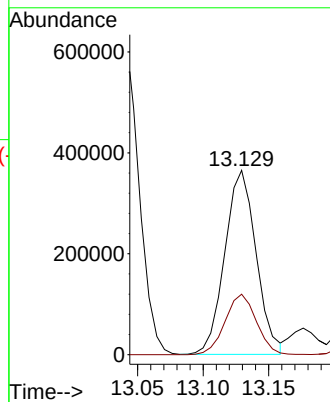
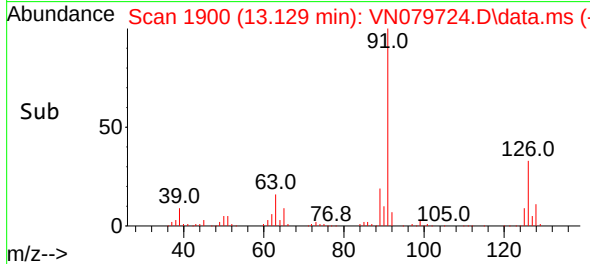
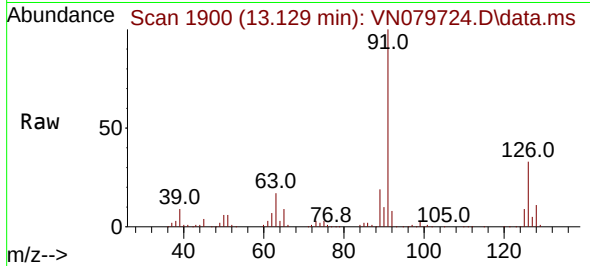
ICVVN103023

Tgt Ion: 91 Resp: 60714
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

Manual Integrations

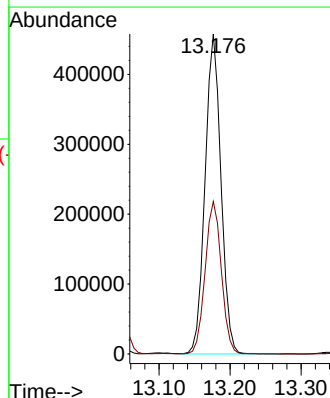
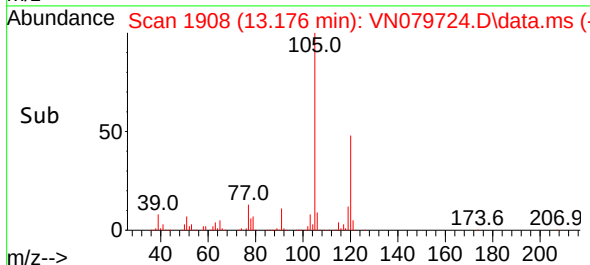
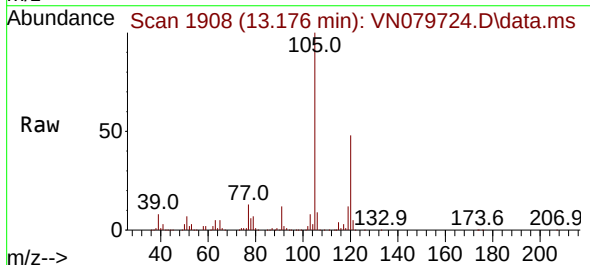
APPROVED

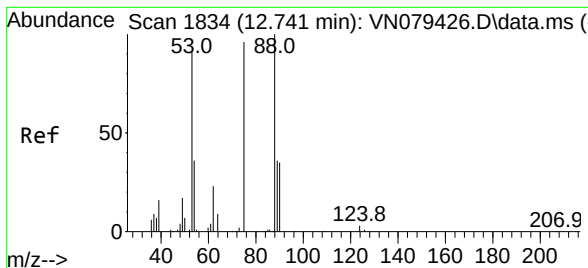
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.127 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

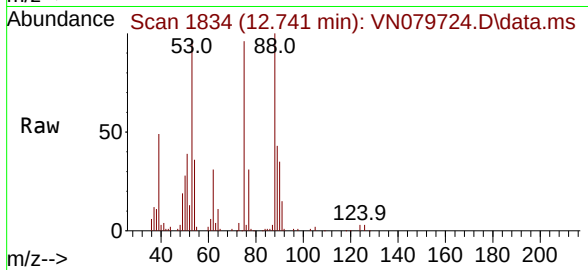
Tgt Ion:105 Resp: 713677
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.311 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

