

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079720.D
 Acq On : 30 Oct 2023 11:46
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Oct 31 07:11:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:05:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	282070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	499886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	438892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	143539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	23416	5.169	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.340%#		
35) Dibromofluoromethane	8.171	113	17567	4.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.840%#		
50) Toluene-d8	10.571	98	65786	4.940	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.880%#		
62) 4-Bromofluorobenzene	12.853	95	18583	4.432	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	17661	4.743	ug/l	98
3) Chloromethane	2.365	50	24513	5.434	ug/l	97
4) Vinyl Chloride	2.512	62	25445	5.238	ug/l	94
5) Bromomethane	2.942	94	16894	5.298	ug/l	90
6) Chloroethane	3.112	64	21137	5.939	ug/l	92
7) Trichlorofluoromethane	3.495	101	29680	5.195	ug/l	97
8) Diethyl Ether	3.959	74	10720	5.185	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	17706	5.351	ug/l	99
10) Methyl Iodide	4.589	142	14392	4.322	ug/l #	90
11) Tert butyl alcohol	5.530	59	17979	29.925	ug/l	96
12) 1,1-Dichloroethene	4.342	96	16459	5.311	ug/l	89
13) Acrolein	4.183	56	17142	28.363	ug/l	99
14) Allyl chloride	5.018	41	28008	5.389	ug/l #	91
15) Acrylonitrile	5.730	53	45711	24.725	ug/l	93
16) Acetone	4.436	43	49611	25.600	ug/l	95
17) Carbon Disulfide	4.718	76	51198	5.410	ug/l	98
18) Methyl Acetate	5.036	43	40174	5.138	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	51884	4.948	ug/l	94
20) Methylene Chloride	5.283	84	21591	5.626	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	18976	5.394	ug/l	92
22) Diisopropyl ether	6.683	45	57046	4.882	ug/l #	90
23) Vinyl Acetate	6.612	43	152058	23.637	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	37472	5.352	ug/l	99
25) 2-Butanone	7.488	43	67320	25.289	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	29796	5.259	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	20735	5.120	ug/l	83
28) Bromochloromethane	7.824	49	17491	5.107	ug/l #	76
29) Tetrahydrofuran	7.847	42	37550	23.089	ug/l #	79
30) Chloroform	7.965	83	36459	5.171	ug/l #	81
31) Cyclohexane	8.259	56	35375	5.724	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	31917	5.222	ug/l	91
36) 1,1-Dichloropropene	8.377	75	25944	4.896	ug/l	94
37) Ethyl Acetate	7.565	43	28275	5.383	ug/l #	87
38) Carbon Tetrachloride	8.371	117	27471	5.199	ug/l	97
39) Methylcyclohexane	9.600	83	25684	4.873	ug/l	93
40) Benzene	8.612	78	78891	5.044	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	13067	4.770	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	29400	5.176	ug/l	94
43) Isopropyl Acetate	8.694	43	41321	4.921	ug/l #	91
44) Trichloroethene	9.353	130	20080	5.300	ug/l	87
45) 1,2-Dichloropropane	9.624	63	21249	5.115	ug/l	94
46) Dibromomethane	9.712	93	14436	5.153	ug/l	97
47) Bromodichloromethane	9.888	83	28298	5.035	ug/l #	90
48) Methyl methacrylate	9.688	41	18594	4.776	ug/l #	77
49) 1,4-Dioxane	9.700	88	6343	92.592	ug/l #	66
51) 4-Methyl-2-Pentanone	10.447	43	124890	23.904	ug/l	87
52) Toluene	10.635	92	47673	4.993	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	26391	4.650	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	29099	4.686	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	19309	5.114	ug/l #	86
56) Ethyl methacrylate	10.877	69	23643	4.434	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	32612	4.935	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	38747	19.722	ug/l #	88
59) 2-Hexanone	11.200	43	90892	23.660	ug/l	86
60) Dibromochloromethane	11.359	129	18603	4.761	ug/l	98
61) 1,2-Dibromoethane	11.476	107	19175	5.097	ug/l	100
64) Tetrachloroethene	11.106	164	16185	5.198	ug/l	93
65) Chlorobenzene	11.894	112	51603	5.312	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	17804	4.932	ug/l	97
67) Ethyl Benzene	11.971	91	82598	4.826	ug/l	93
68) m/p-Xylenes	12.076	106	57090	9.019	ug/l	91
69) o-Xylene	12.400	106	27804	4.568	ug/l	93
70) Styrene	12.418	104	41710	4.278	ug/l	97
71) Bromoform	12.582	173	12720	4.920	ug/l #	97
73) Isopropylbenzene	12.700	105	69152	5.319	ug/l	99
74) N-amyl acetate	12.500	43	26917	5.205	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	28709	6.237	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	21444m	5.685	ug/l	
77) Bromobenzene	12.988	156	17050	5.576	ug/l	90
78) n-propylbenzene	13.041	91	76750	5.125	ug/l	96
79) 2-Chlorotoluene	13.129	91	51027	5.466	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	54988	5.189	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	6985	5.406	ug/l #	82
82) 4-Chlorotoluene	13.223	91	46840	5.223	ug/l	98
83) tert-Butylbenzene	13.441	119	46524	5.356	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	50061	4.896	ug/l	100
85) sec-Butylbenzene	13.618	105	62281	5.141	ug/l	98
86) p-Isopropyltoluene	13.735	119	47648	4.938	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	27467	5.310	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	28190	5.471	ug/l	96
89) n-Butylbenzene	14.059	91	37181	4.850	ug/l	95
90) Hexachloroethane	14.335	117	11622	5.700	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	25898	5.148	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3650	5.142	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	5419	3.614	ug/l	90
94) Hexachlorobutadiene	15.506	225	7980	5.997	ug/l	97
95) Naphthalene	15.641	128	18026	4.141	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	6927	4.137	ug/l	98

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ALS Vial : 7 Sample Multiplier: 1

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

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 Sample : VSTDIC005
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :

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ClientSampleId :

VSTDIC005

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023

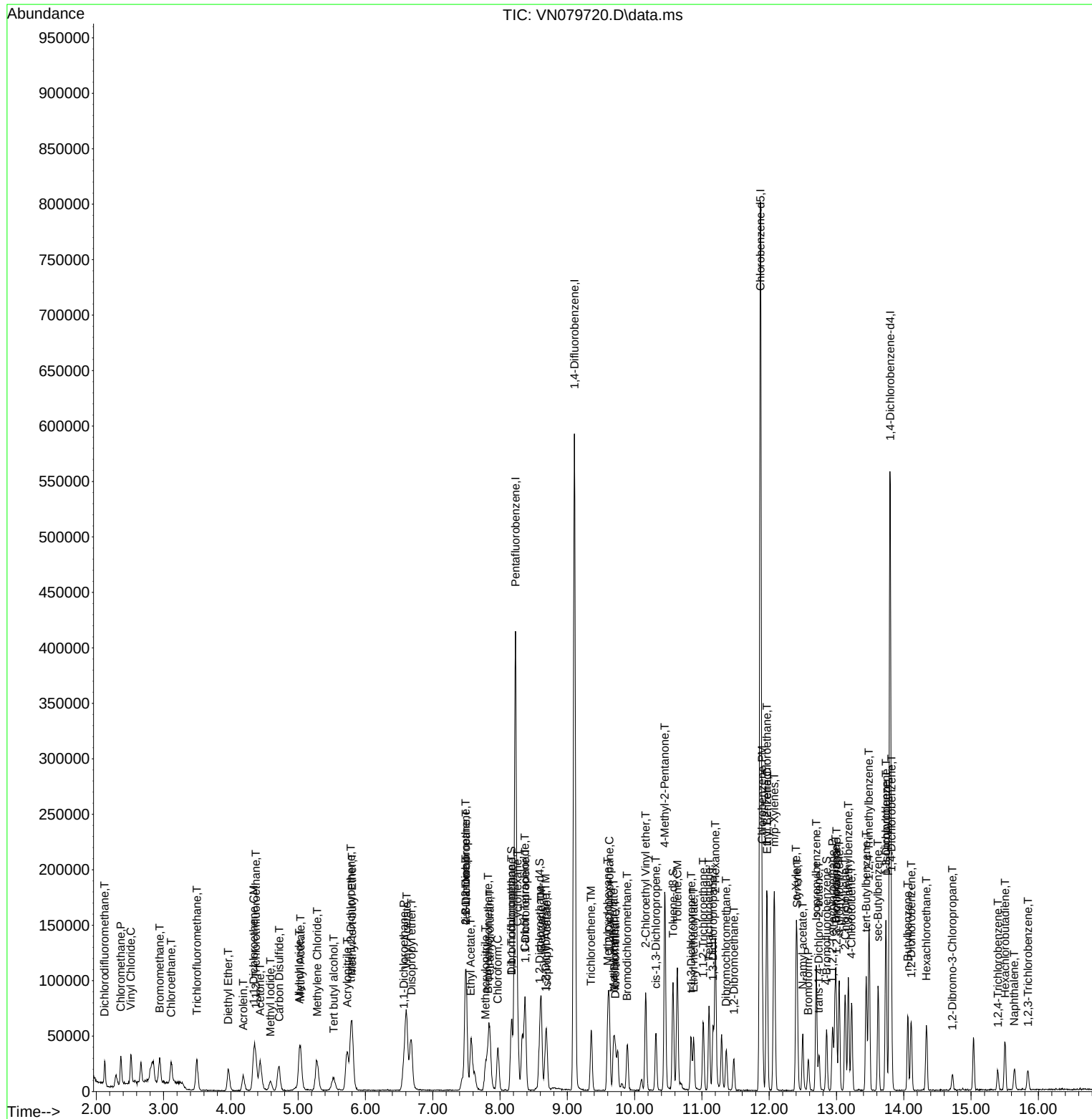
Quant Time: Oct 31 07:11:06 2023

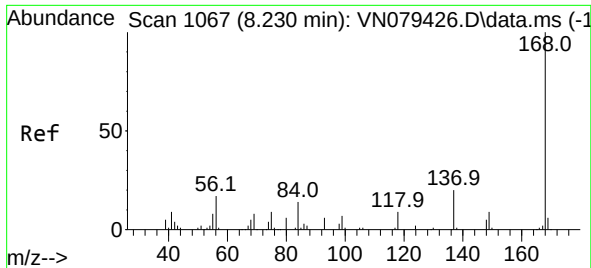
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Quant Title : SW846 8260

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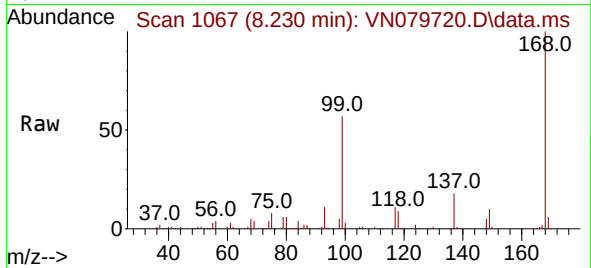
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079720.D
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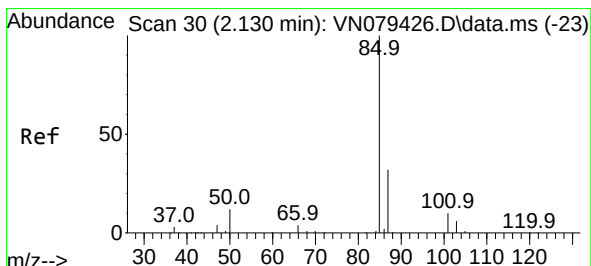
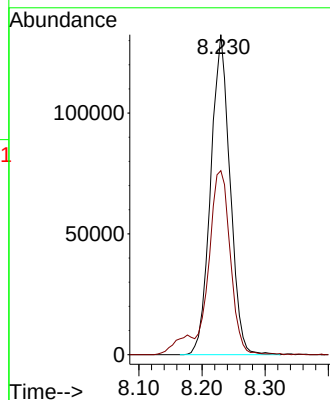
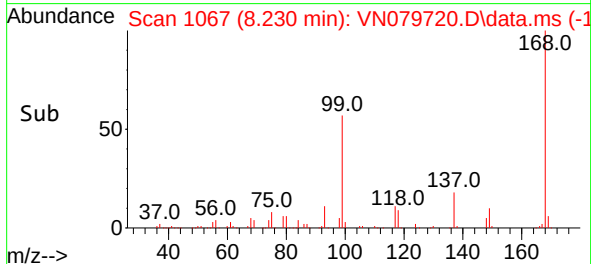
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 282070
Ion Ratio Lower Upper
168 100
99 57.1 53.0 79.6

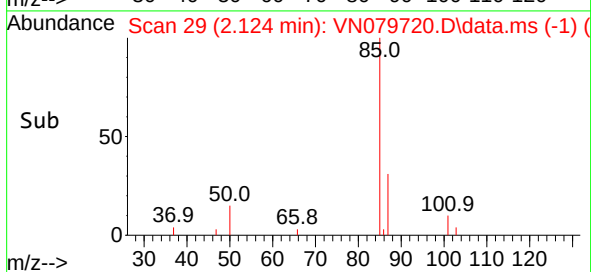
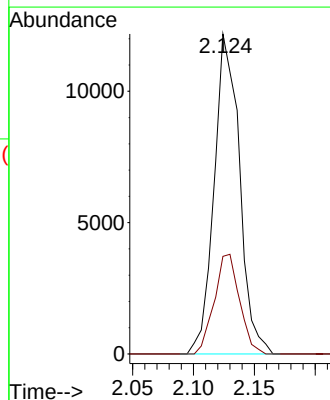
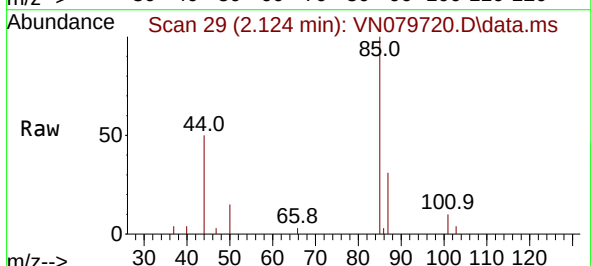
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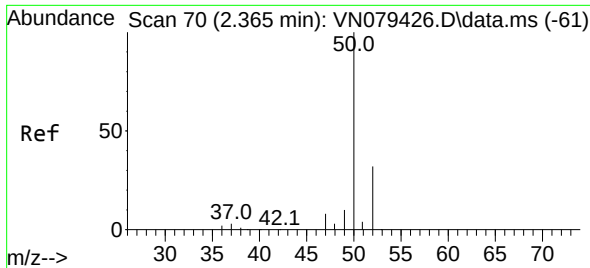
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#2
Dichlorodifluoromethane
Concen: 4.743 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 85 Resp: 17661
Ion Ratio Lower Upper
85 100
87 30.5 15.8 47.4





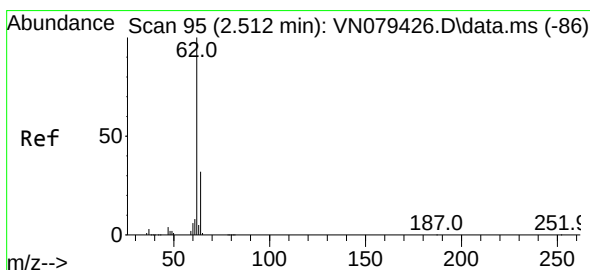
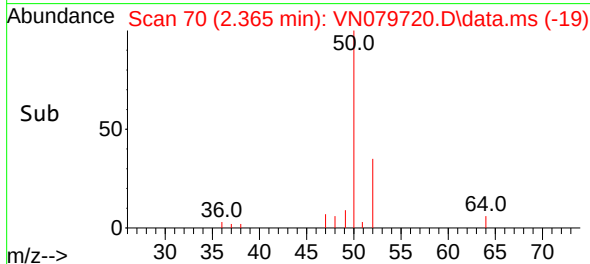
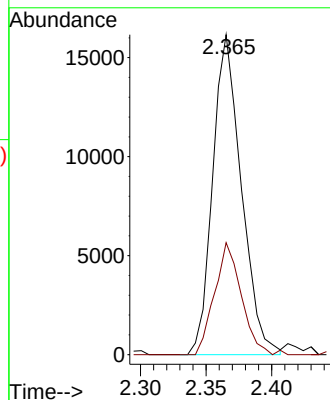
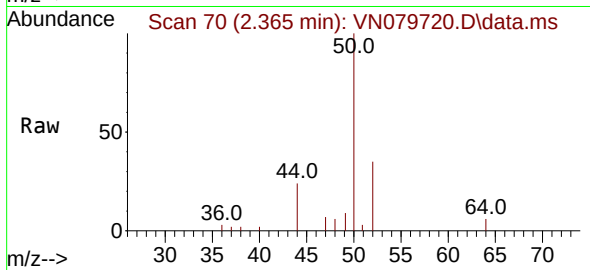
#3
Chloromethane
Concen: 5.434 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 2451
Ion Ratio Lower Upper
50 100
52 35.0 26.5 39.7

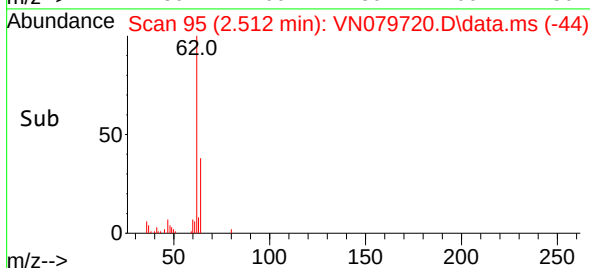
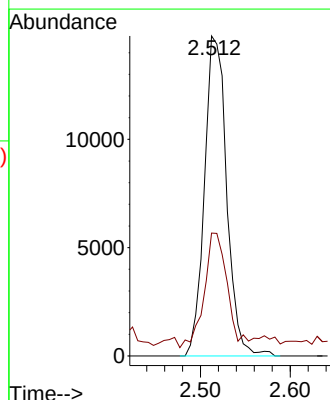
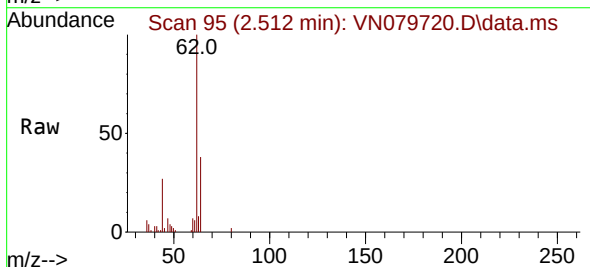
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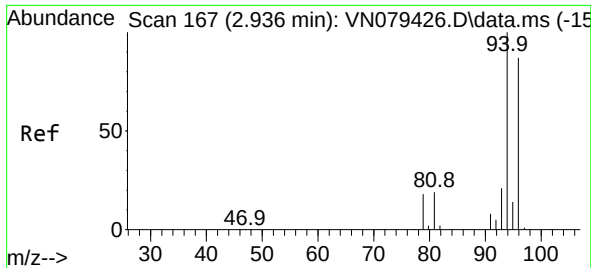
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#4
Vinyl Chloride
Concen: 5.238 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

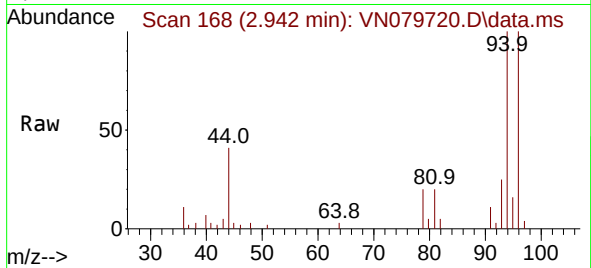
Tgt Ion: 62 Resp: 25445
Ion Ratio Lower Upper
62 100
64 35.8 26.2 39.2





#5
Bromomethane
Concen: 5.298 ug/l
RT: 2.942 min Scan# 168
Delta R.T. 0.006 min
Lab File: VN079720.D
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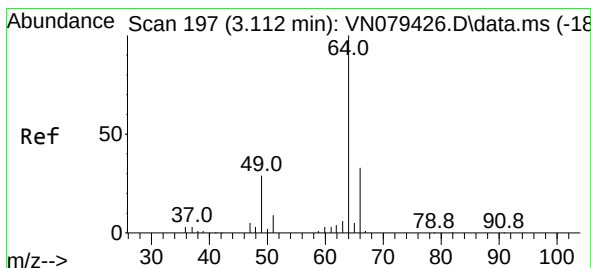
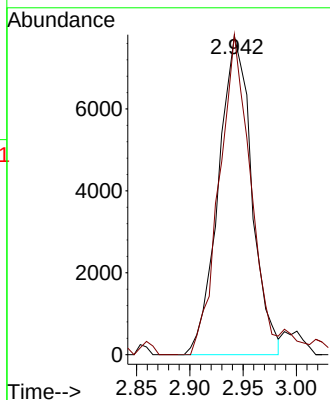
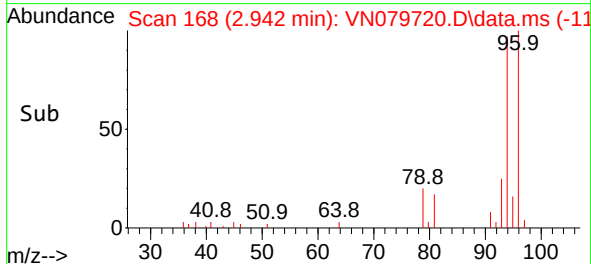
Instrument :
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Tgt Ion: 94 Resp: 16894
Ion Ratio Lower Upper
94 100
96 100.5 73.1 109.7