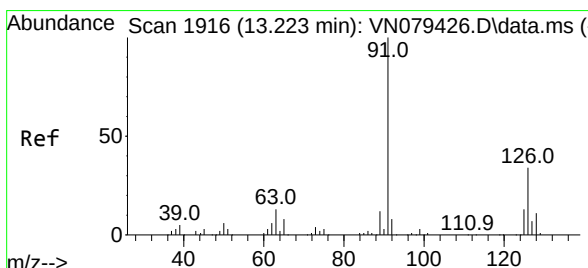
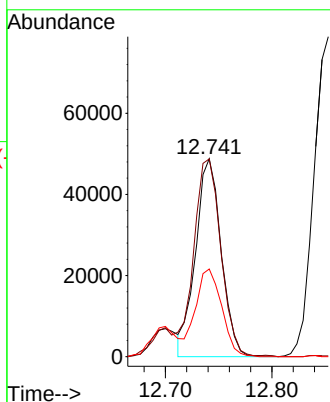
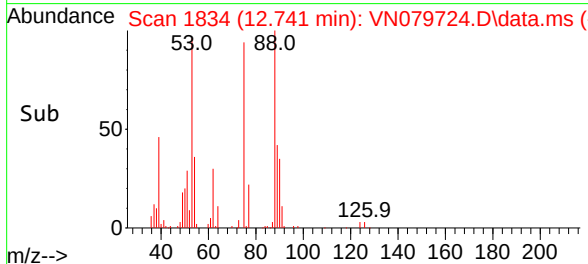
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion: 75 Resp: 81814
Ion Ratio Lower Upper
75 100
53 107.1 67.4 101.2
89 44.4 38.8 58.2

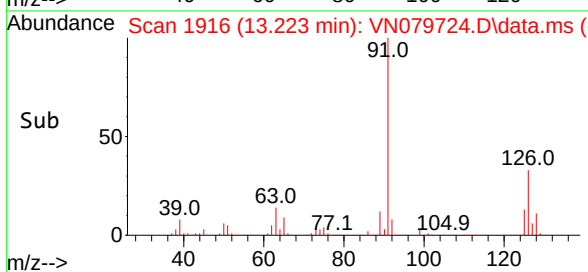
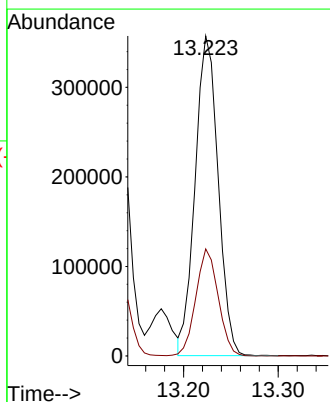
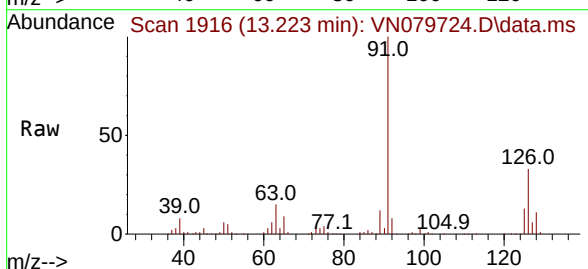
Manual Integrations
APPROVED

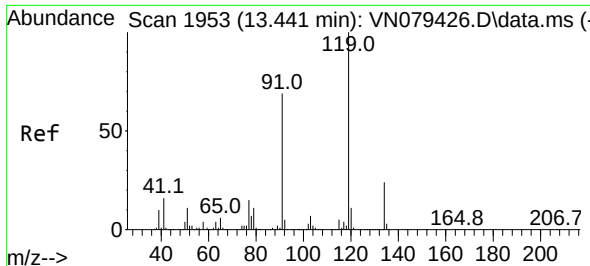
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 46.964 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

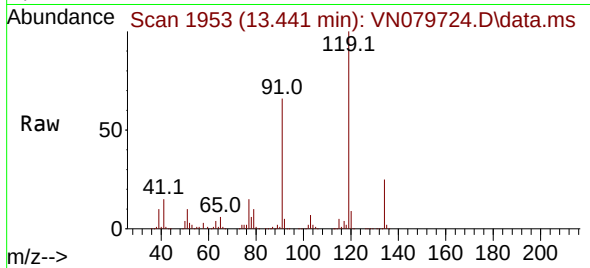
Tgt Ion: 91 Resp: 601772
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.913 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

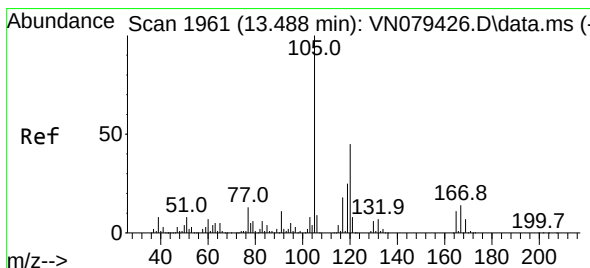
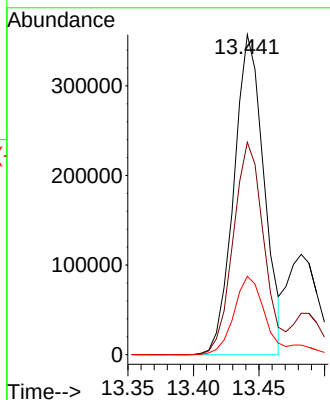
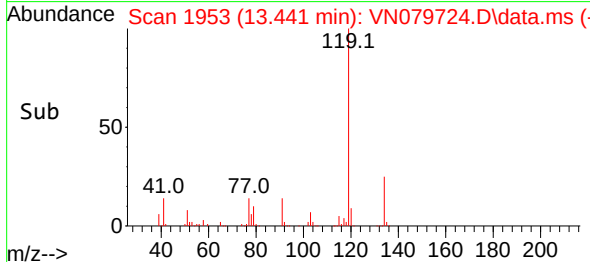
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