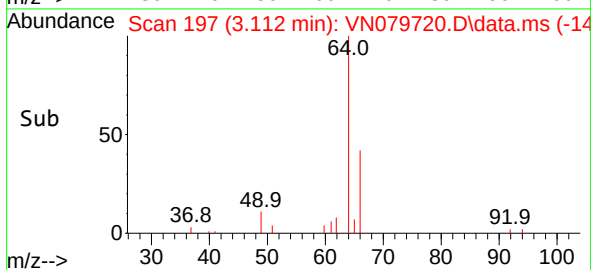
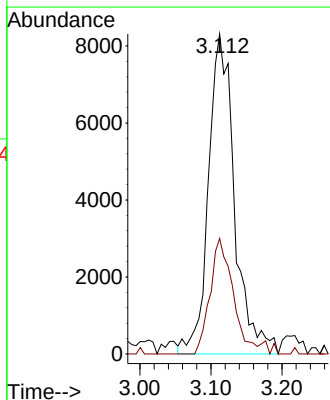
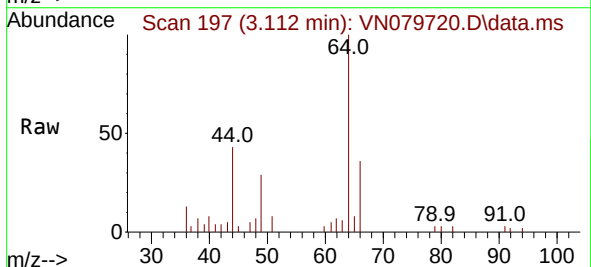
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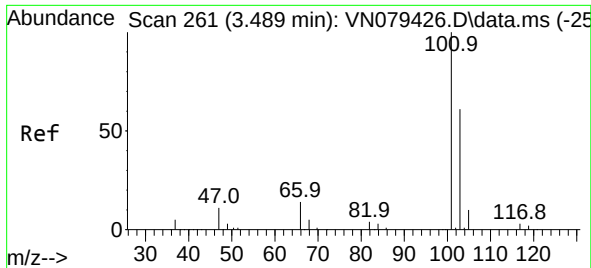
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#6
Chloroethane
Concen: 5.939 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 64 Resp: 21137
Ion Ratio Lower Upper
64 100
66 36.1 25.4 38.2





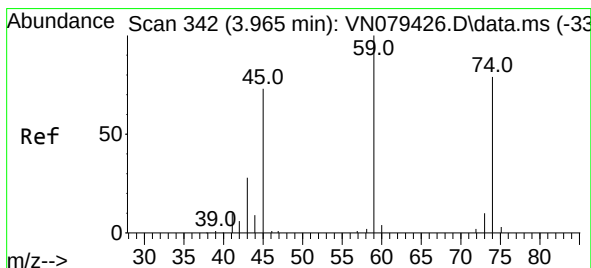
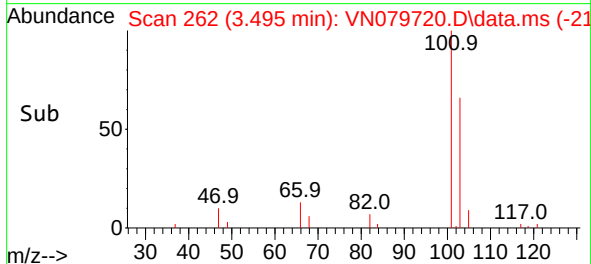
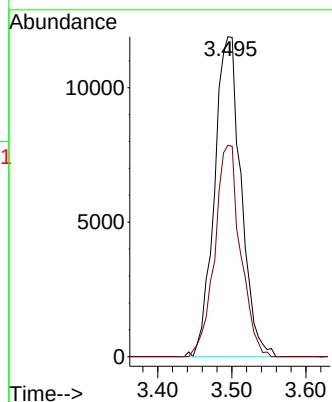
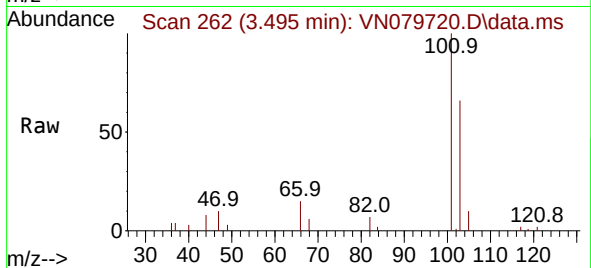
#7
Trichlorofluoromethane
Concen: 5.195 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 29680
Ion Ratio Lower Upper
101 100
103 66.0 50.7 76.1

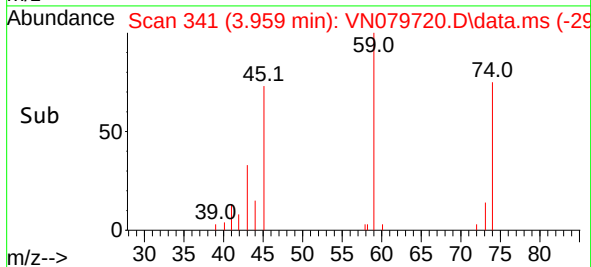
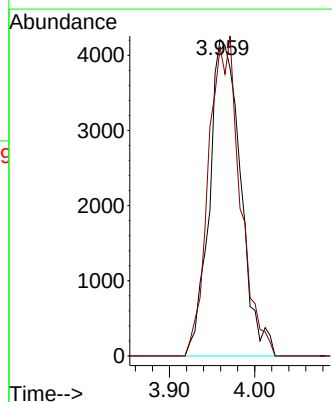
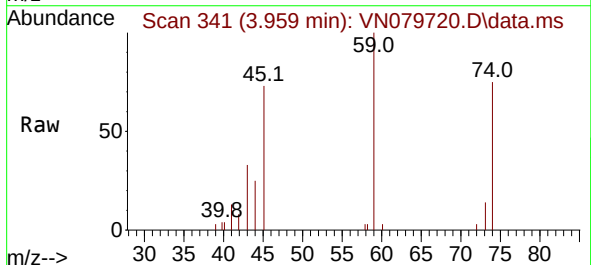
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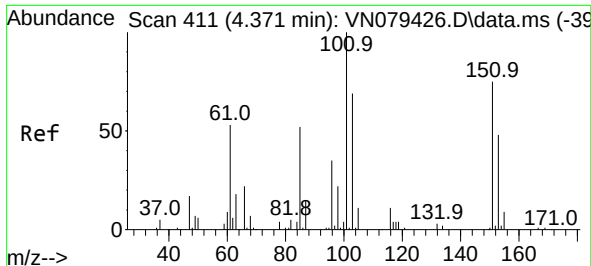
Reviewed By :John Carlone 10/31/2023
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#8
Diethyl Ether
Concen: 5.185 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 74 Resp: 10720
Ion Ratio Lower Upper
74 100
45 101.7 34.4 103.3





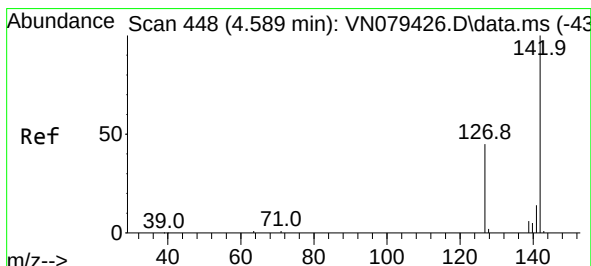
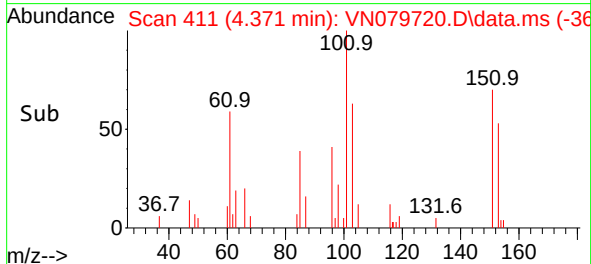
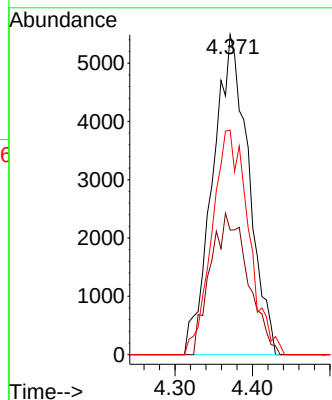
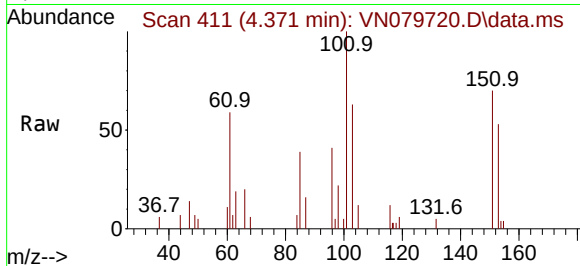
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.351 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 17700
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 71.2 57.6 86.4

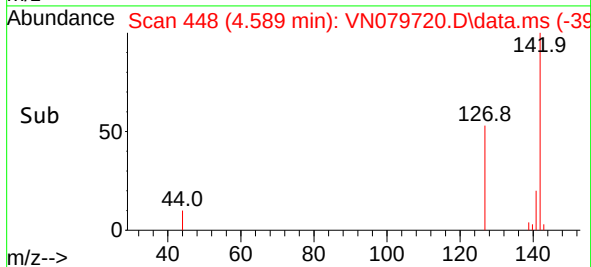
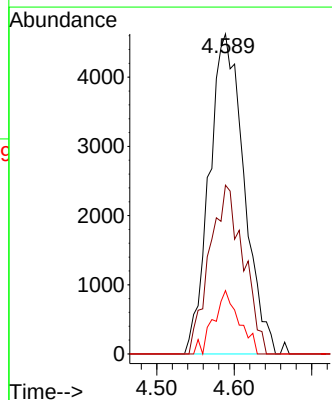
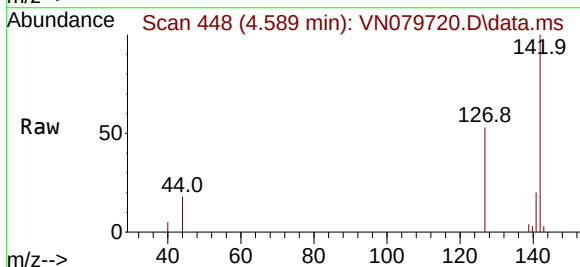
Manual Integrations
APPROVED

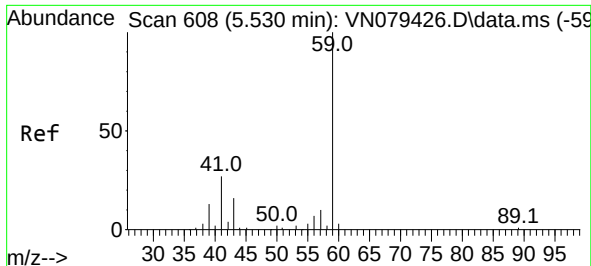
Reviewed By :John Carbone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 4.322 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion:142 Resp: 14392
Ion Ratio Lower Upper
142 100
127 52.7 37.6 56.4
141 19.8 11.4 17.0#





#11

Tert butyl alcohol

Concen: 29.925 ug/l

RT: 5.530 min Scan# 608

Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 17979

Ion Ratio Lower Upper

59 100

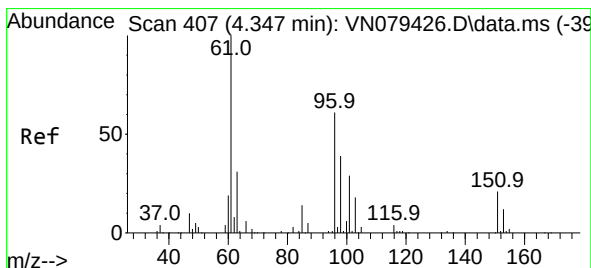
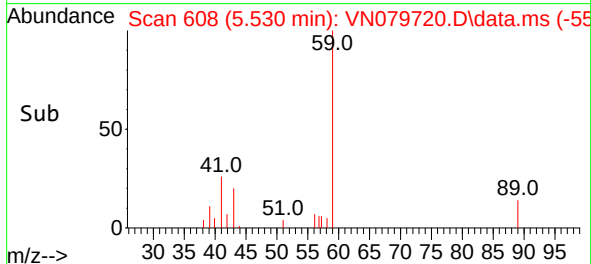
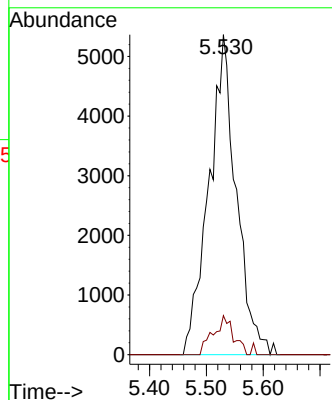
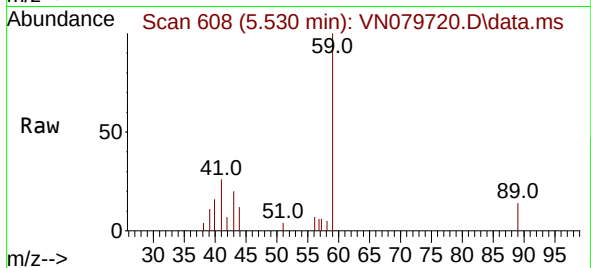
57 8.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#12

1,1-Dichloroethene

Concen: 5.311 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.005 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

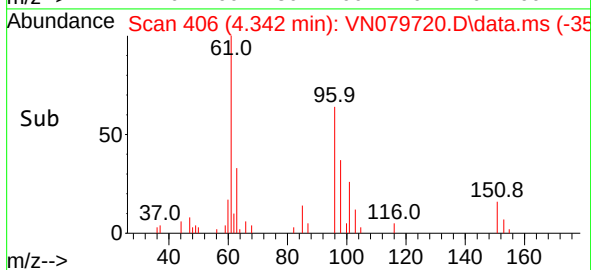
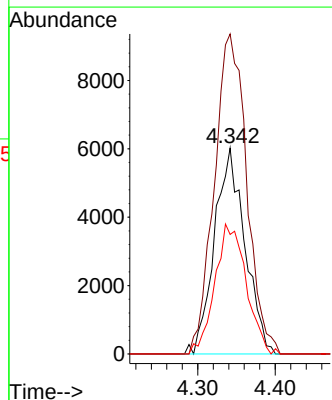
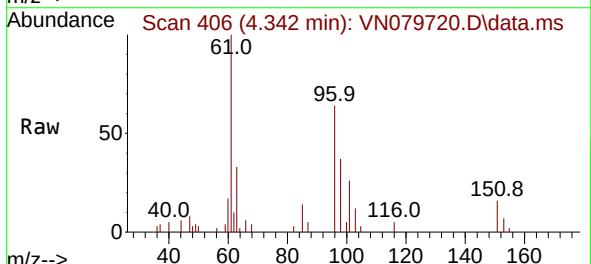
Tgt Ion: 96 Resp: 16459

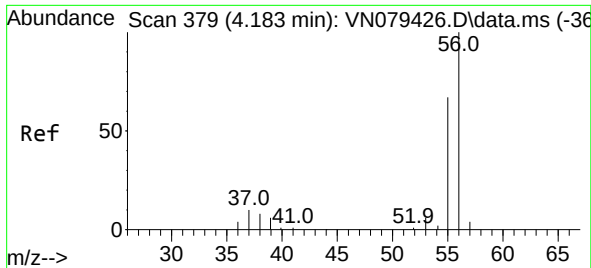
Ion Ratio Lower Upper

96 100

61 155.4 112.7 169.1

98 58.0 51.2 76.8





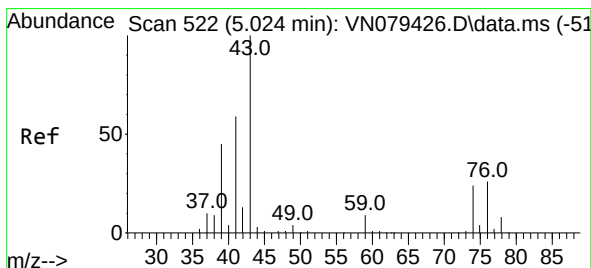
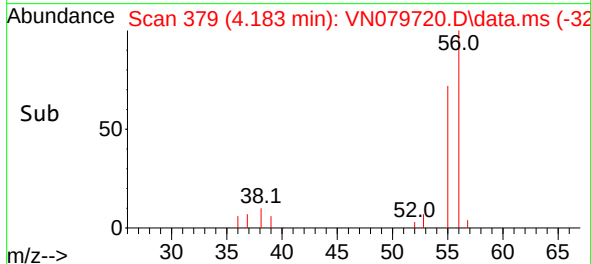
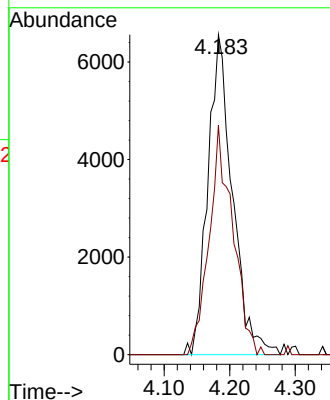
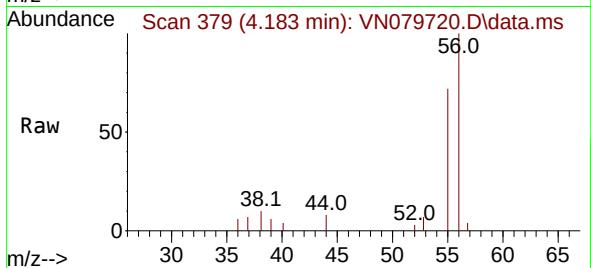
#13
Acrolein
Concen: 28.363 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 1714
Ion Ratio Lower Upper
56 100
55 68.6 54.5 81.7

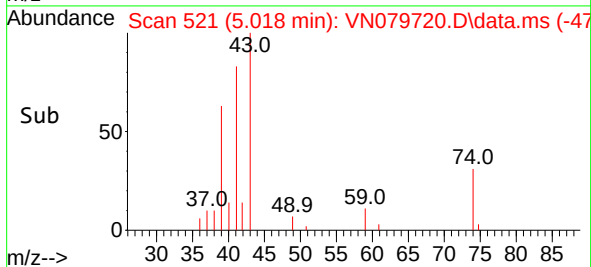
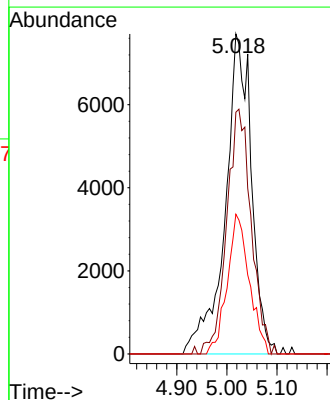
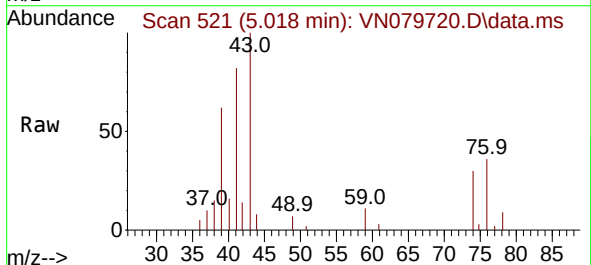
Manual Integrations
APPROVED

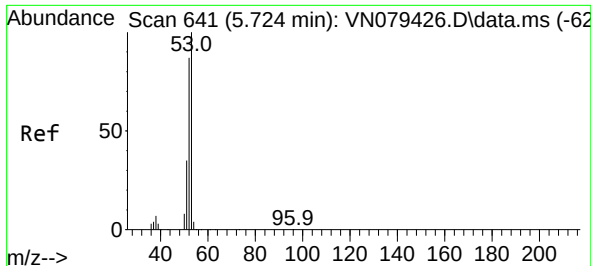
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#14
Allyl chloride
Concen: 5.389 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

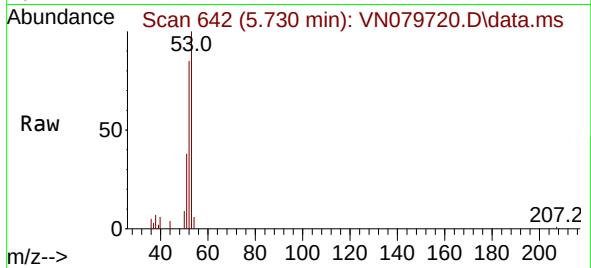
Tgt Ion: 41 Resp: 28008
Ion Ratio Lower Upper
41 100
39 71.4 58.8 88.2
76 36.7 39.1 58.7#





#15
Acrylonitrile
Concen: 24.725 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

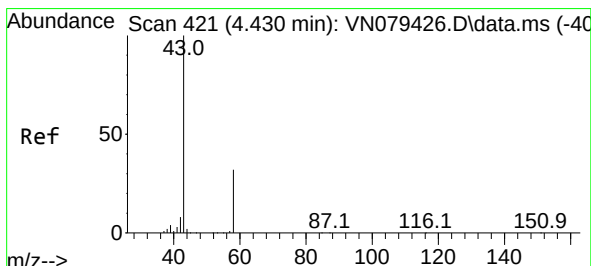
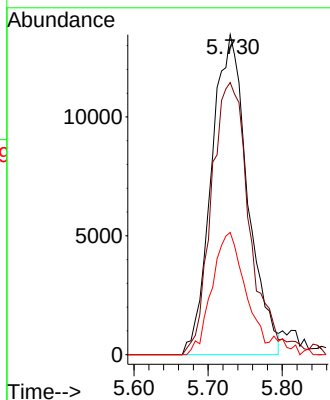
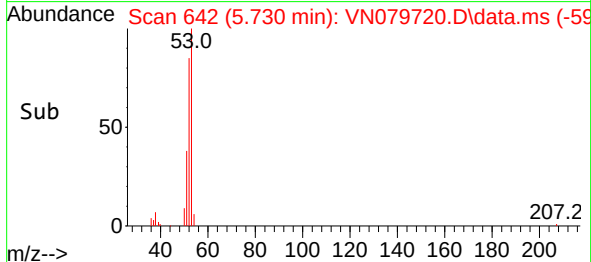
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 4571
Ion Ratio Lower Upper
53 100
52 90.2 65.3 97.9
51 35.5 28.9 43.3

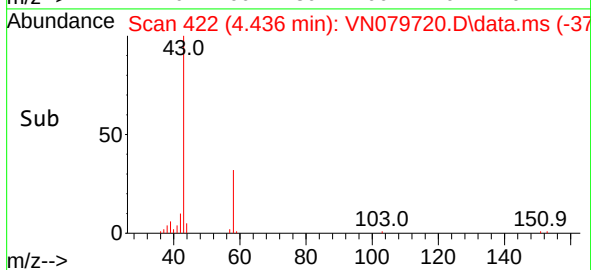
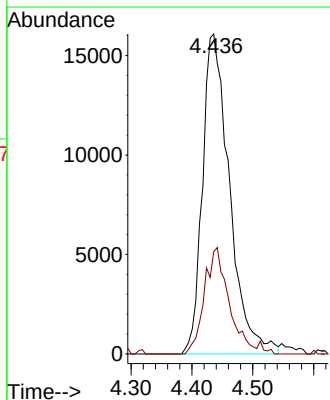
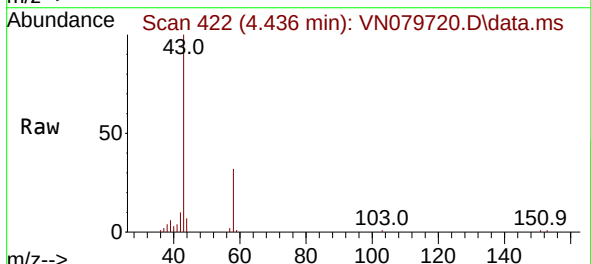
Manual Integrations
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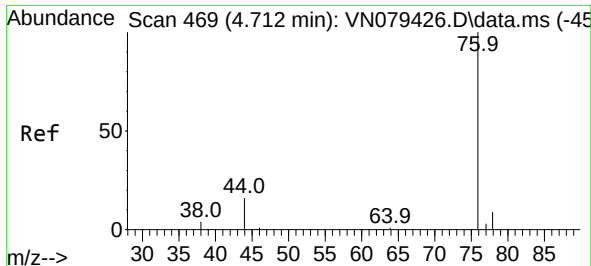
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 25.600 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 43 Resp: 49611
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0