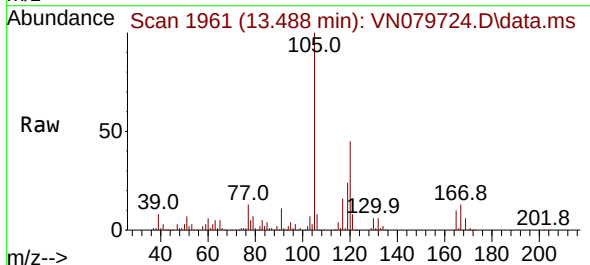
Tgt Ion:119 Resp: 56983
Ion Ratio Lower Upper
119 100
91 68.0 33.9 101.7
134 27.2 13.2 39.6

Manual Integrations
APPROVED

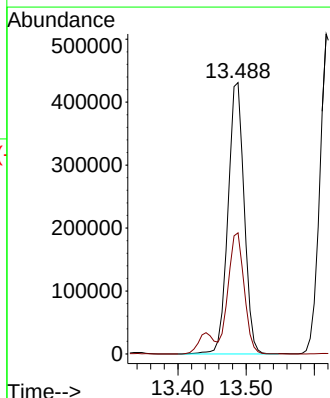
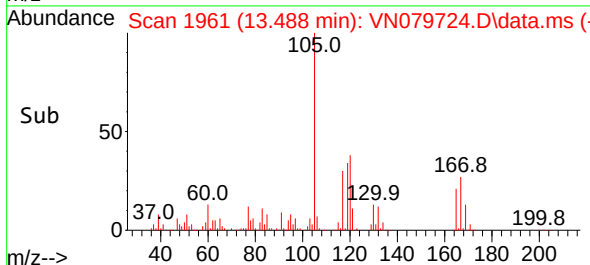
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

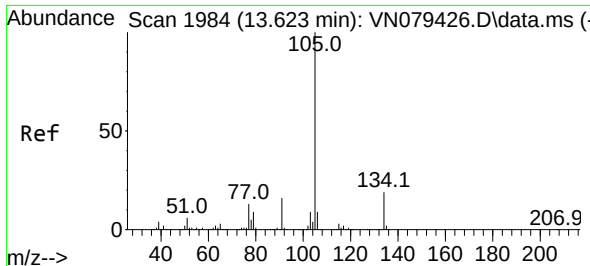


#84
1,2,4-Trimethylbenzene
Concen: 48.647 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26



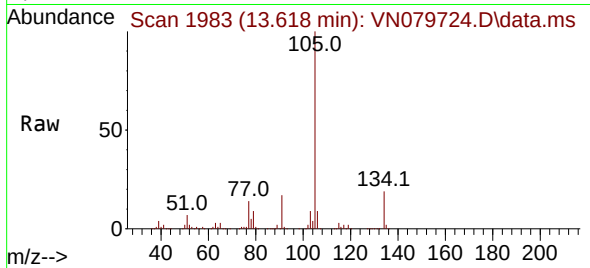
Tgt Ion:105 Resp: 710724
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 46.547 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.005 min
 Lab File: VN079724.D
 Acq: 30 Oct 2023 15:26

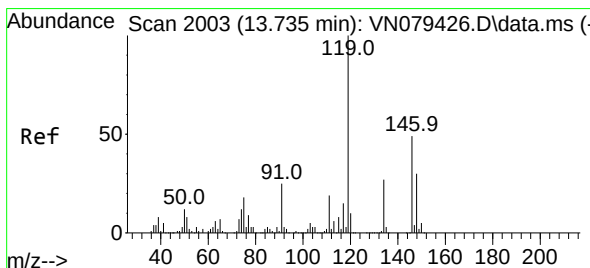
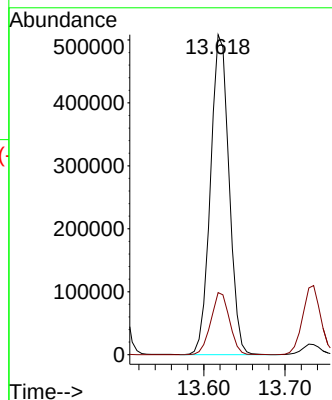
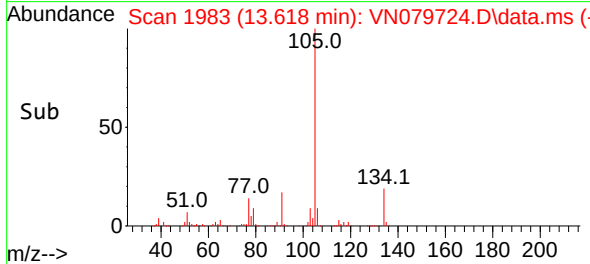
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN103023



Tgt Ion:105 Resp: 805819
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

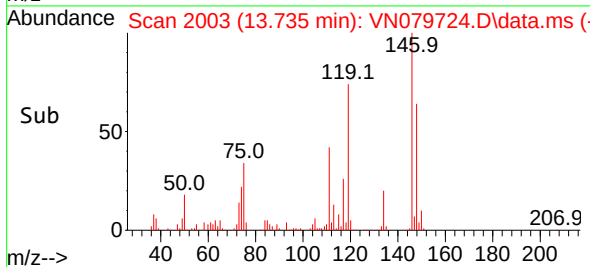
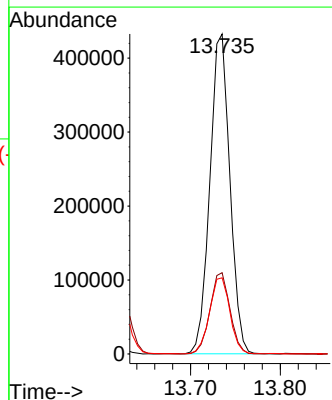
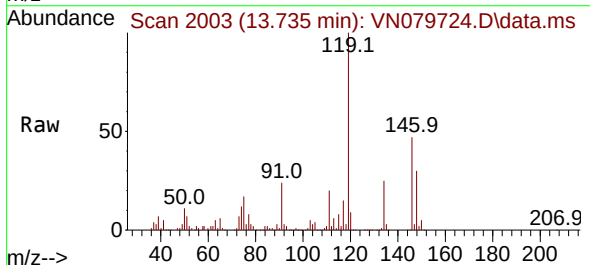
Manual Integrations
 APPROVED

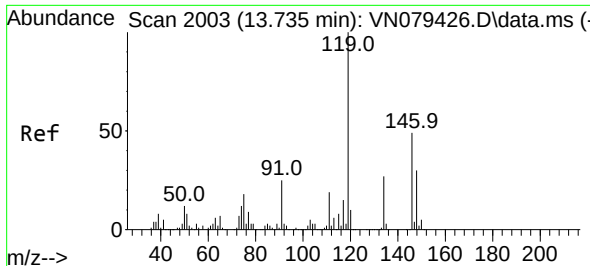
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#86
 p-Isopropyltoluene
 Concen: 48.488 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079724.D
 Acq: 30 Oct 2023 15:26

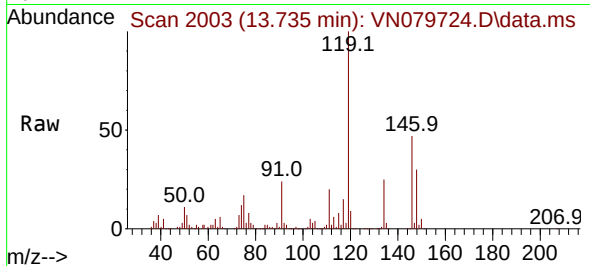
Tgt Ion:119 Resp: 668564
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.3 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 47.136 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079724.D
 Acq: 30 Oct 2023 15:26

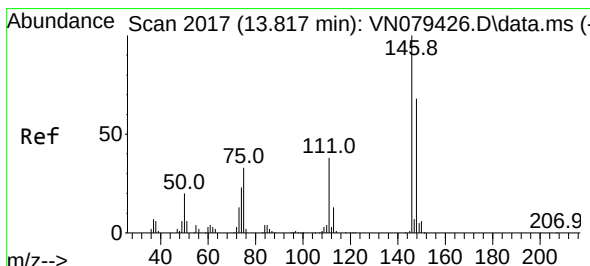
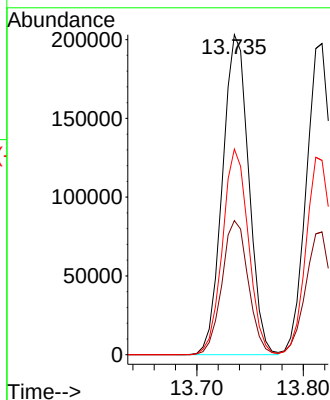
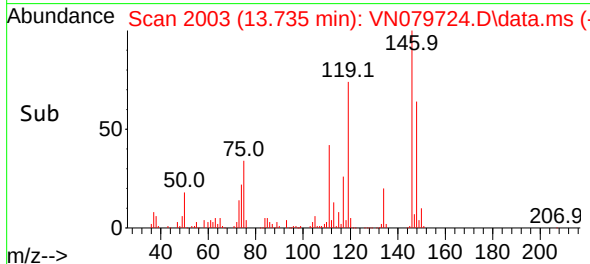
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN103023