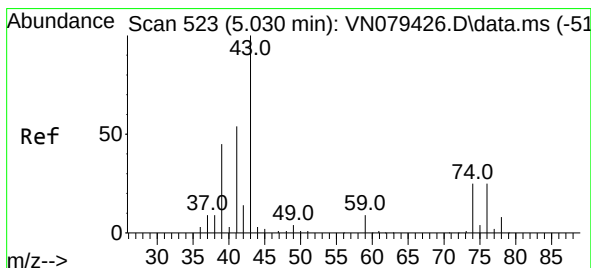
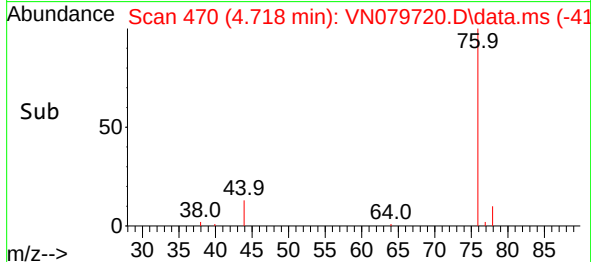
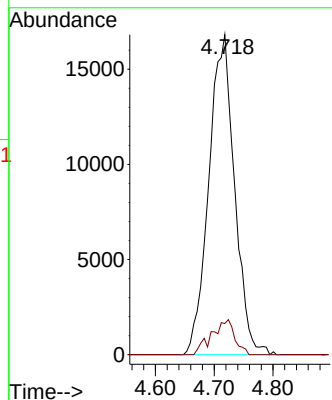
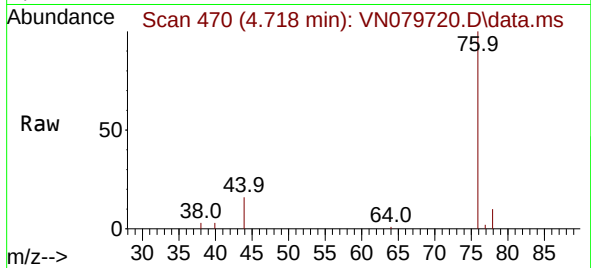
#17
Carbon Disulfide
Concen: 5.410 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 51198
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

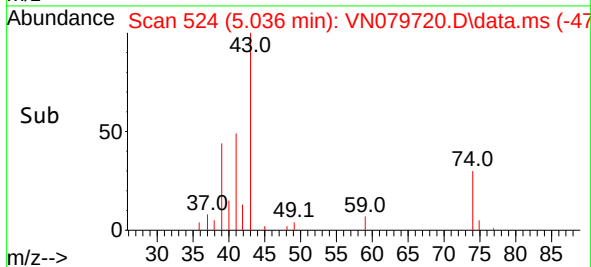
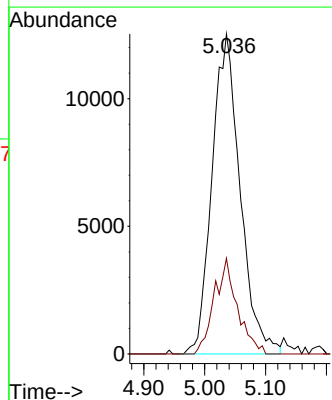
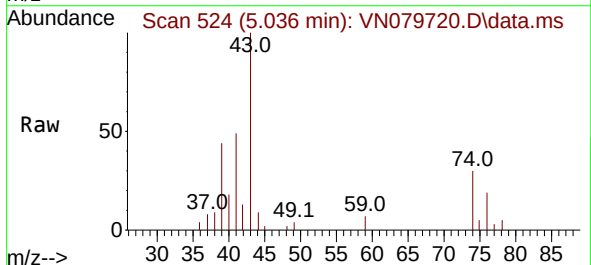
Manual Integrations
APPROVED

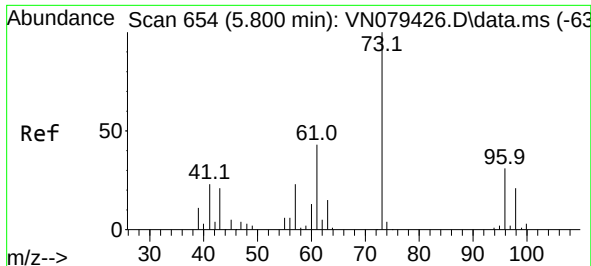
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 5.138 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 43 Resp: 40174
Ion Ratio Lower Upper
43 100
74 24.7 26.2 39.4#





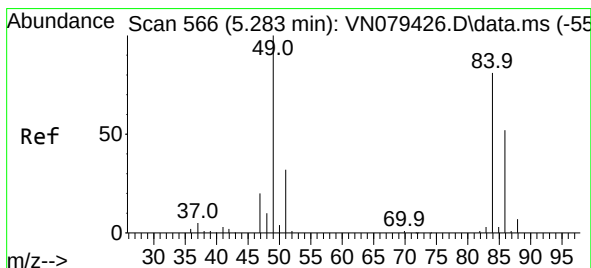
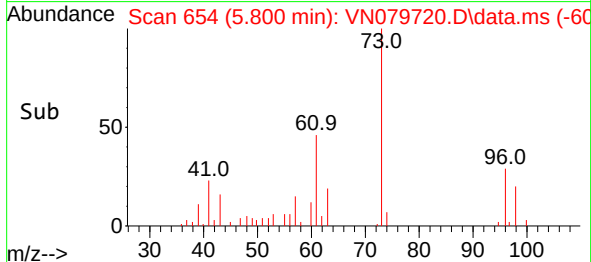
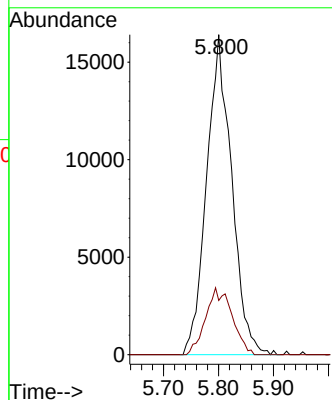
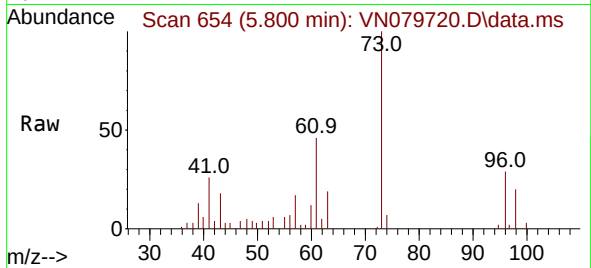
#19
Methyl tert-butyl Ether
Concen: 4.948 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 51884
Ion Ratio Lower Upper
73 100
57 16.9 15.6 23.4

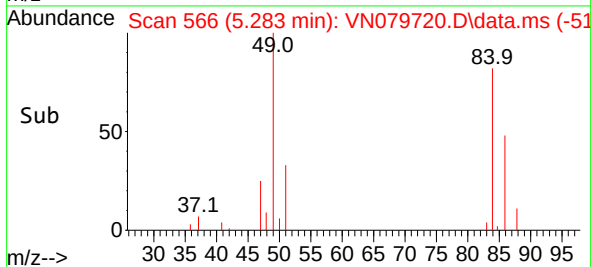
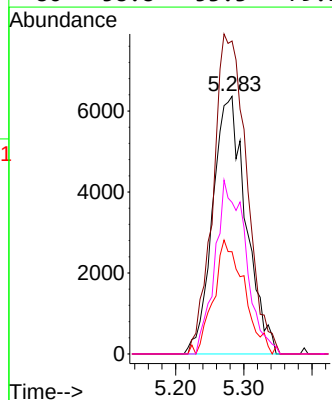
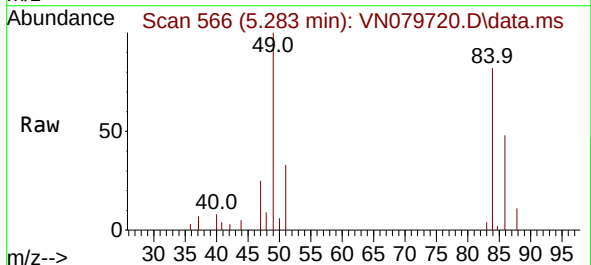
Manual Integrations
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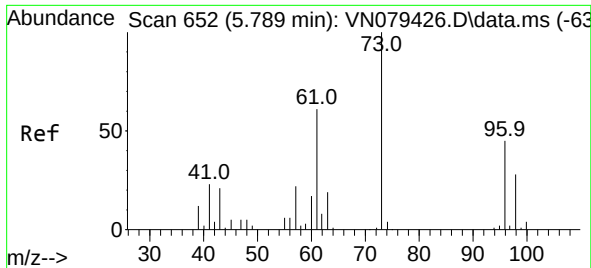
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#20
Methylene Chloride
Concen: 5.626 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 84 Resp: 21591
Ion Ratio Lower Upper
84 100
49 121.5 79.7 119.5#
51 39.7 25.2 37.8#
86 58.8 53.3 79.9





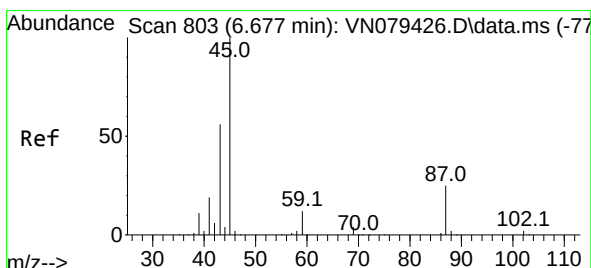
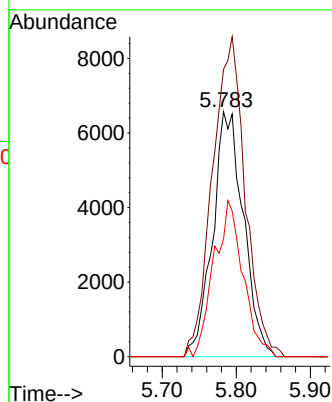
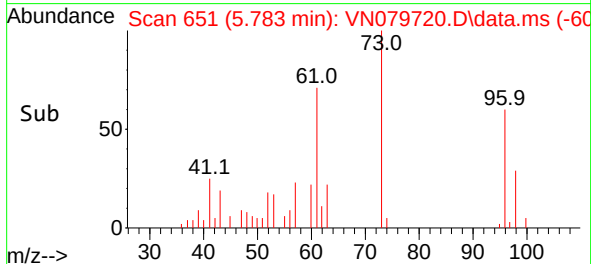
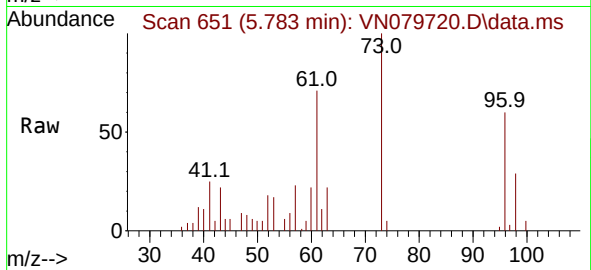
#21
trans-1,2-Dichloroethene
Concen: 5.394 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 18970
Ion Ratio Lower Upper
96 100
61 117.3 90.1 135.1
98 47.9 46.4 69.6

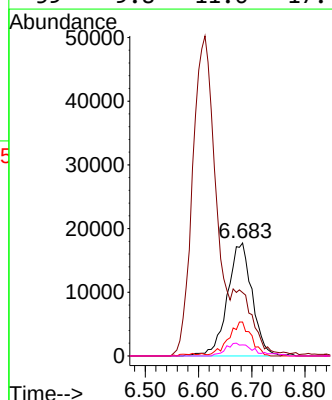
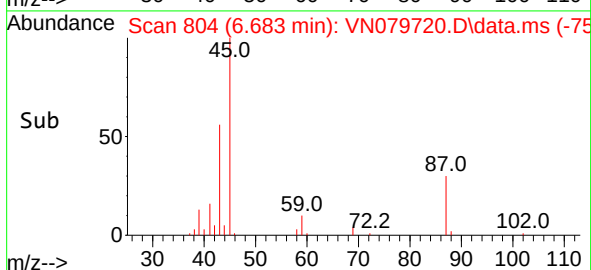
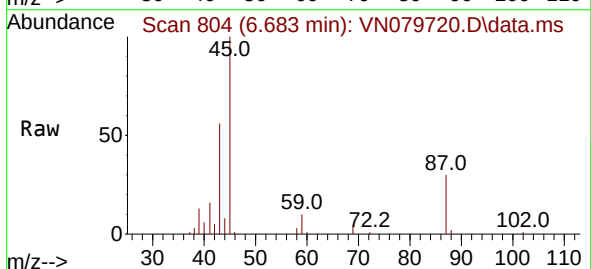
Manual Integrations
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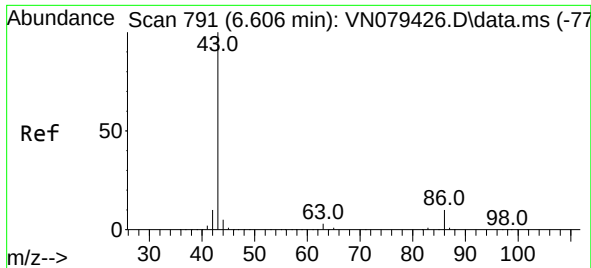
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#22
Diisopropyl ether
Concen: 4.882 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 45 Resp: 57046
Ion Ratio Lower Upper
45 100
43 53.2 45.5 68.3
87 30.0 31.8 47.8#
59 9.8 11.6 17.4#





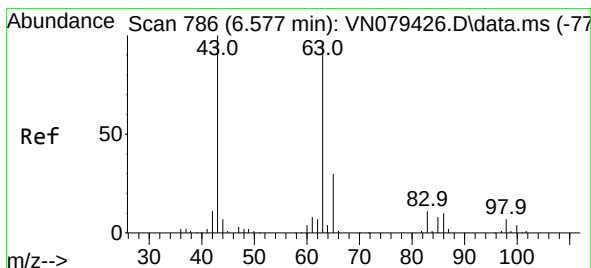
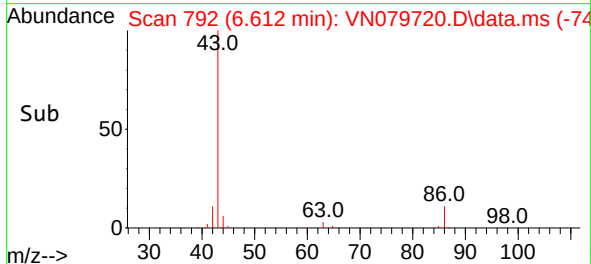
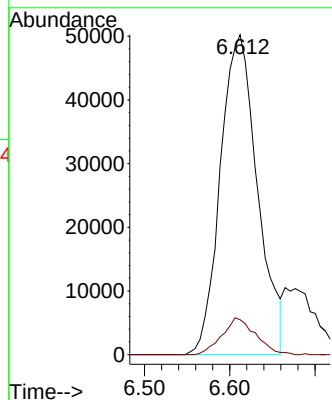
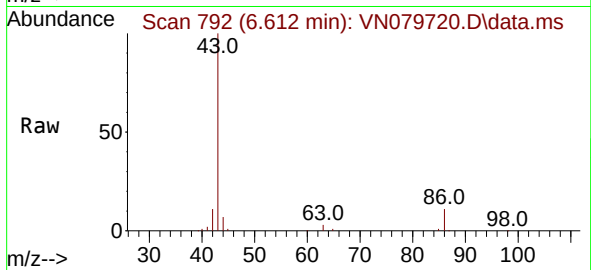
#23
 Vinyl Acetate
 Concen: 23.637 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 152058
 Ion Ratio Lower Upper
 43 100
 86 10.9 13.0 19.6

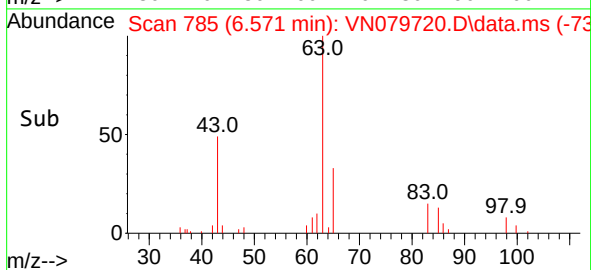
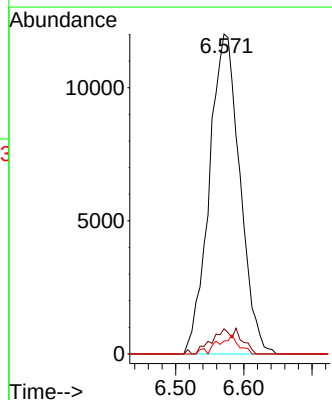
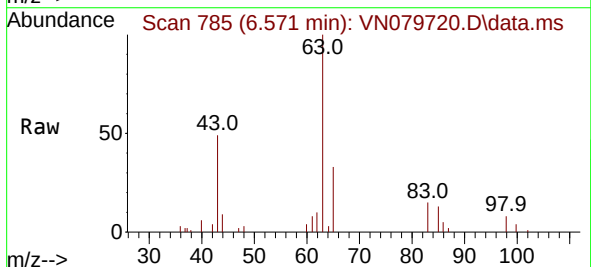
Manual Integrations
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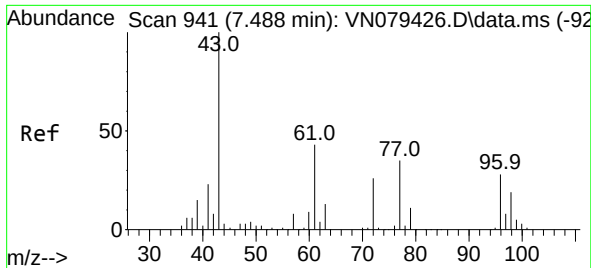
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 5.352 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

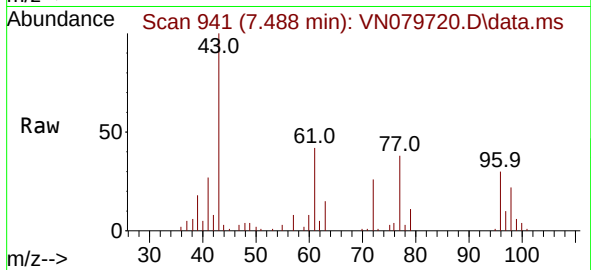
Tgt Ion: 63 Resp: 37472
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 25.289 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

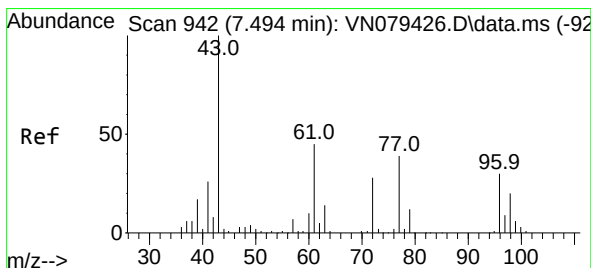
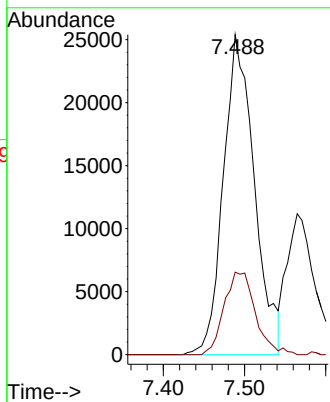
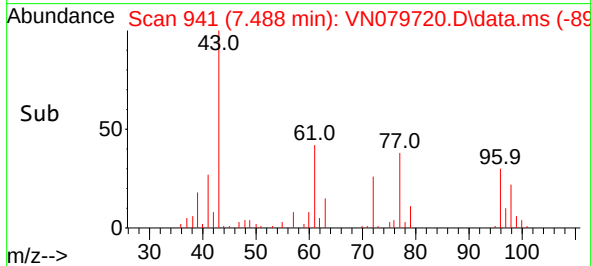
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



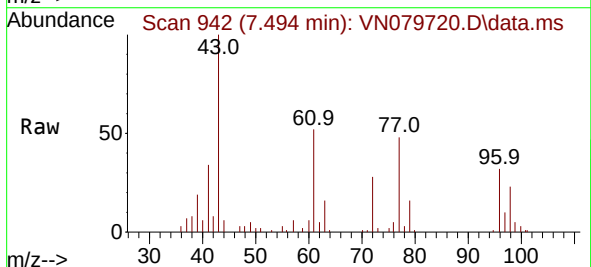
Tgt Ion: 43 Resp: 67320
Ion Ratio Lower Upper
43 100
72 25.8 30.2 45.2

Manual Integrations
APPROVED

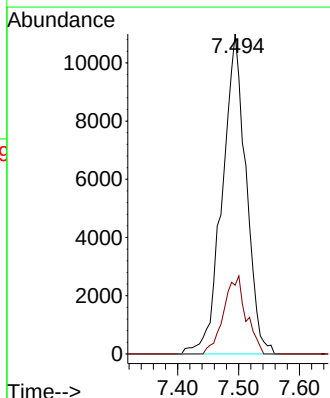
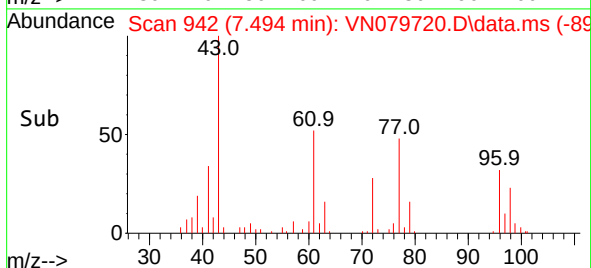
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

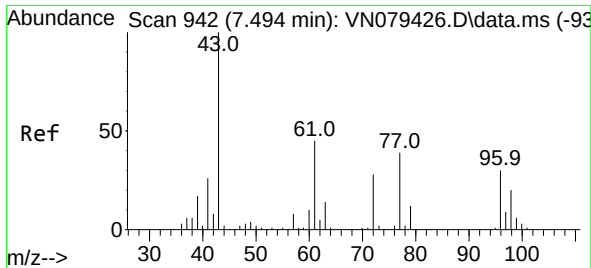


#26
2,2-Dichloropropane
Concen: 5.259 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46



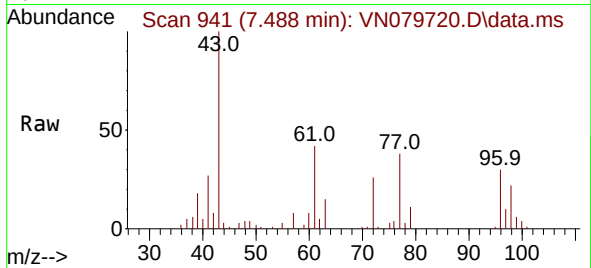
Tgt Ion: 77 Resp: 29796
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 5.120 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

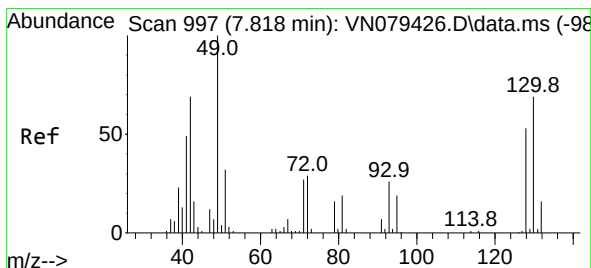
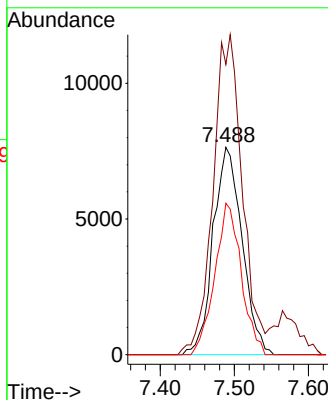
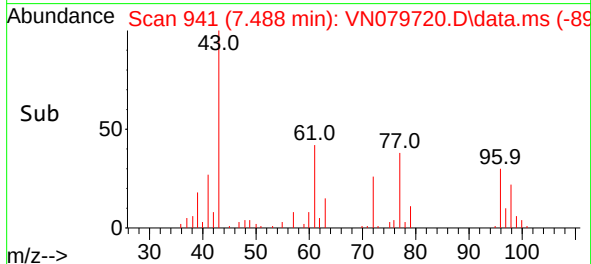
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 20735
Ion Ratio Lower Upper
96 100
61 155.4 0.0 255.2
98 66.6 0.0 128.8

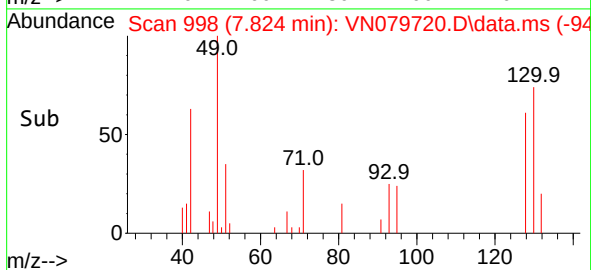
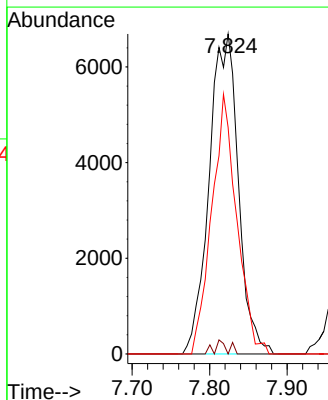
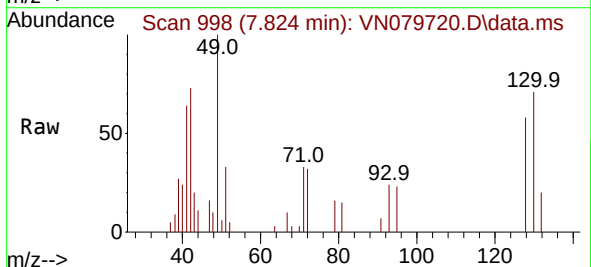
Manual Integrations
APPROVED

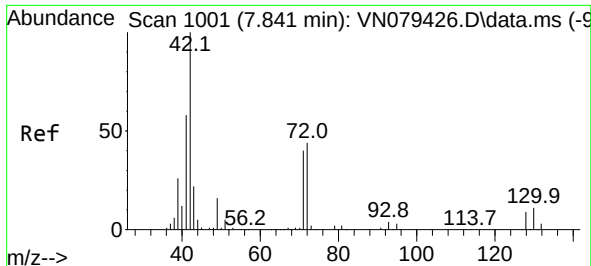
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#28
Bromochloromethane
Concen: 5.107 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 49 Resp: 17491
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 69.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 23.089 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

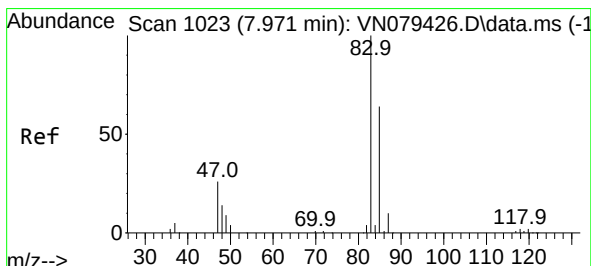
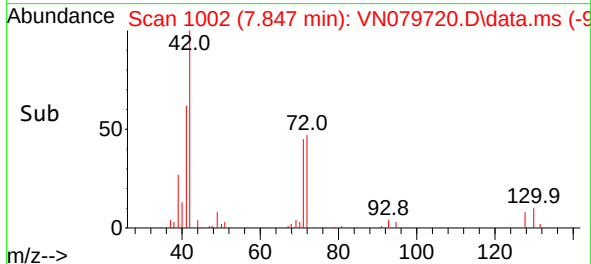
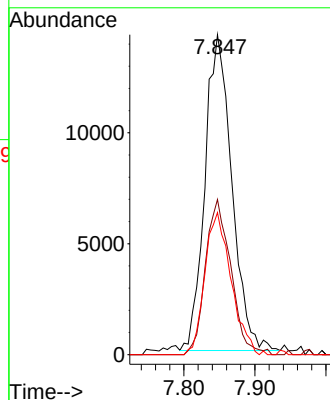
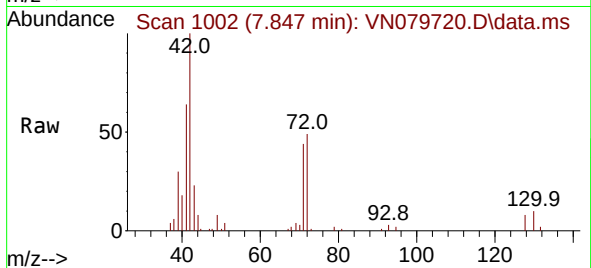
Tgt Ion: 42 Resp: 37550
 Ion Ratio Lower Upper
 42 100
 72 46.4 49.8 74.6
 71 43.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 5.171 ug/l

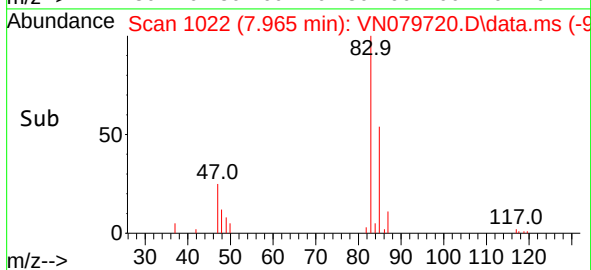
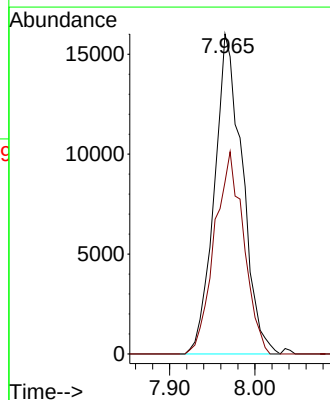
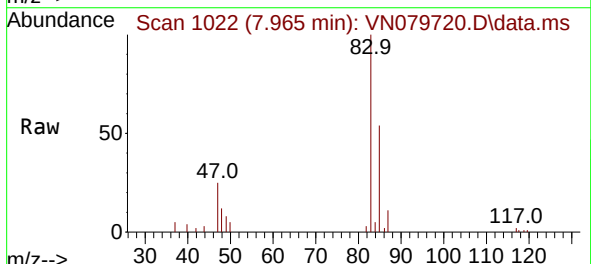
RT: 7.965 min Scan# 1022

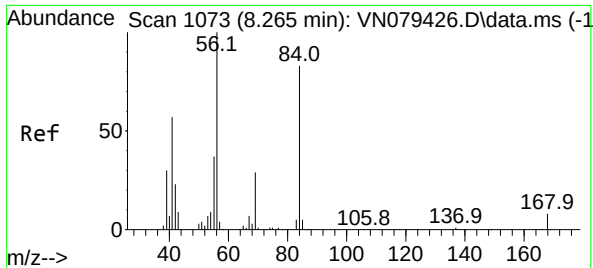
Delta R.T. -0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

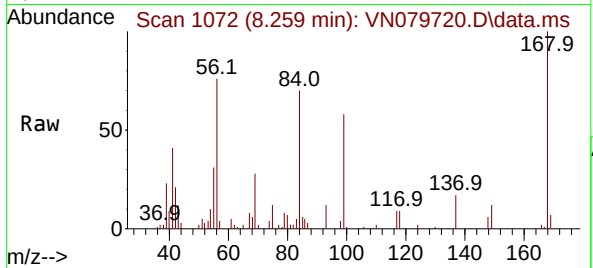
Tgt Ion: 83 Resp: 36459
 Ion Ratio Lower Upper
 83 100
 85 53.7 55.4 83.0





#31
Cyclohexane
Concen: 5.724 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

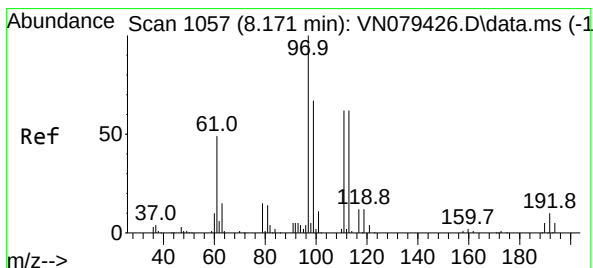
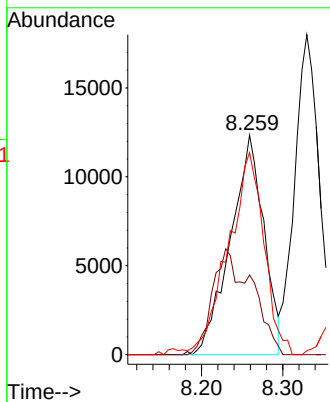
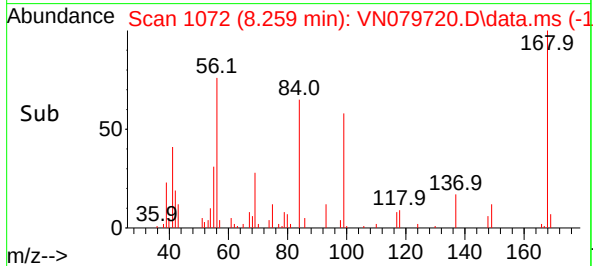
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



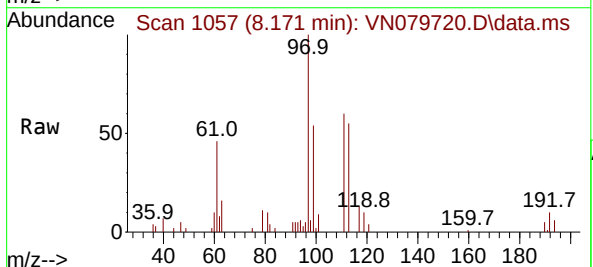
Tgt Ion: 56 Resp: 3537
Ion Ratio Lower Upper
56 100
69 36.3 26.8 40.2
84 90.0 81.8 122.6

Manual Integrations
APPROVED

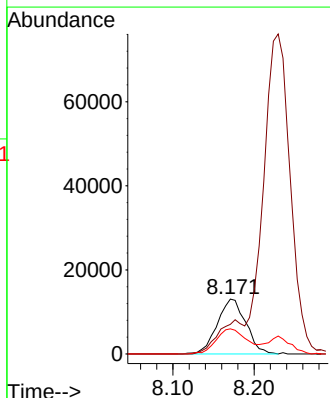
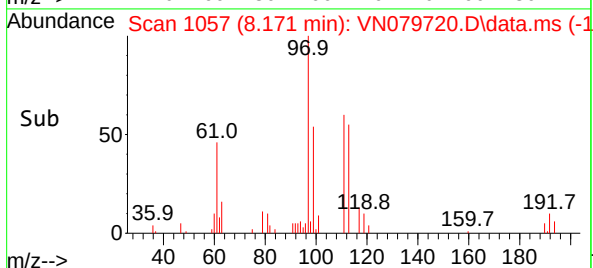
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

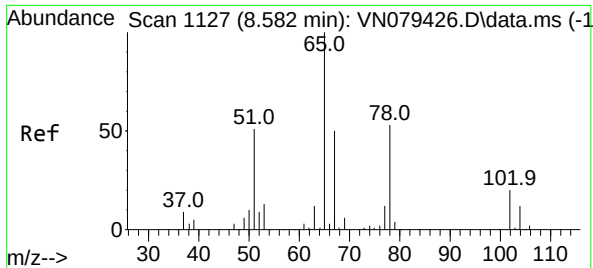


#32
1,1,1-Trichloroethane
Concen: 5.222 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46



Tgt Ion: 97 Resp: 31917
Ion Ratio Lower Upper
97 100
99 56.2 50.3 75.5
61 49.9 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 5.169 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

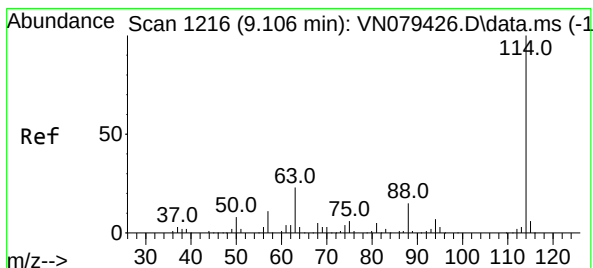
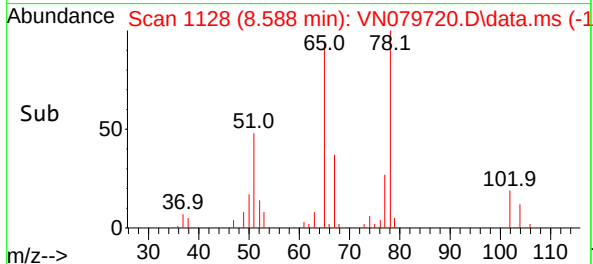
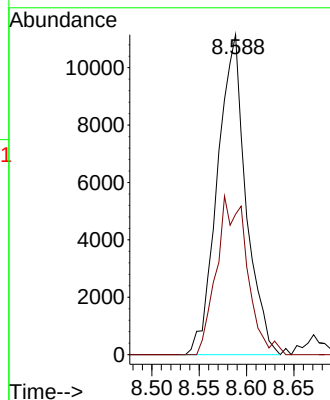
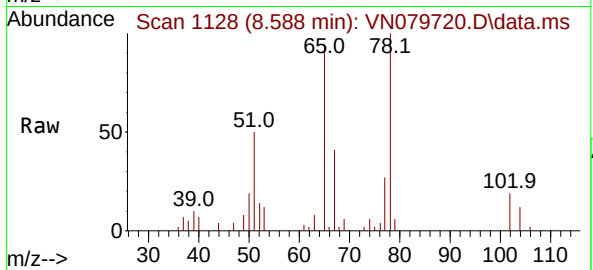
VSTDIC005

Tgt Ion: 65 Resp: 23410
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

Manual Integrations

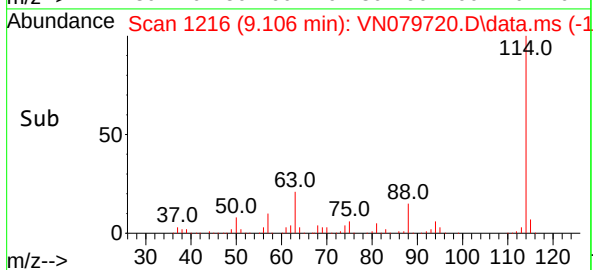
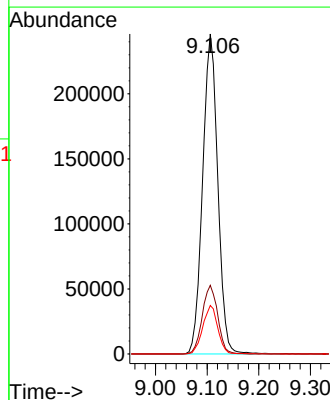
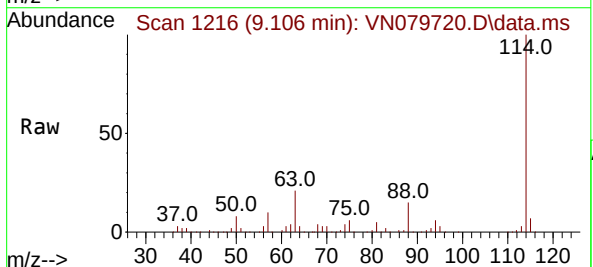
APPROVED

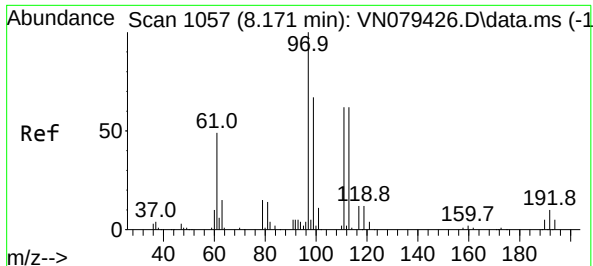
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion:114 Resp: 499886
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 4.918 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

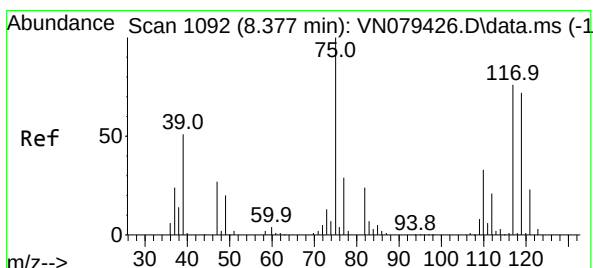
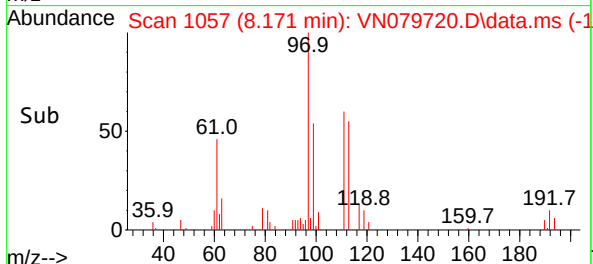
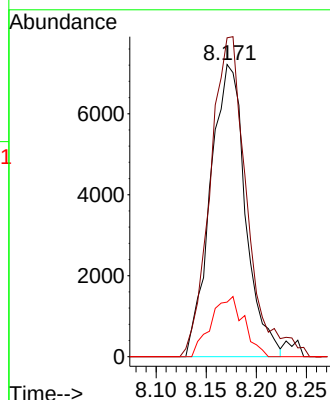
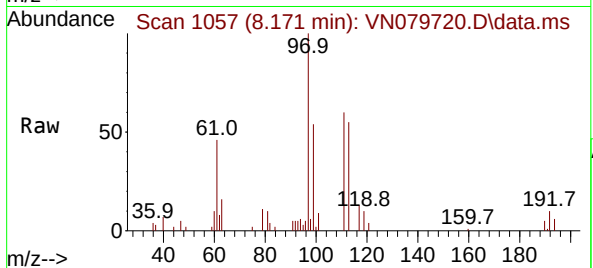
Tgt Ion:	113	Resp:	1756
Ion Ratio	Lower	Upper	
113	100		
111	113.7	82.6	123.8
192	19.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 4.896 ug/l

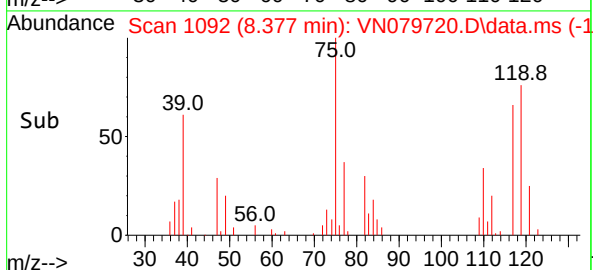
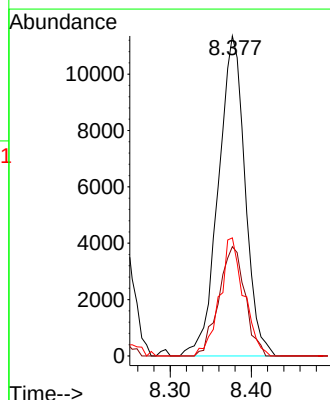
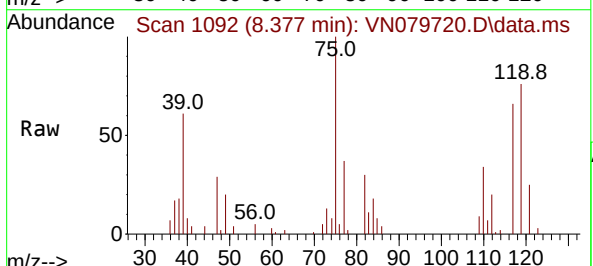
RT: 8.377 min Scan# 1092