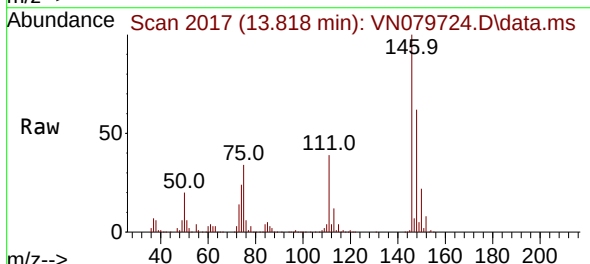
Tgt Ion:146 Resp: 348398
 Ion Ratio Lower Upper
 146 100
 111 41.9 22.1 66.3
 148 63.2 32.0 96.0

Manual Integrations
 APPROVED

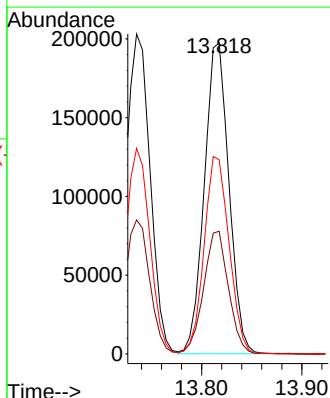
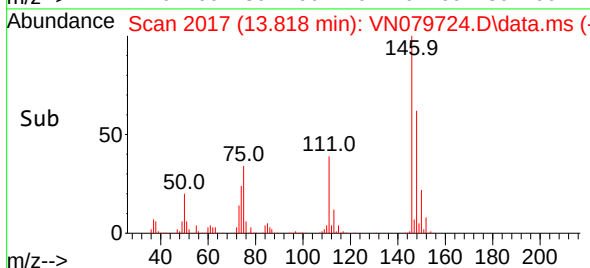
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

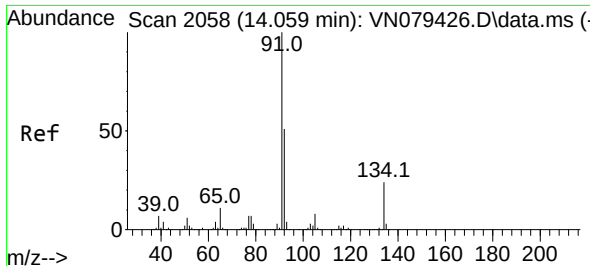


#88
 1,4-Dichlorobenzene
 Concen: 45.828 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.001 min
 Lab File: VN079724.D
 Acq: 30 Oct 2023 15:26



Tgt Ion:146 Resp: 337436
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.6 61.8
 148 64.5 31.6 94.8





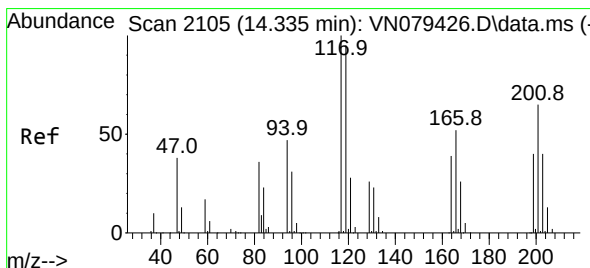
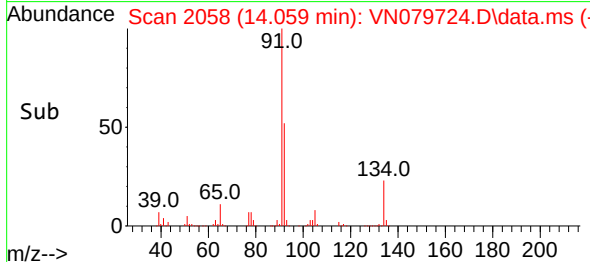
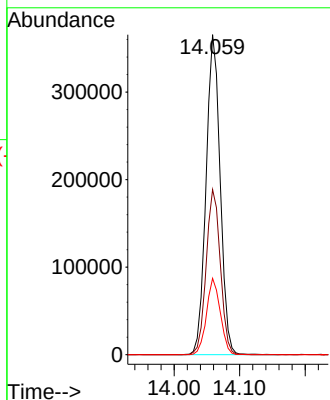
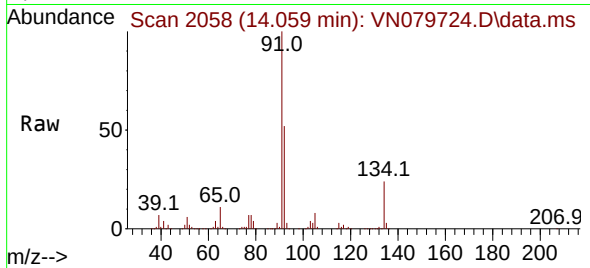
#89
n-Butylbenzene
Concen: 49.948 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023