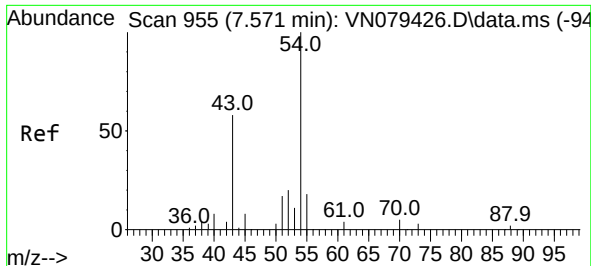
Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Tgt Ion:	75	Resp:	25944
Ion Ratio	Lower	Upper	
75	100		
110	33.6	19.1	57.3
77	33.5	25.0	37.4





#37

Ethyl Acetate

Concen: 5.383 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

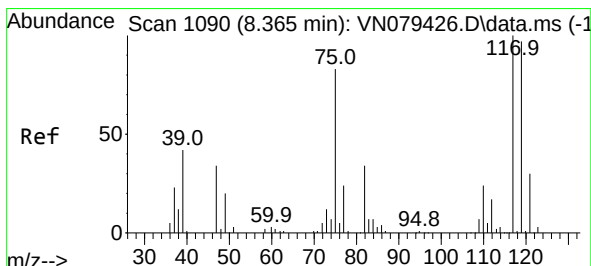
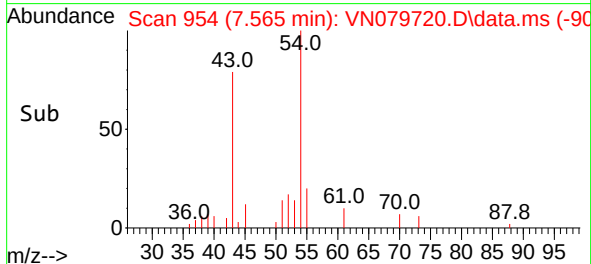
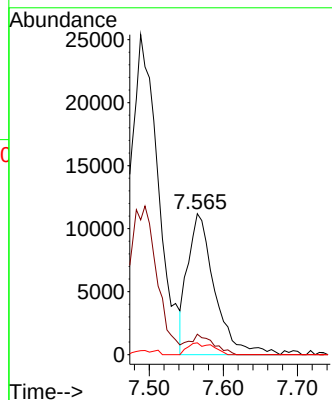
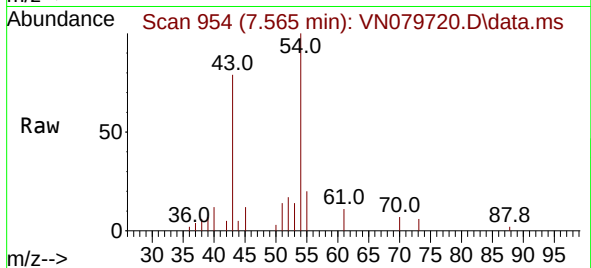
Tgt Ion:	43	Resp:	2827
Ion Ratio	Lower	Upper	
43	100		
61	12.1	13.2	19.8
70	7.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#38

Carbon Tetrachloride

Concen: 5.199 ug/l

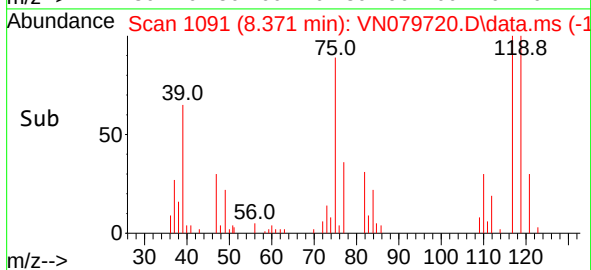
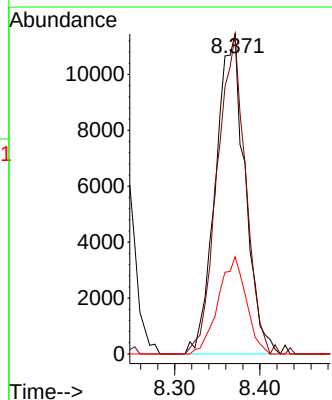
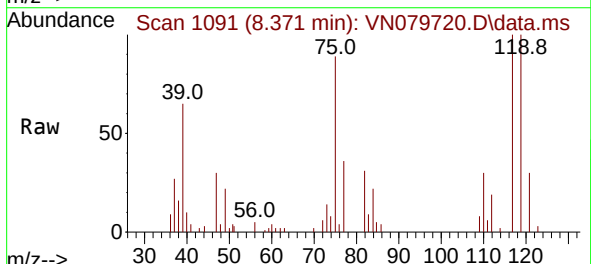
RT: 8.371 min Scan# 1091

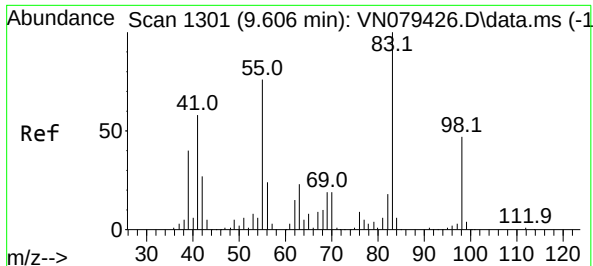
Delta R.T. 0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Tgt Ion:	117	Resp:	27471
Ion Ratio	Lower	Upper	
117	100		
119	99.6	77.3	115.9
121	30.3	23.3	34.9





#39

Methylcyclohexane

Concen: 4.873 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

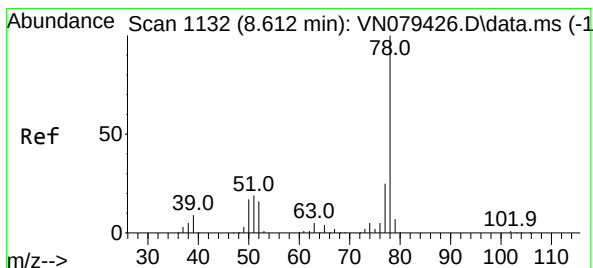
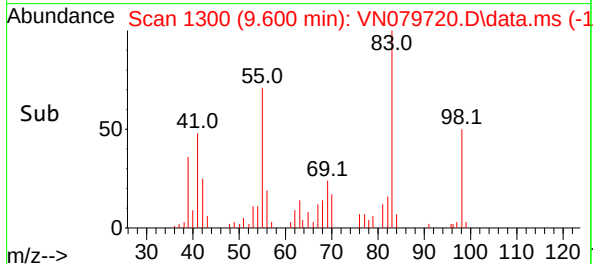
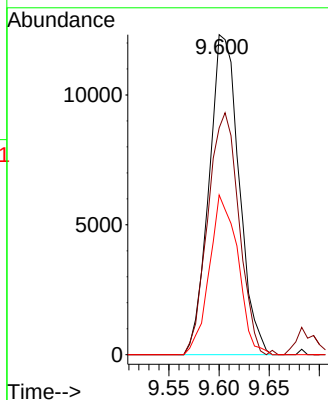
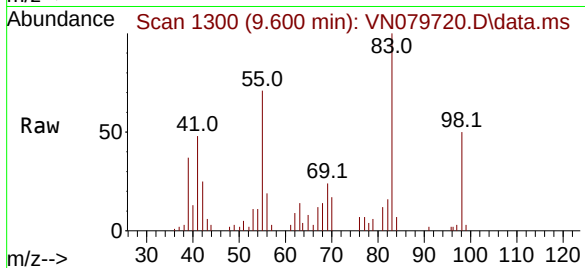
Tgt Ion: 83	Resp: 25684
Ion Ratio	Lower Upper
83 100	
55 70.8	49.1 73.7
98 49.9	40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 5.044 ug/l

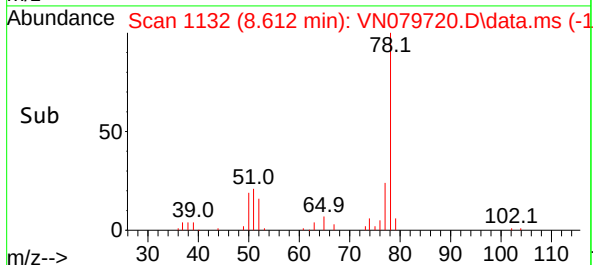
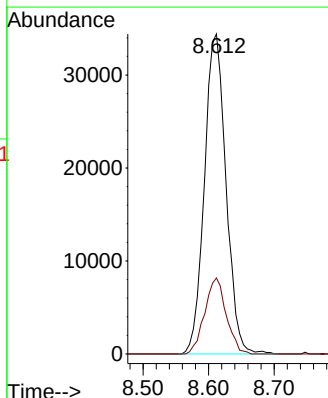
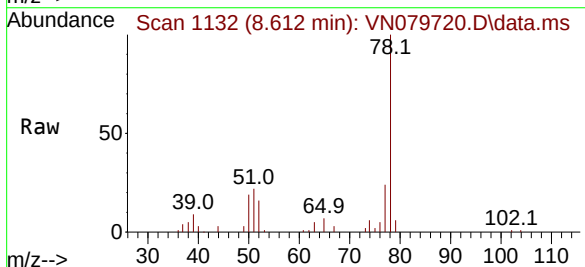
RT: 8.612 min Scan# 1132

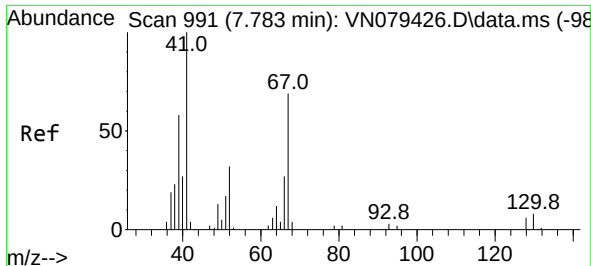
Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

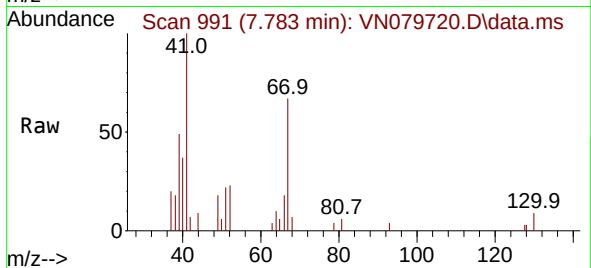
Tgt Ion: 78	Resp: 78891
Ion Ratio	Lower Upper
78 100	
77 23.8	19.0 28.6





#41
Methacrylonitrile
Concen: 4.770 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

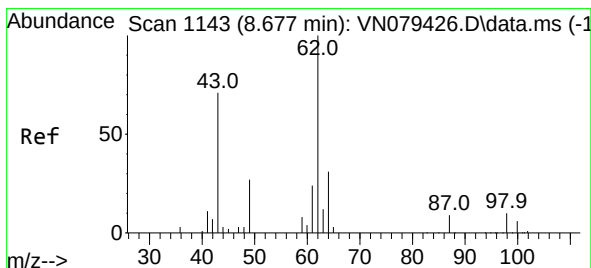
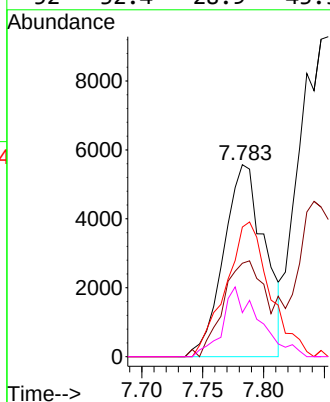
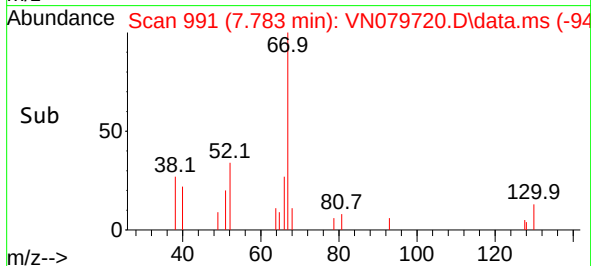
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



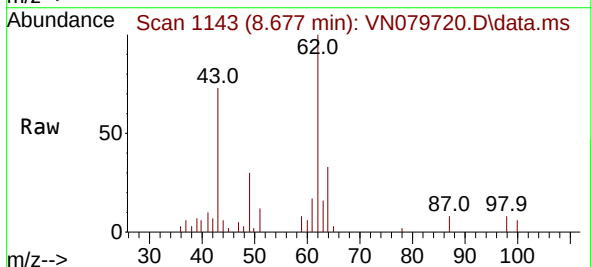
Tgt Ion: 41 Resp: 1306
Ion Ratio Lower Upper
41 100
39 49.9 42.6 64.0
67 74.8 77.5 116.3
52 32.4 28.9 43.3

Manual Integrations
APPROVED

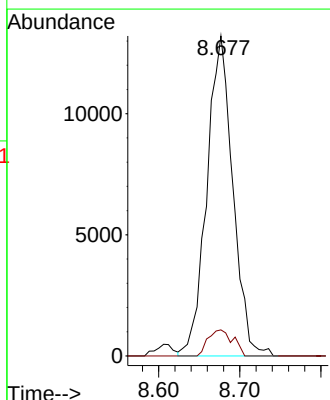
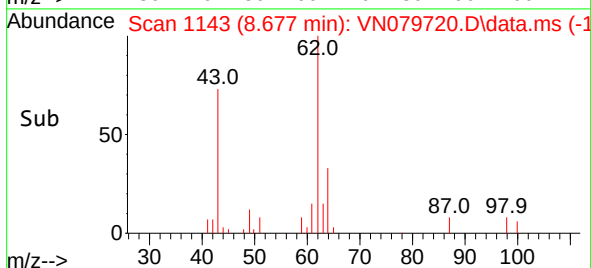
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

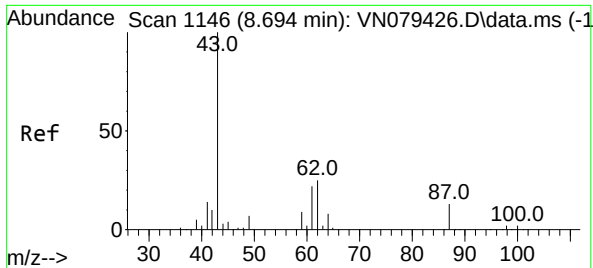


#42
1,2-Dichloroethane
Concen: 5.176 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46



Tgt Ion: 62 Resp: 29400
Ion Ratio Lower Upper
62 100
98 7.8 0.0 19.8





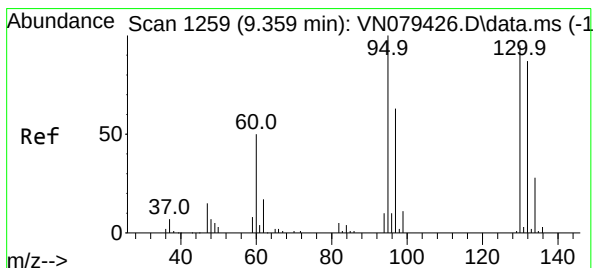
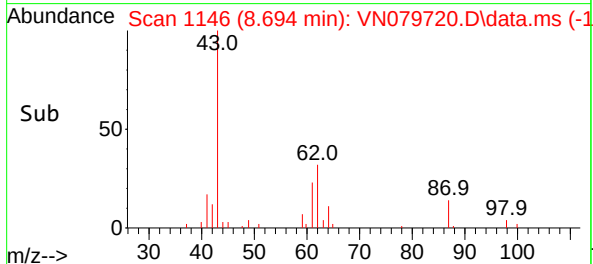
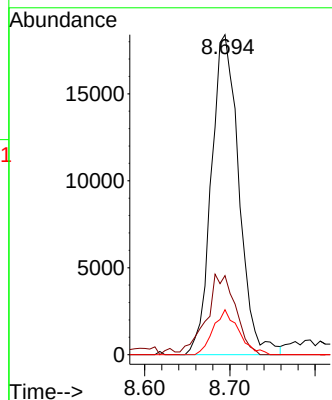
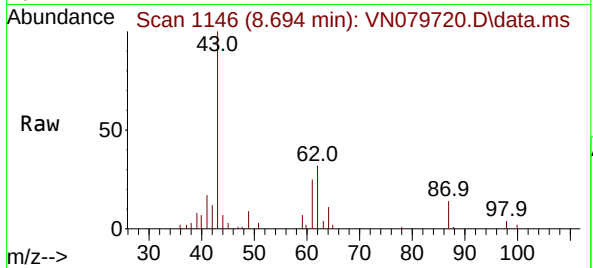
#43
Isopropyl Acetate
Concen: 4.921 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4132
Ion Ratio Lower Upper
43 100
61 26.6 24.7 37.1
87 12.9 14.6 21.8

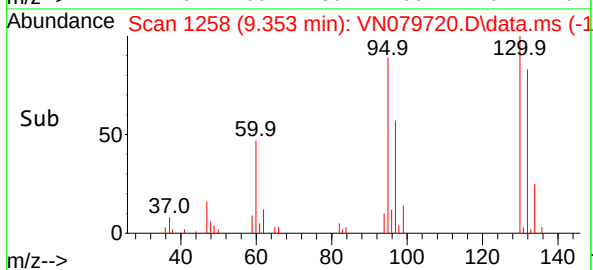
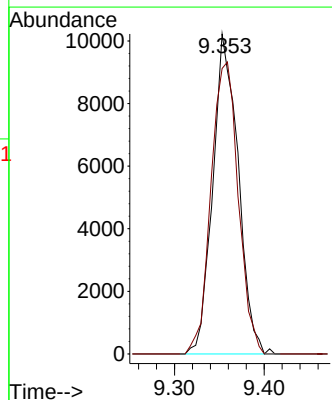
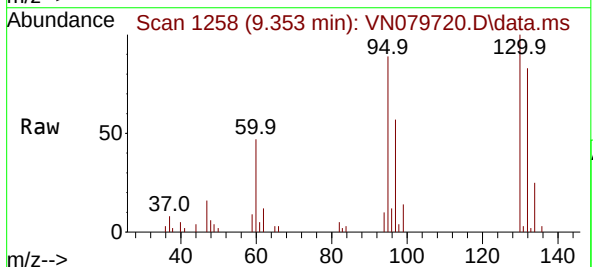
Manual Integrations
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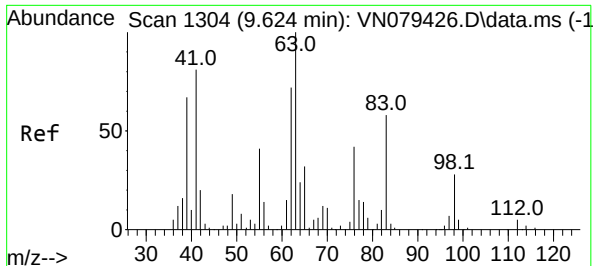
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#44
Trichloroethene
Concen: 5.300 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion:130 Resp: 20080
Ion Ratio Lower Upper
130 100
95 89.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 5.115 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 21249

Ion Ratio Lower Upper

63 100

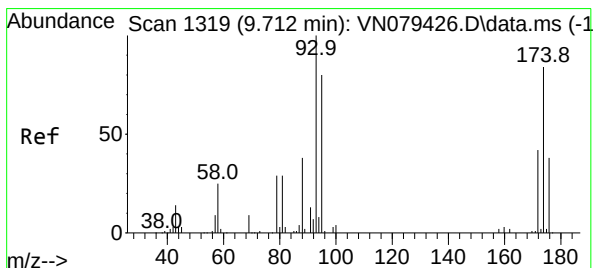
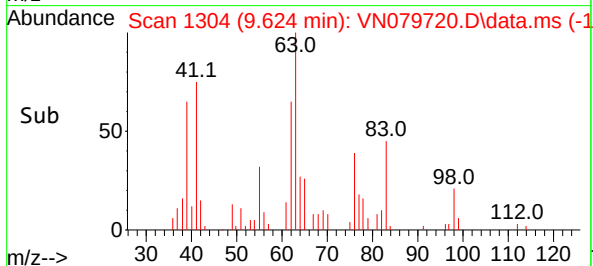
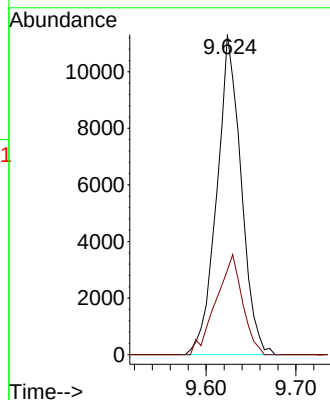
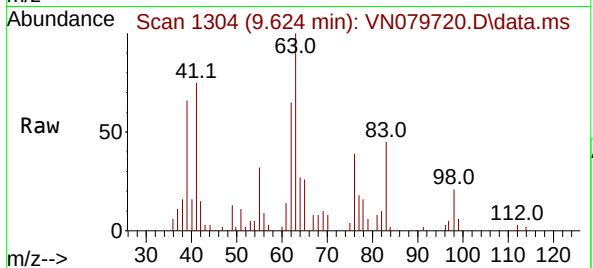
65 26.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 5.153 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

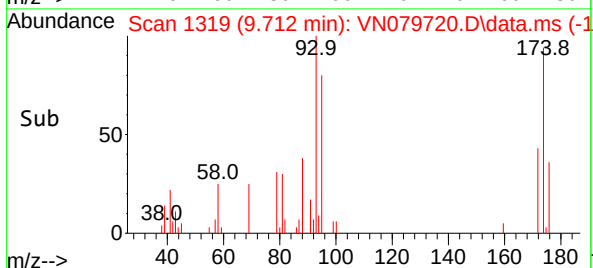
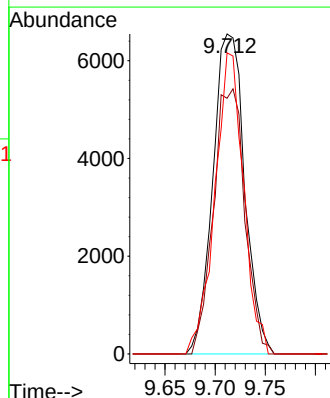
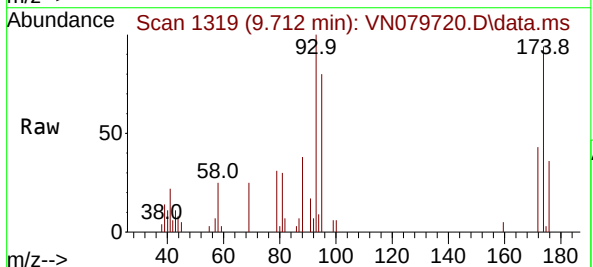
Tgt Ion: 93 Resp: 14436

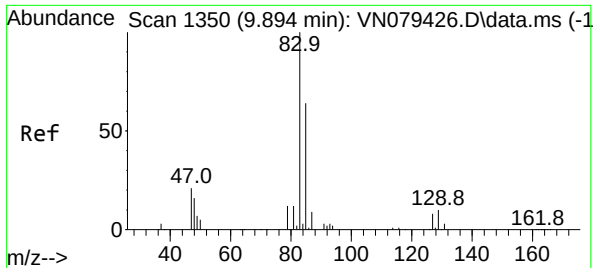
Ion Ratio Lower Upper

93 100

95 82.0 63.8 95.8

174 84.6 65.6 98.4





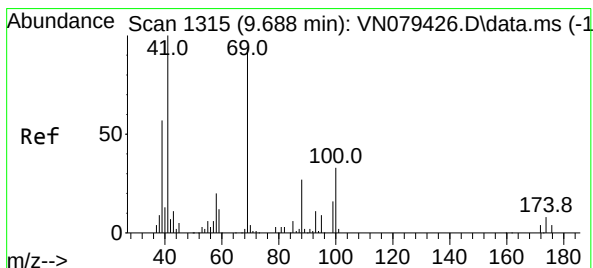
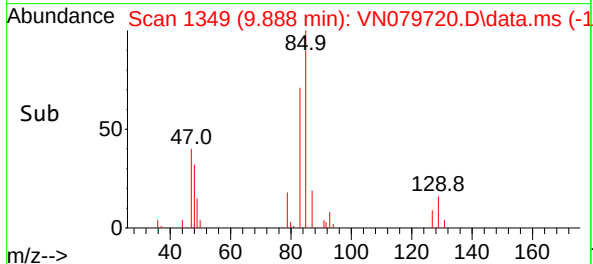
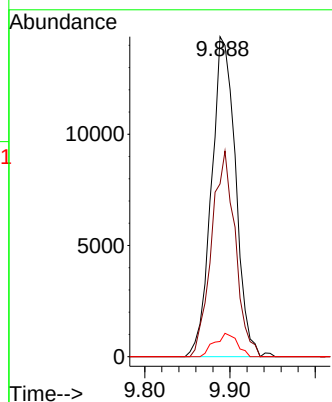
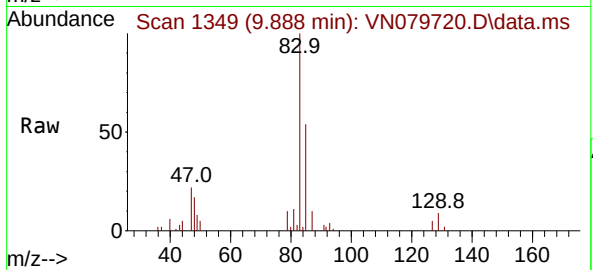
#47
Bromodichloromethane
Concen: 5.035 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 28298
Ion Ratio Lower Upper
83 100
85 54.0 49.6 74.4
127 4.7 7.0 10.6

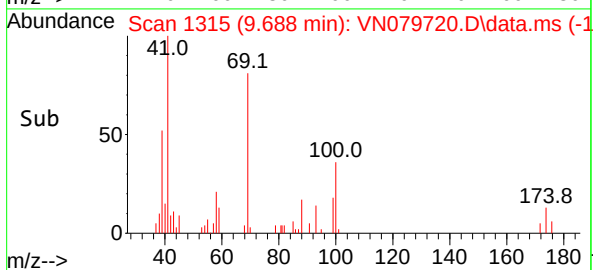
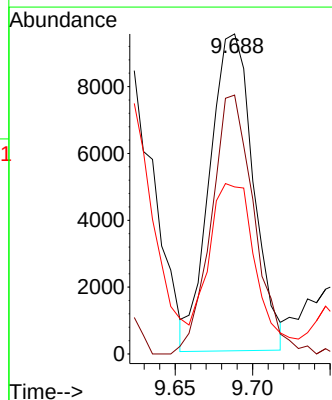
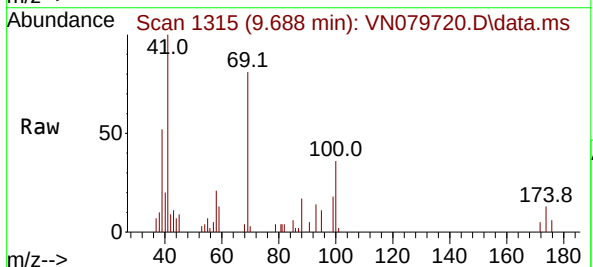
Manual Integrations
APPROVED

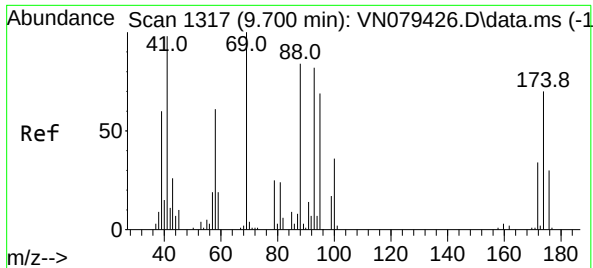
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#48
Methyl methacrylate
Concen: 4.776 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

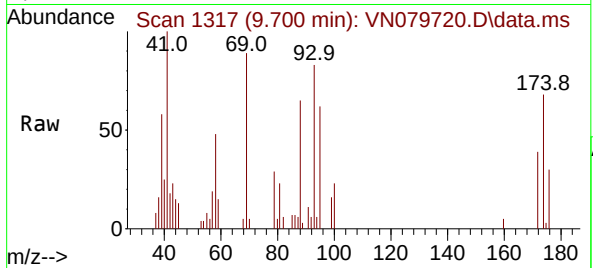
Tgt Ion: 41 Resp: 18594
Ion Ratio Lower Upper
41 100
69 80.9 90.4 135.6#
39 58.8 54.6 81.8





#49
1,4-Dioxane
Concen: 92.592 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

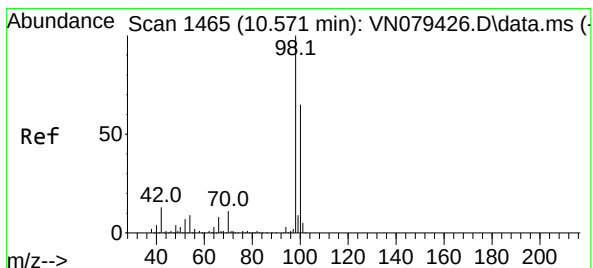
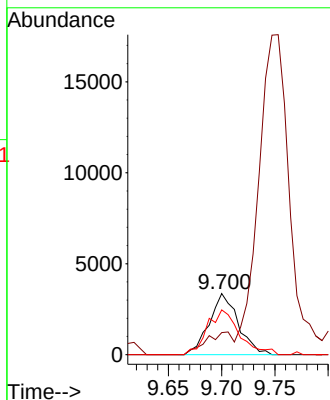
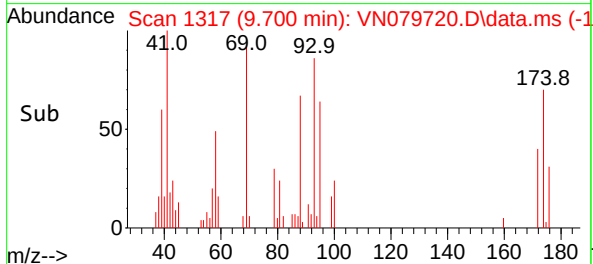
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 634
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6
58 81.2 47.0 70.4

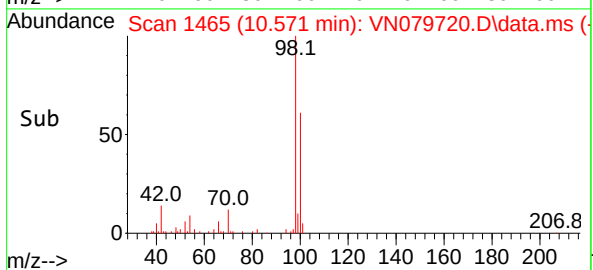
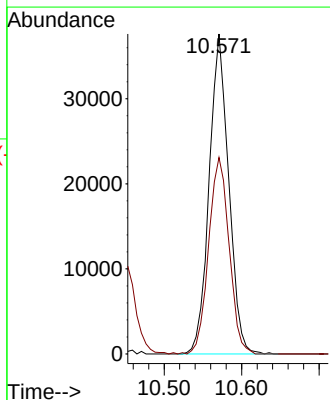
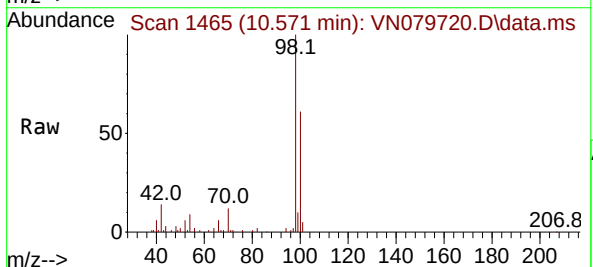
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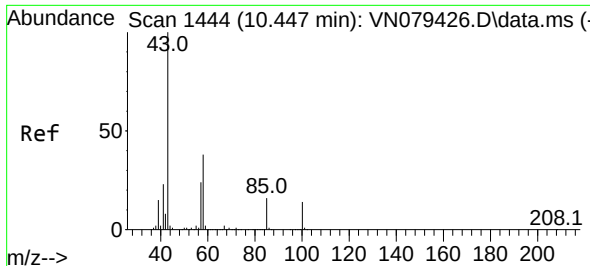
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#50
Toluene-d8
Concen: 4.940 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

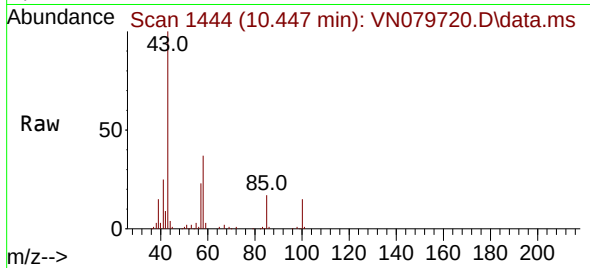
Tgt Ion: 98 Resp: 65786
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 23.904 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

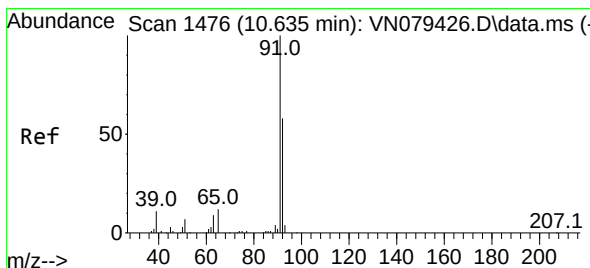
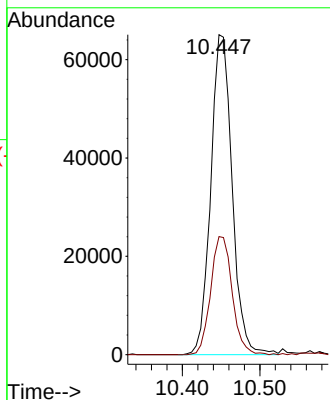
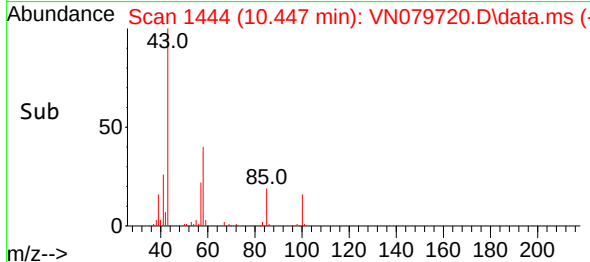
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 124890
Ion Ratio Lower Upper
43 100
58 37.1 36.6 54.8

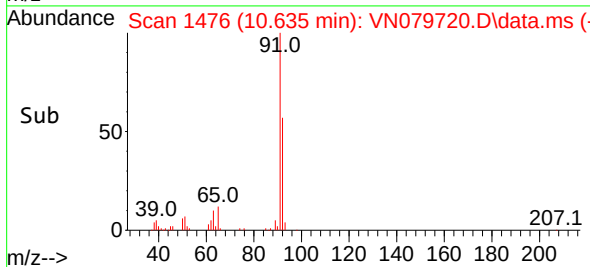
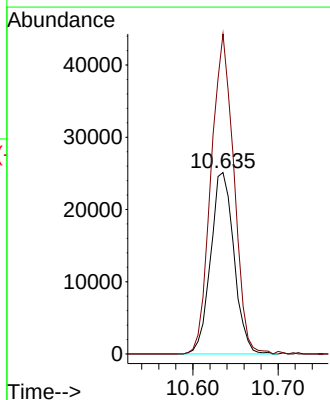
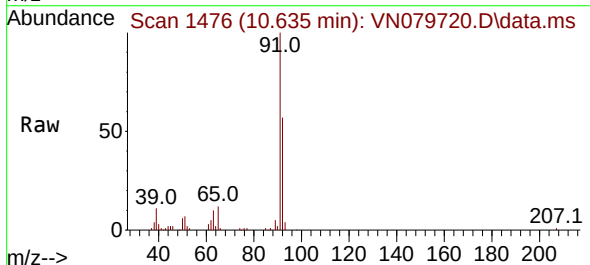
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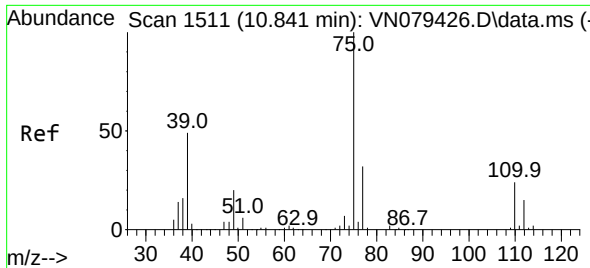
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#52
Toluene
Concen: 4.993 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 92 Resp: 47673
Ion Ratio Lower Upper
92 100
91 172.6 137.4 206.0





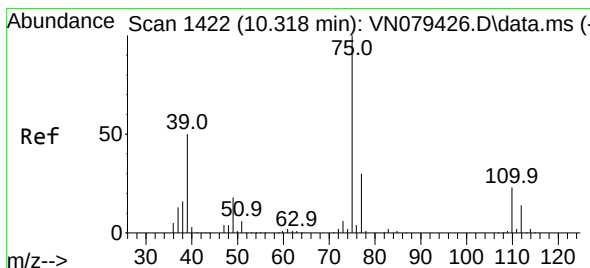
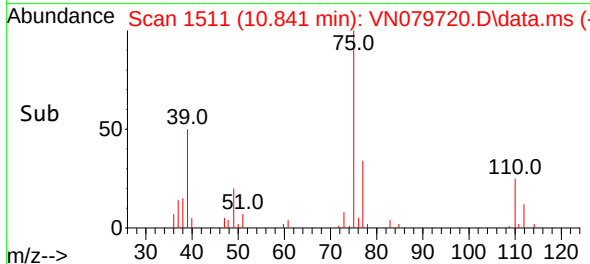
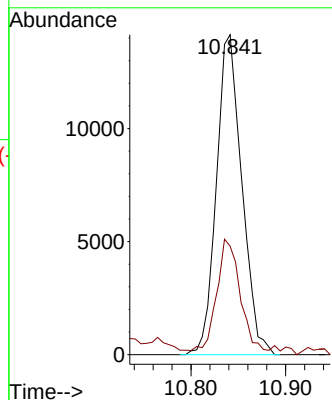
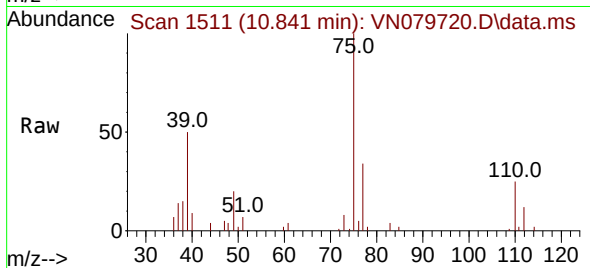
#53
 t-1,3-Dichloropropene
 Concen: 4.650 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 2639
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0

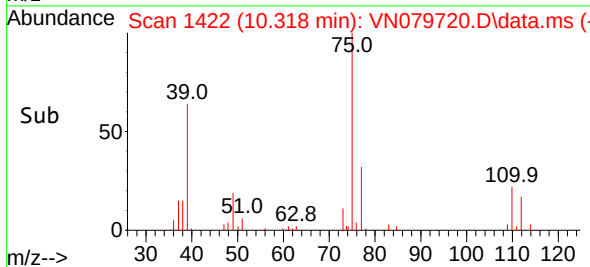
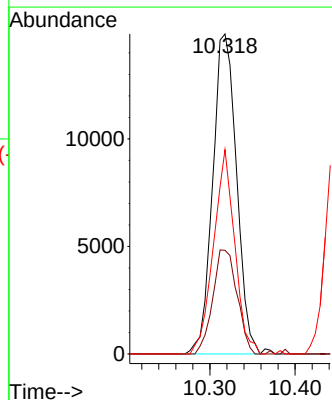
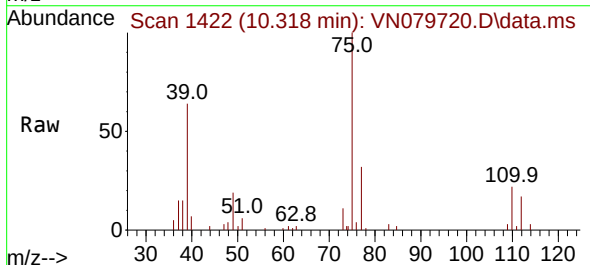
Manual Integrations
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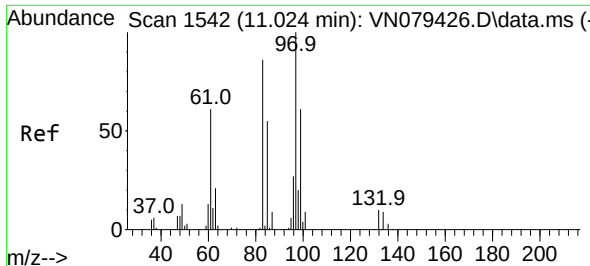
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#54
 cis-1,3-Dichloropropene
 Concen: 4.686 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

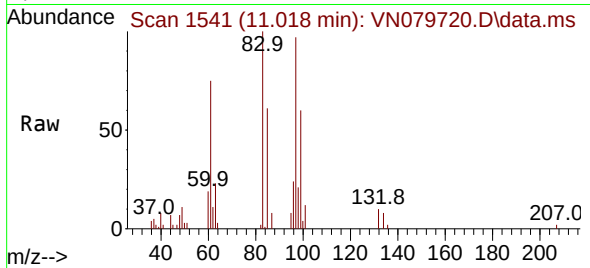
Tgt Ion: 75 Resp: 29099
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 39 63.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 5.114 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

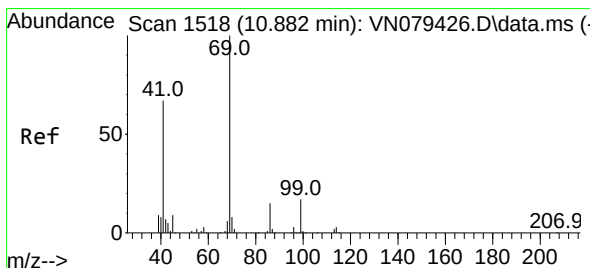
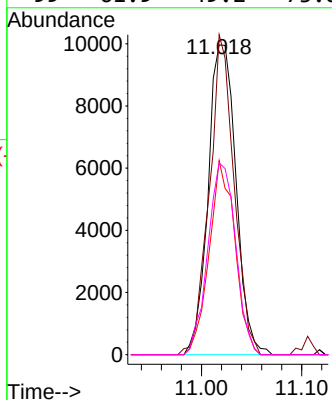
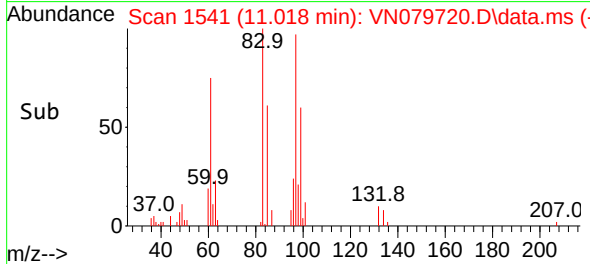
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	97	Resp:	19309
Ion	Ratio	Lower	Upper
97	100		
83	103.3	65.1	97.7
85	62.6	43.4	65.2
99	61.9	49.2	73.8

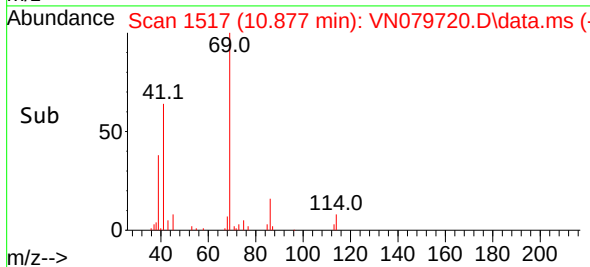
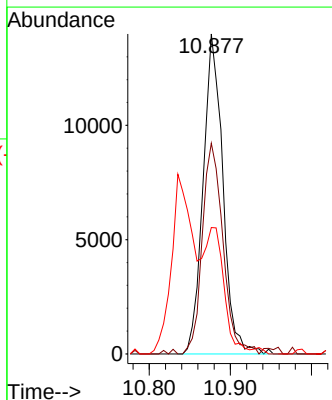
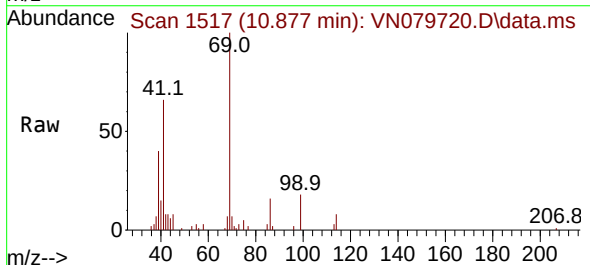
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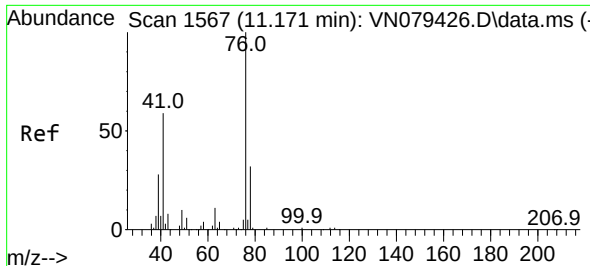
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#56
Ethyl methacrylate
Concen: 4.434 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion:	69	Resp:	23643
Ion	Ratio	Lower	Upper
69	100		
41	69.0	39.6	59.4
39	34.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 4.935 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 3261