Tgt Ion: 91 Resp: 547169
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.0
134 23.3 12.6 37.6

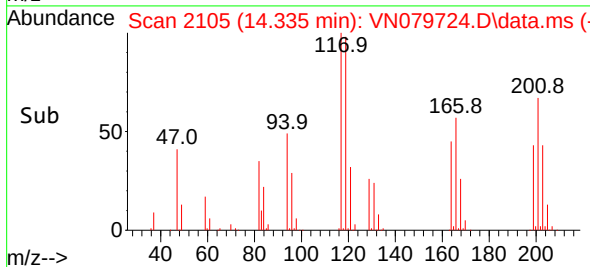
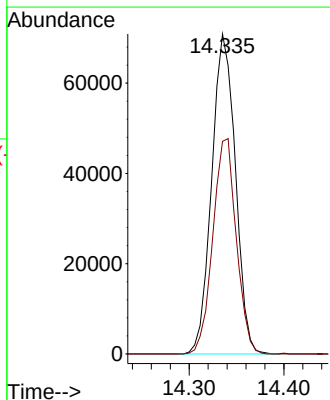
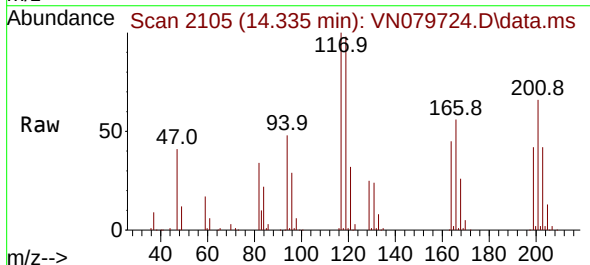
Manual Integrations
APPROVED

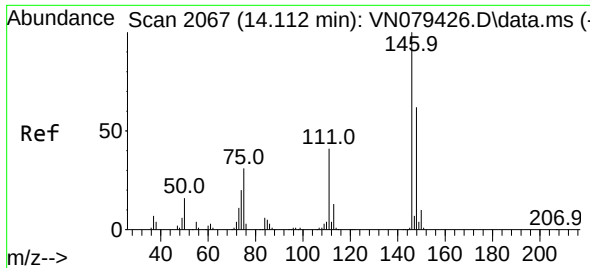
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 42.254 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

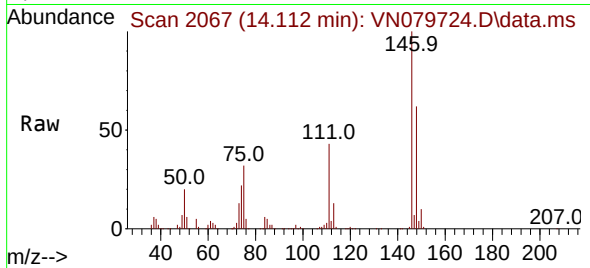
Tgt Ion:117 Resp: 123101
Ion Ratio Lower Upper
117 100
201 66.8 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 45.805 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

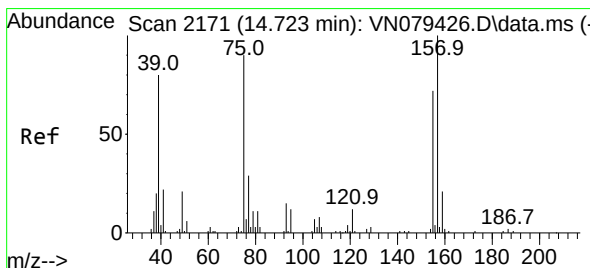
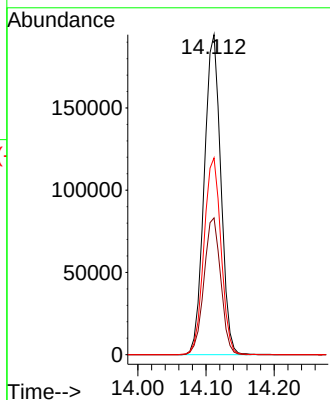
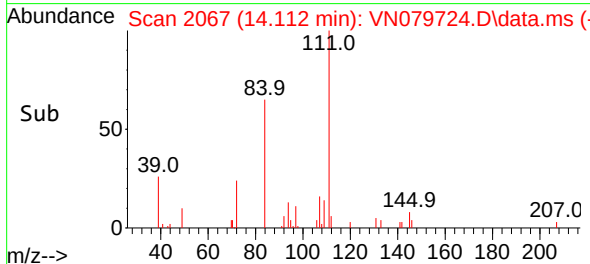
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



Tgt Ion:146 Resp: 329290
Ion Ratio Lower Upper
146 100
111 43.2 22.0 66.0
148 63.1 31.8 95.3