Ion Ratio Lower Upper

76 100

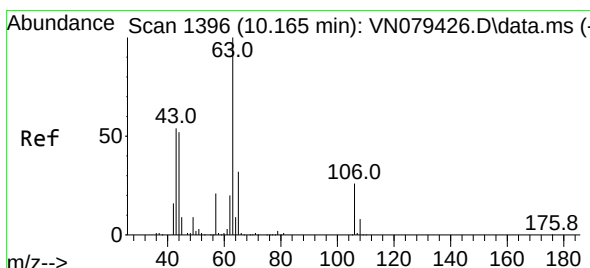
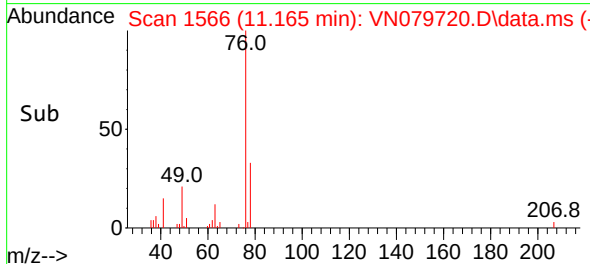
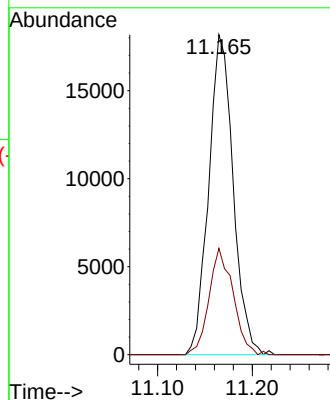
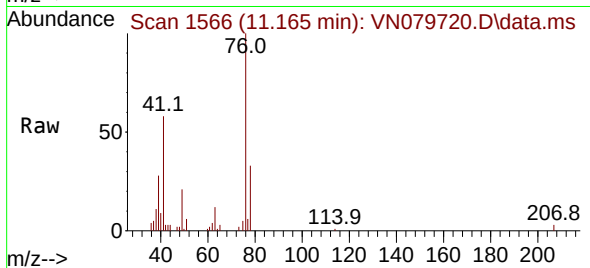
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 19.722 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079720.D

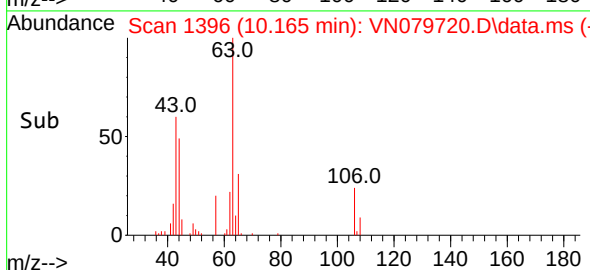
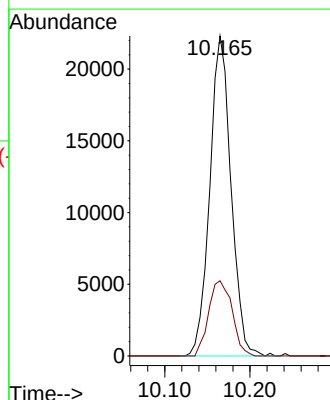
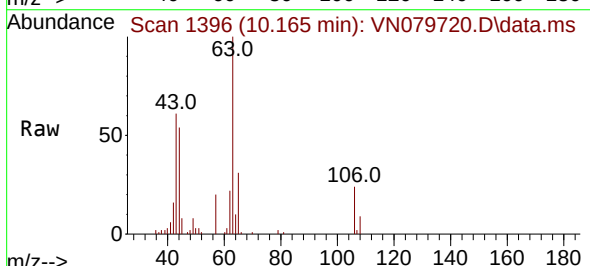
Acq: 30 Oct 2023 11:46

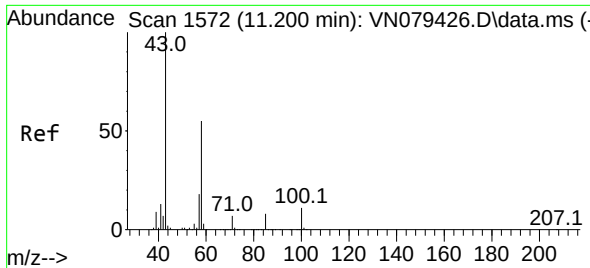
Tgt Ion: 63 Resp: 38747

Ion Ratio Lower Upper

63 100

106 25.9 26.2 39.4#





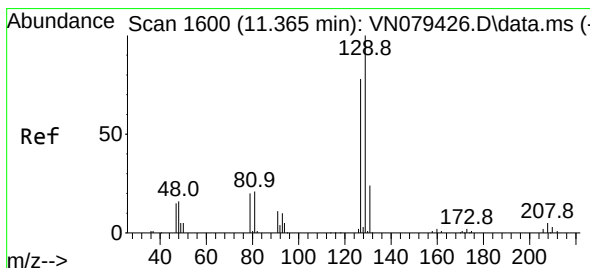
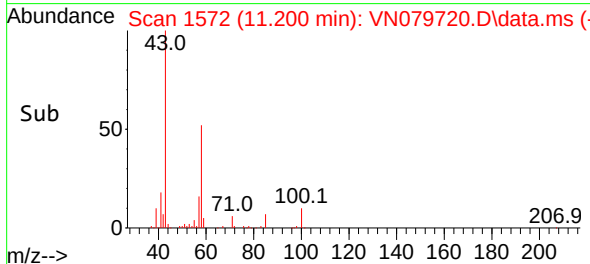
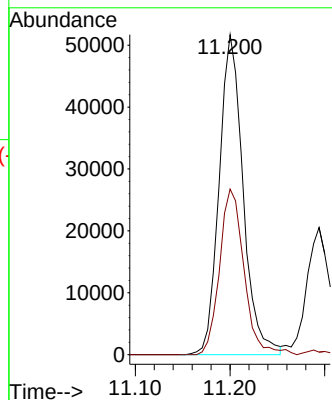
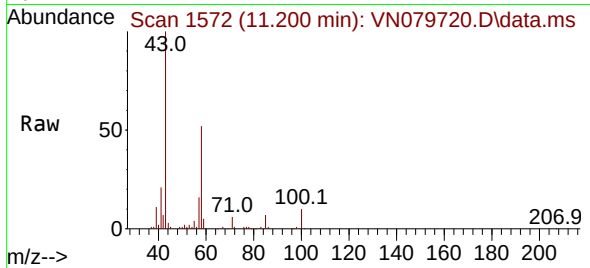
#59
2-Hexanone
Concen: 23.660 ug/l
RT: 11.200 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 90892
Ion Ratio Lower Upper
43 100
58 52.7 31.7 95.1

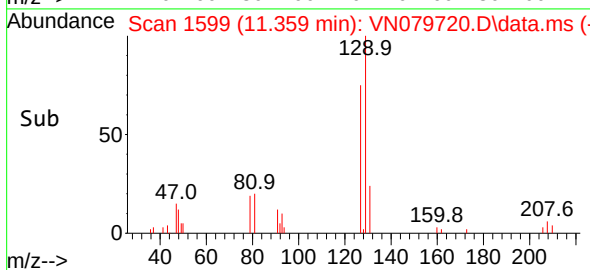
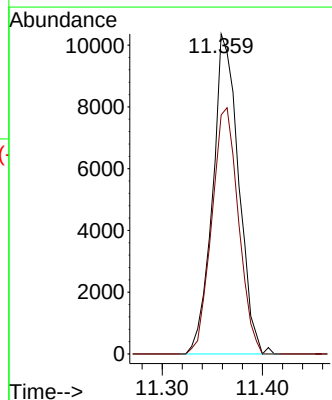
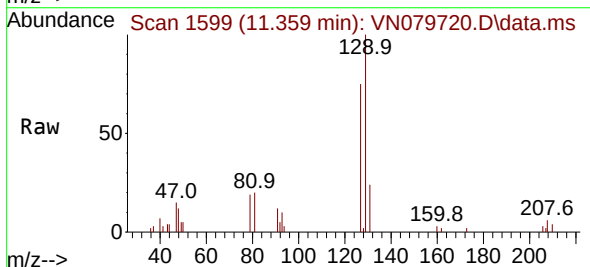
Manual Integrations
APPROVED

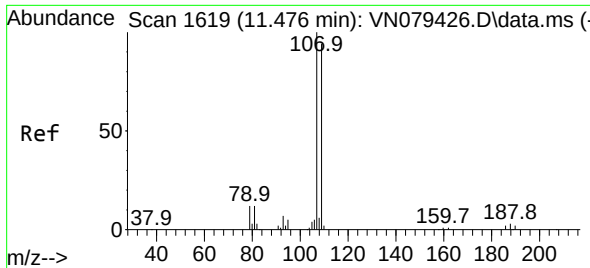
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 4.761 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion:129 Resp: 18603
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





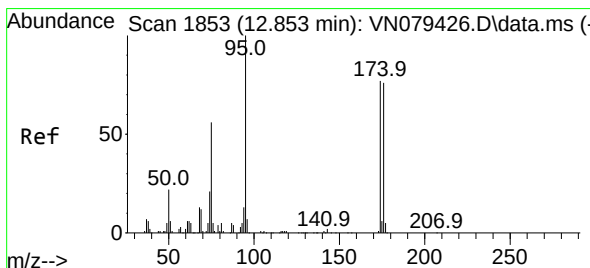
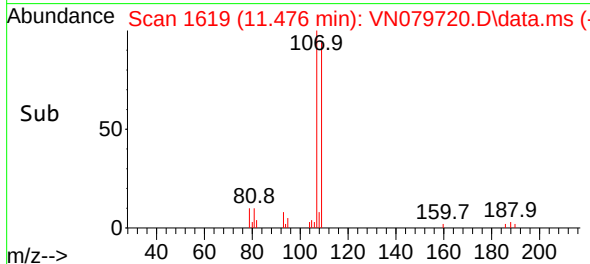
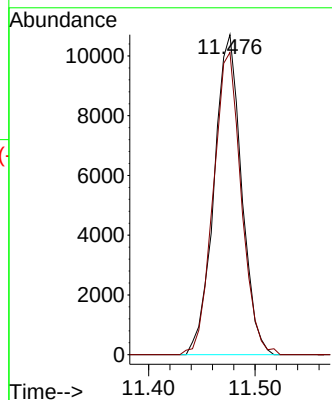
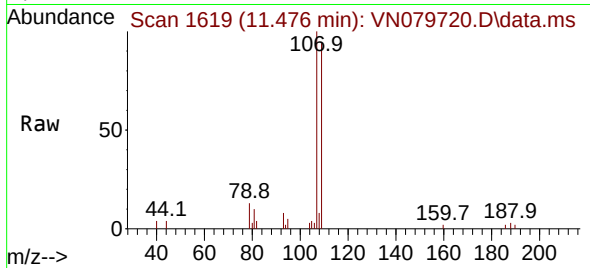
#61
1,2-Dibromoethane
Concen: 5.097 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 1917
Ion Ratio Lower Upper
107 100
109 96.1 76.6 114.8

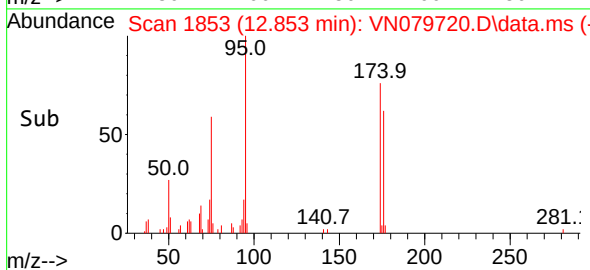
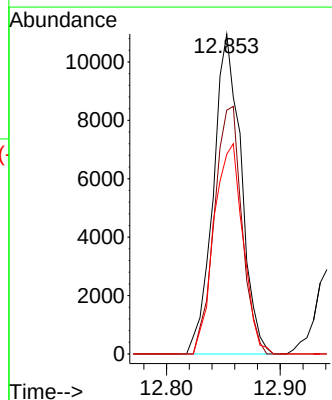
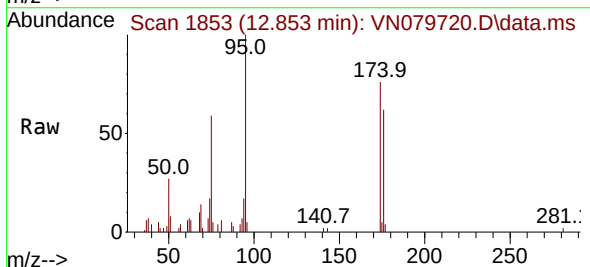
Manual Integrations
APPROVED

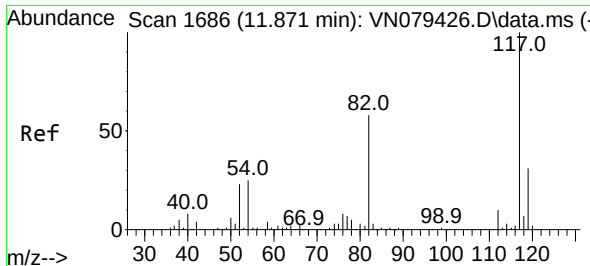
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#62
4-Bromofluorobenzene
Concen: 4.432 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

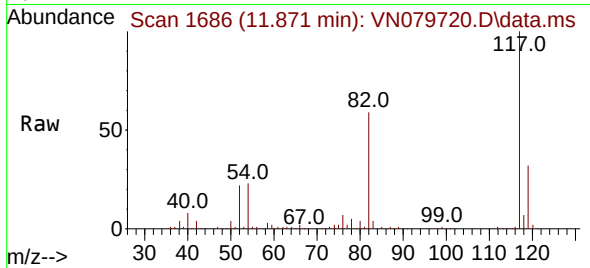
Tgt Ion: 95 Resp: 18583
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 69.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

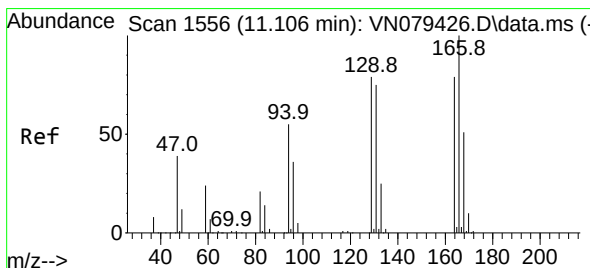
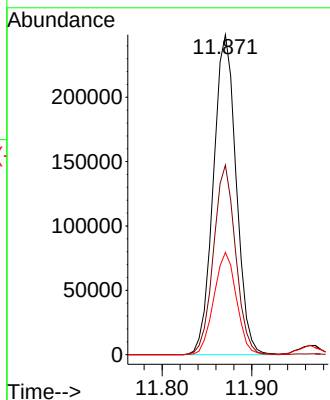
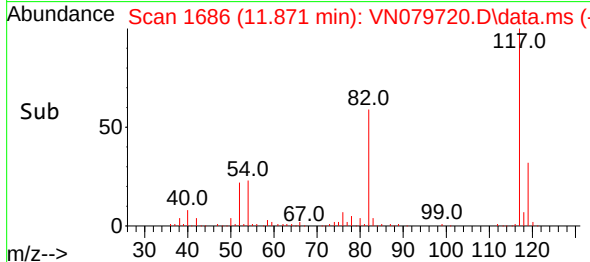
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 438892
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 32.0 25.6 38.4

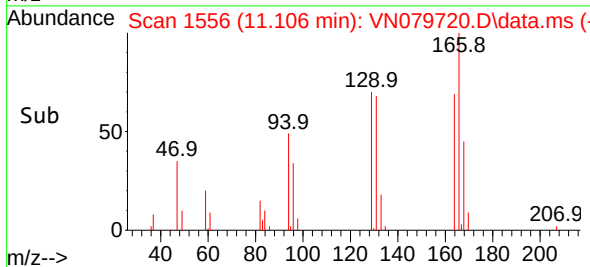
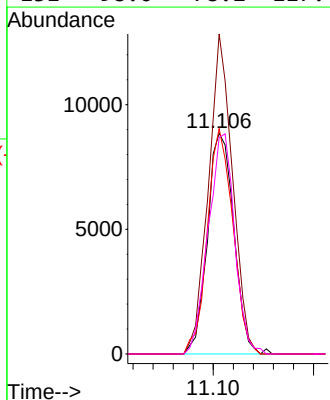
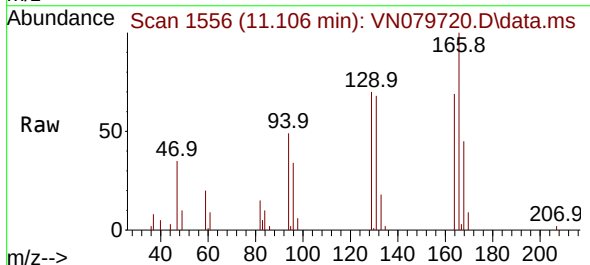
Manual Integrations
APPROVED

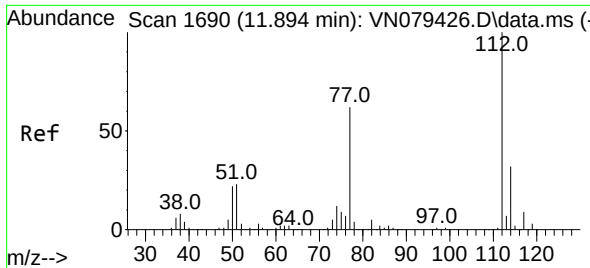
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 5.198 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion:164 Resp: 16185
Ion Ratio Lower Upper
164 100
166 144.9 101.4 152.0
129 102.0 82.4 123.6
131 98.0 78.2 117.4





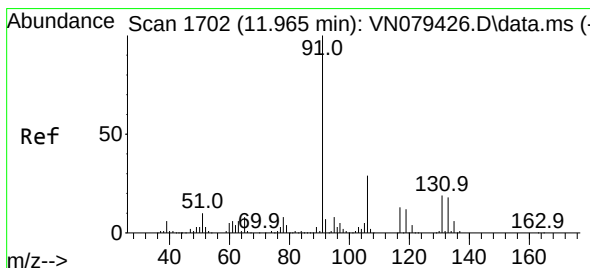
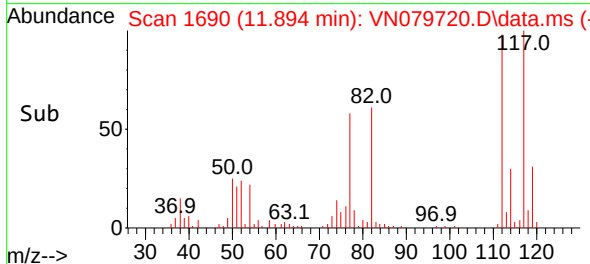
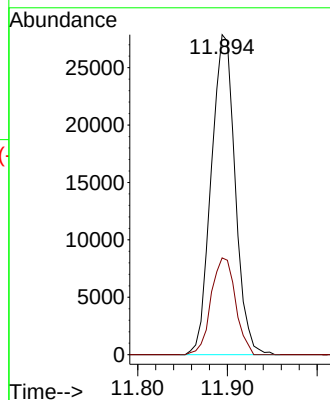
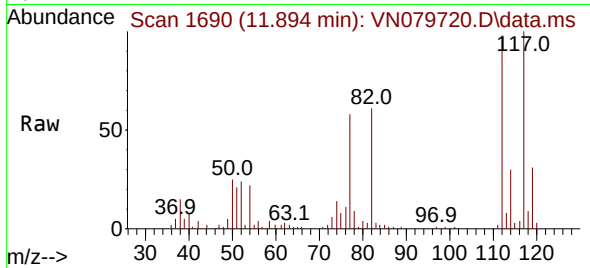
#65
Chlorobenzene
Concen: 5.312 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 5160
Ion Ratio Lower Upper
112 100
114 30.3 25.0 37.4

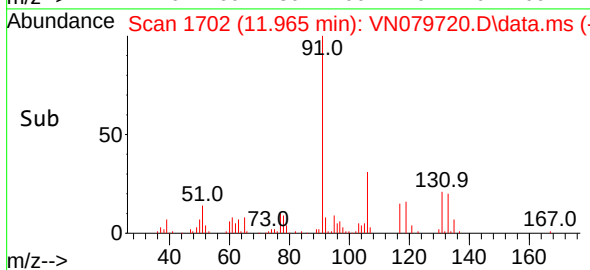
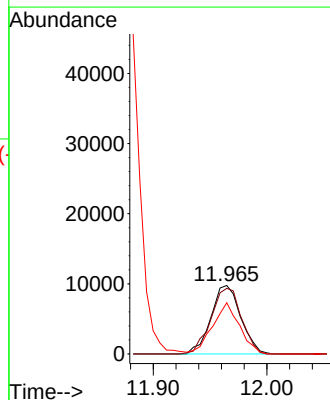
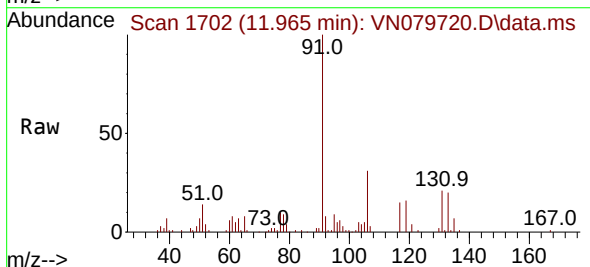
Manual Integrations
APPROVED

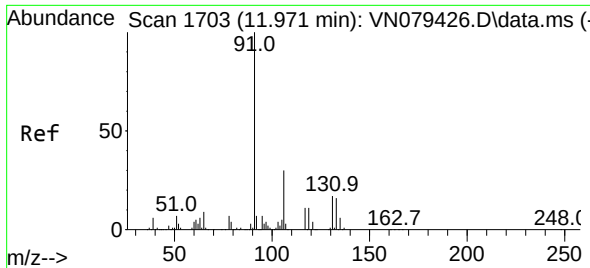
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.932 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