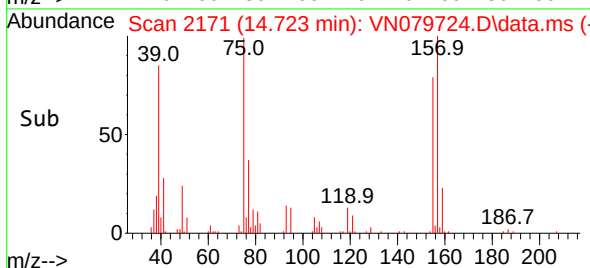
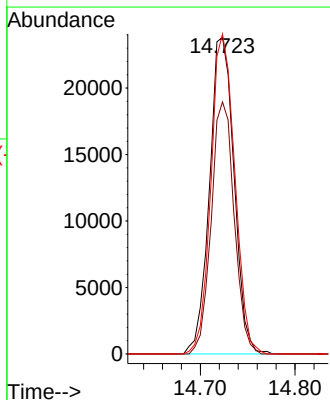
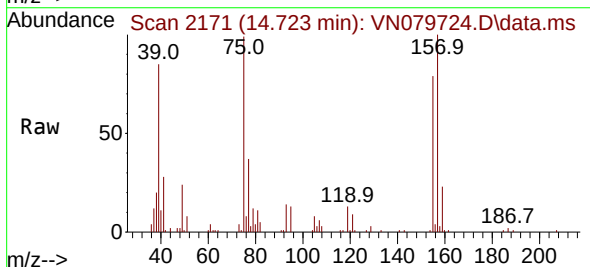
Manual Integrations
APPROVED

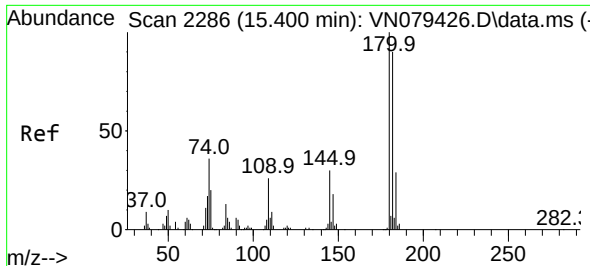
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.258 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

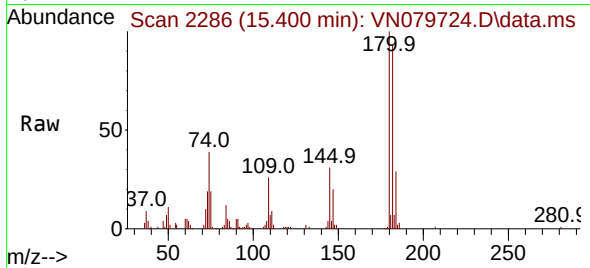
Tgt Ion: 75 Resp: 42864
Ion Ratio Lower Upper
75 100
155 74.5 39.1 117.2
157 98.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 48.107 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26

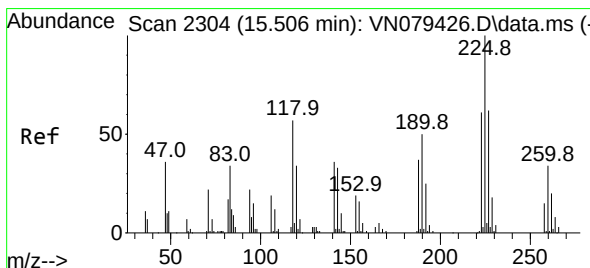
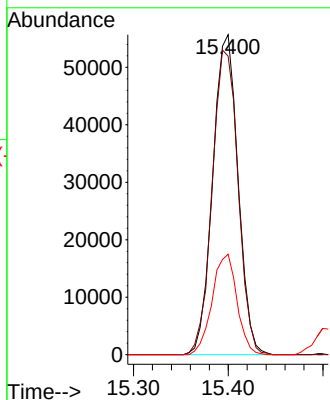
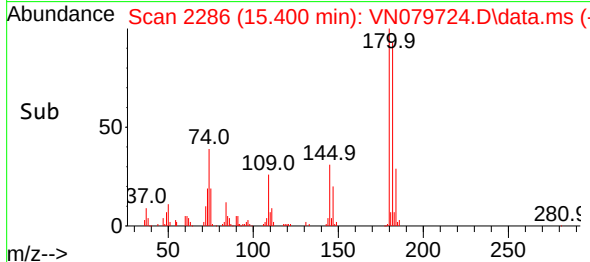
Instrument :
MSVOA_N
ClientSampleId :
ICVVN103023



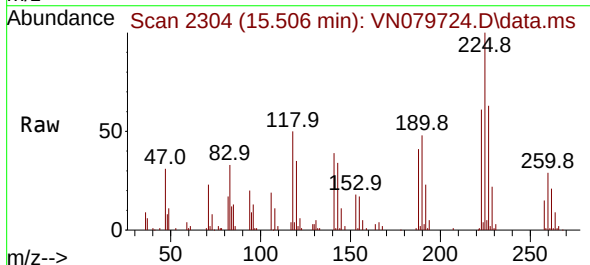
Tgt Ion:180 Resp: 103084
Ion Ratio Lower Upper
180 100
182 97.3 46.1 138.2
145 30.8 16.6 49.8

Manual Integrations
APPROVED

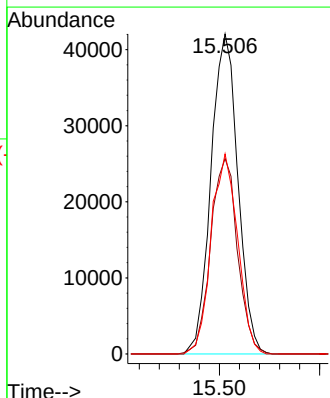
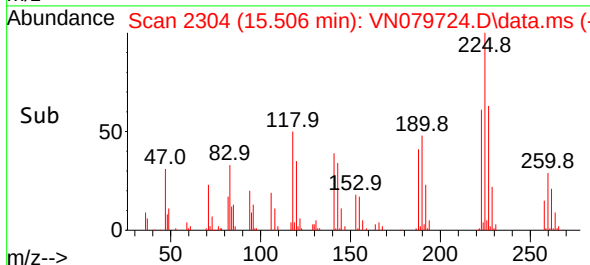
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

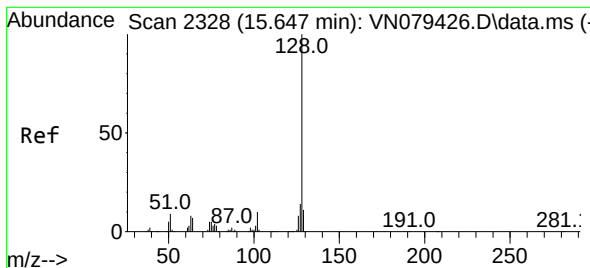


#94
Hexachlorobutadiene
Concen: 41.214 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079724.D
Acq: 30 Oct 2023 15:26



Tgt Ion:225 Resp: 78358
Ion Ratio Lower Upper
225 100
223 61.0 31.3 93.8
227 61.8 31.9 95.9





#95

Naphthalene

Concen: 42.074 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN103023

Tgt Ion:128 Resp: 261735

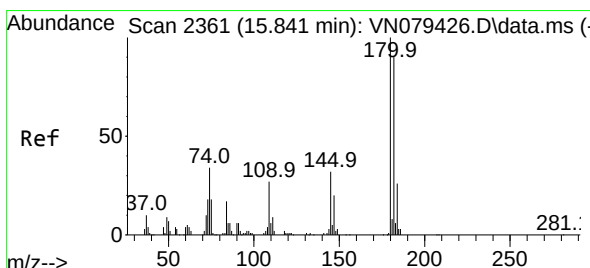
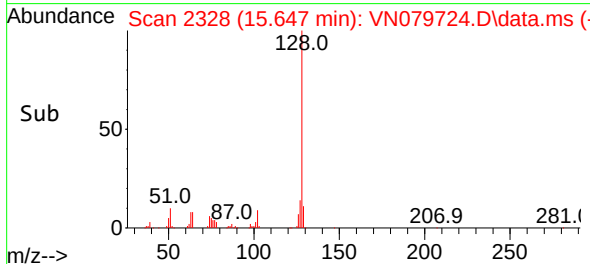
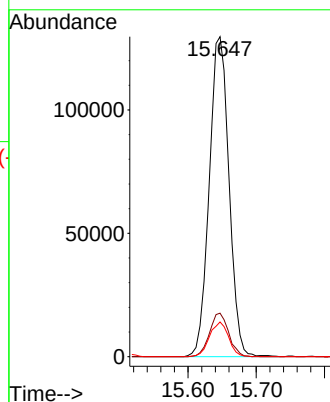
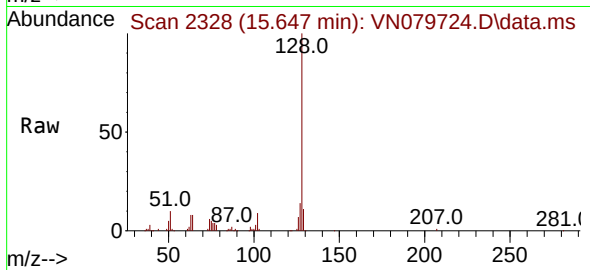
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.0	15.0
129	10.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#96

1,2,3-Trichlorobenzene

Concen: 44.574 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079724.D

Acq: 30 Oct 2023 15:26

Tgt Ion:180 Resp: 106659

Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.2	138.6
145	34.2	17.5	52.6