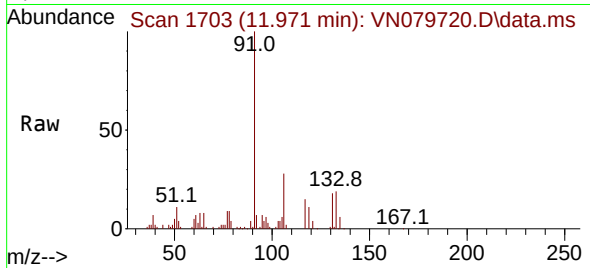
Tgt Ion:131 Resp: 17804
Ion Ratio Lower Upper
131 100
133 98.0 46.4 139.1
119 67.9 34.1 102.2





#67
Ethyl Benzene
Concen: 4.826 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

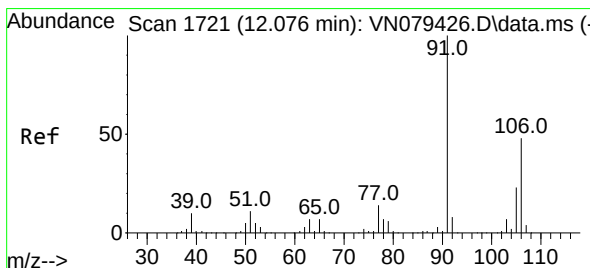
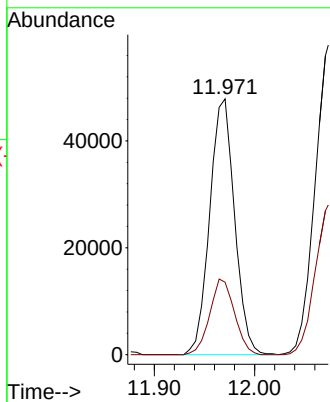
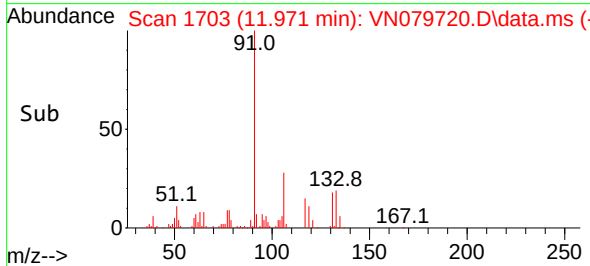
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



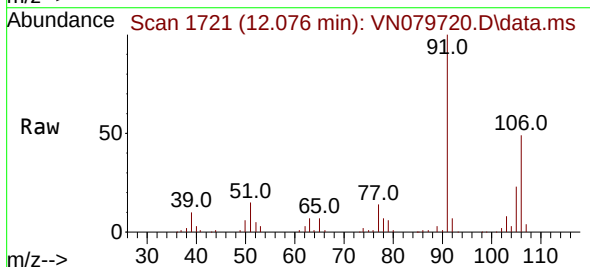
Tgt Ion: 91 Resp: 82598
Ion Ratio Lower Upper
91 100
106 28.4 25.6 38.4

Manual Integrations
APPROVED

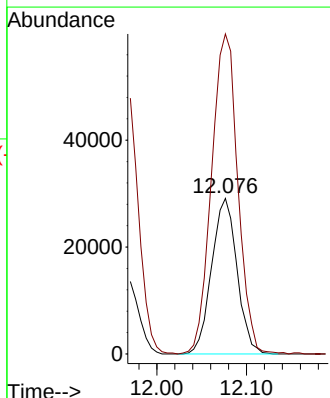
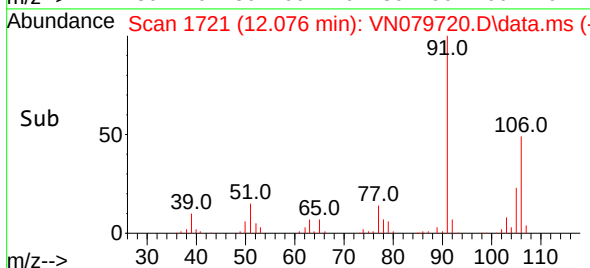
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

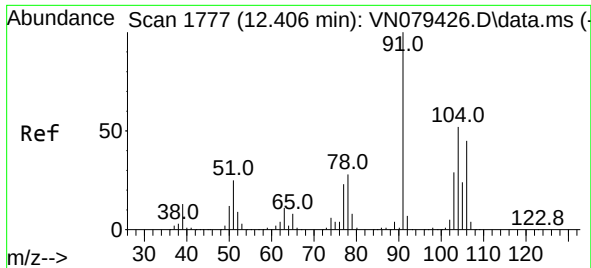


#68
m/p-Xylenes
Concen: 9.019 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46



Tgt Ion:106 Resp: 57090
Ion Ratio Lower Upper
106 100
91 213.7 159.6 239.4





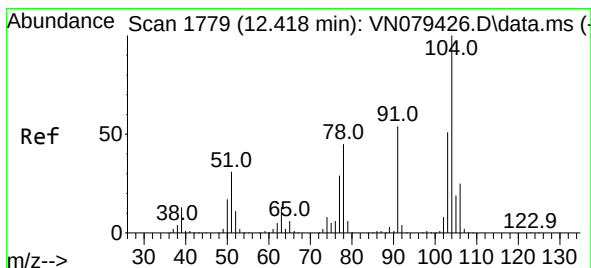
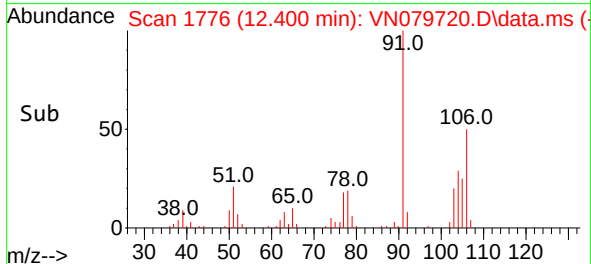
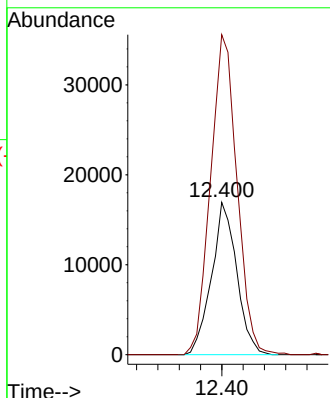
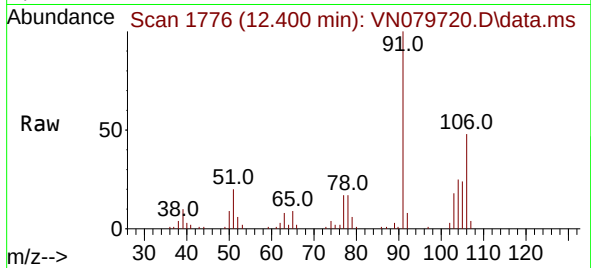
#69
o-Xylene
Concen: 4.568 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 27804
Ion Ratio Lower Upper
106 100
91 220.5 105.2 315.5

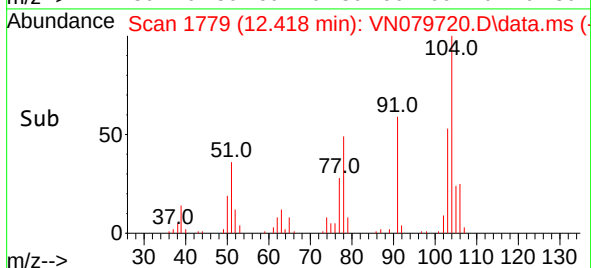
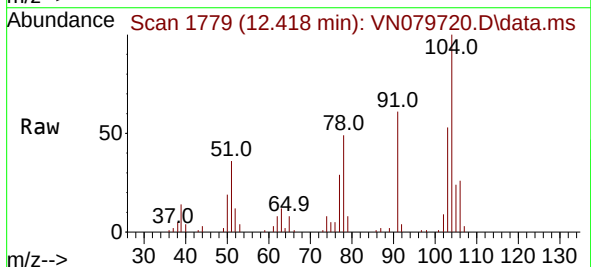
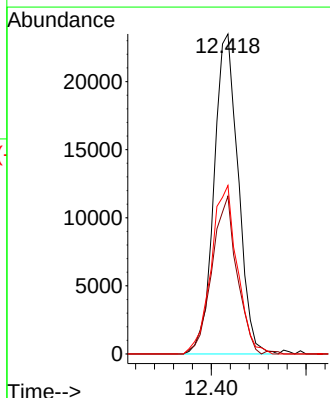
Manual Integrations
APPROVED

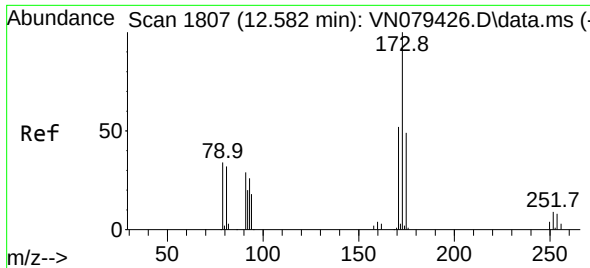
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 4.278 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

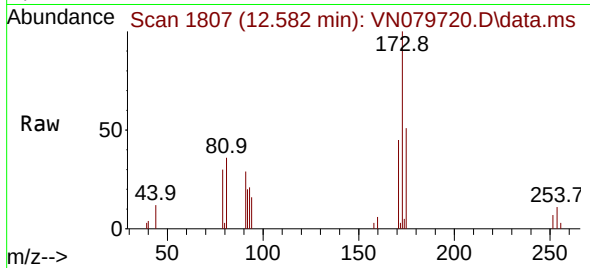
Tgt Ion:104 Resp: 41710
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 56.8 43.2 64.8





#71
Bromoform
Concen: 4.920 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

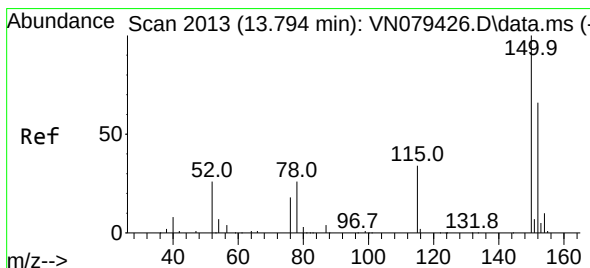
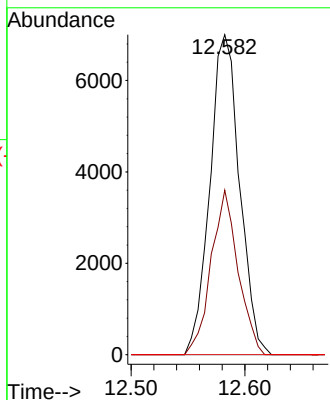
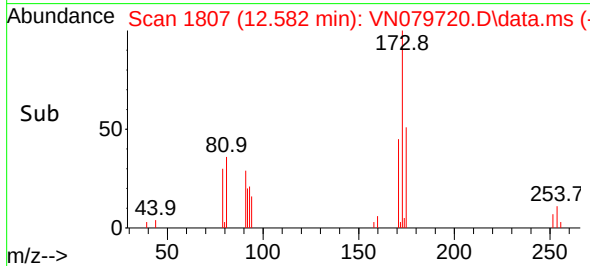
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



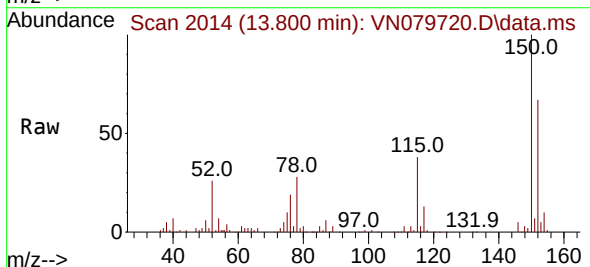
Tgt Ion:173 Resp: 12720
Ion Ratio Lower Upper
173 100
175 46.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

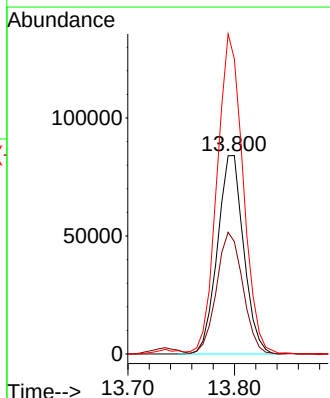
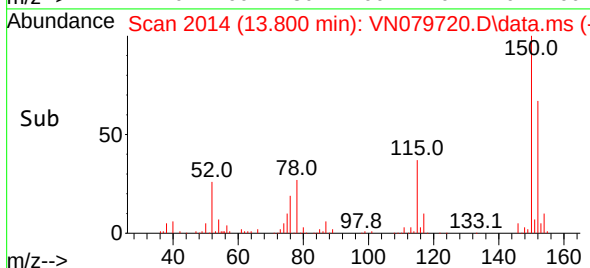
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

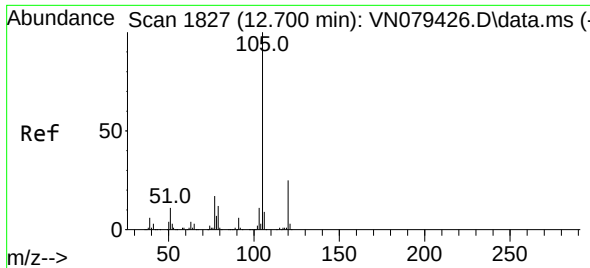


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46



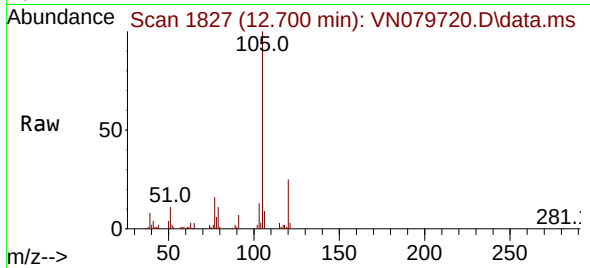
Tgt Ion:152 Resp: 143539
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 160.5 0.0 355.8





#73
Isopropylbenzene
Concen: 5.319 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

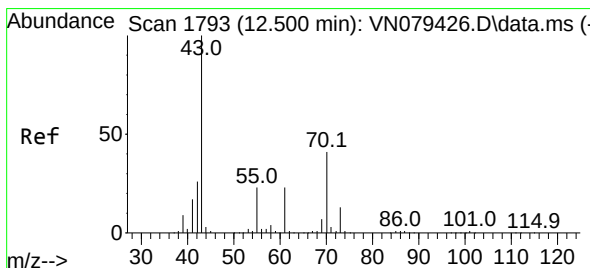
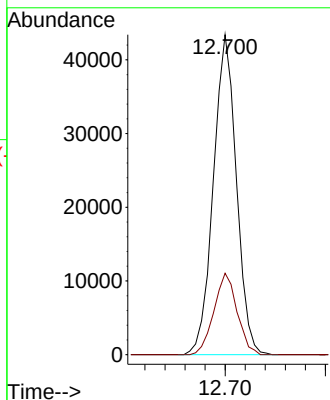
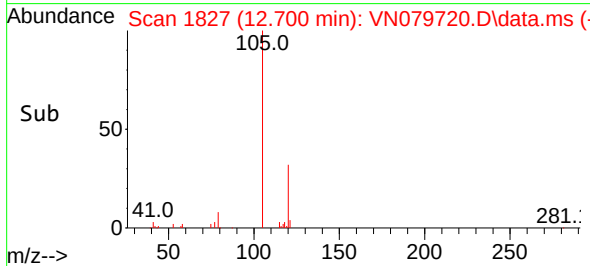
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



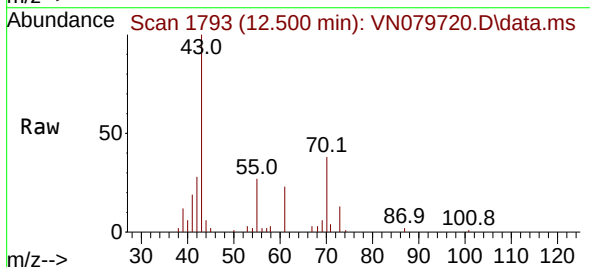
Tgt Ion:105 Resp: 69152
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

Manual Integrations
APPROVED

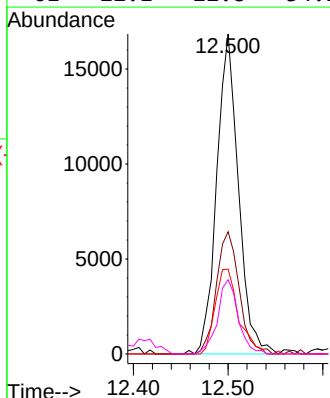
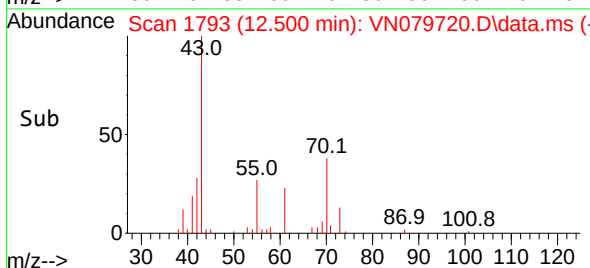
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

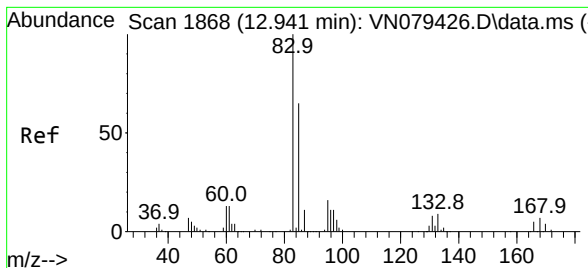


#74
N-ethyl acetate
Concen: 5.205 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46



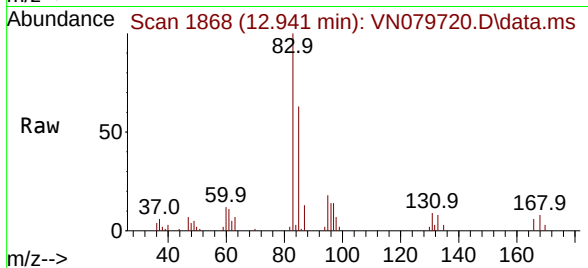
Tgt Ion: 43 Resp: 26917
Ion Ratio Lower Upper
43 100
70 40.0 43.4 65.2#
55 28.3 21.4 32.0
61 22.1 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 6.237 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

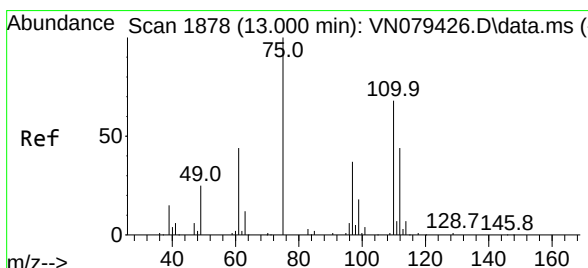
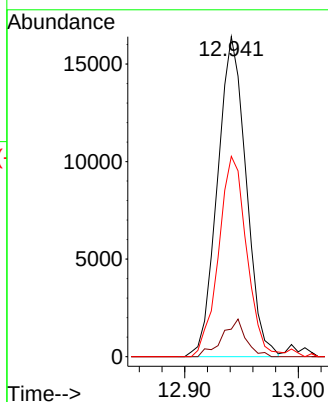
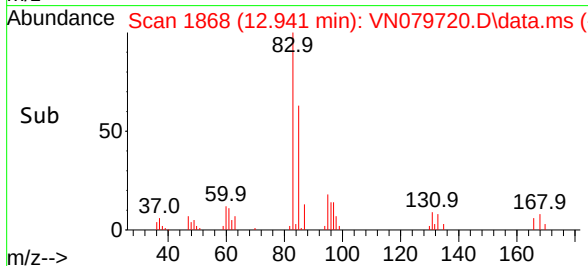
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 28709
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 61.6 31.9 95.7

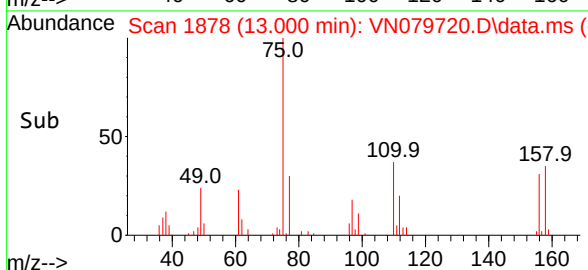
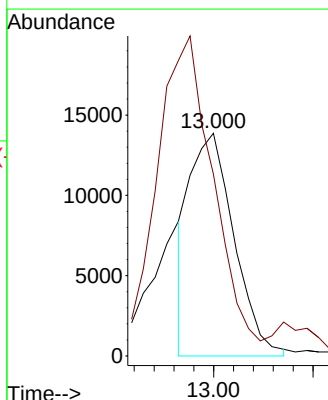
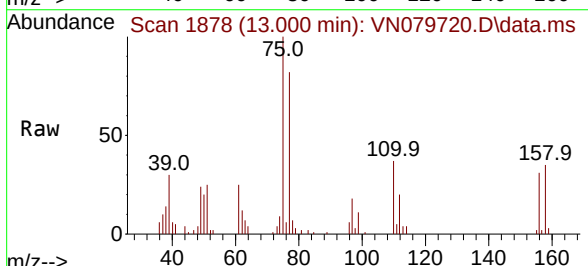
Manual Integrations
APPROVED

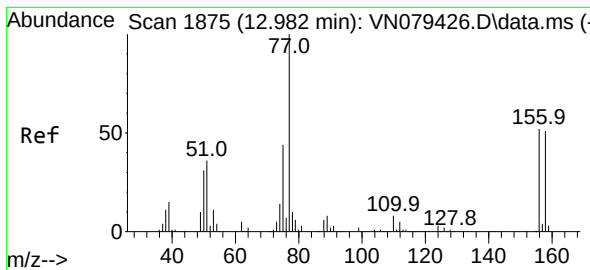
Reviewed By :John Carbone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#76
1,2,3-Trichloropropane
Concen: 5.685 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 75 Resp: 21444
Ion Ratio Lower Upper
75 100
77 185.7 84.5 253.5





#77

Bromobenzene

Concen: 5.576 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

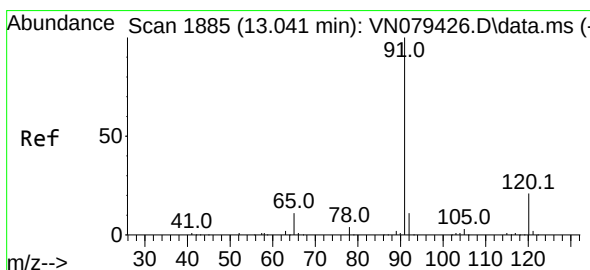
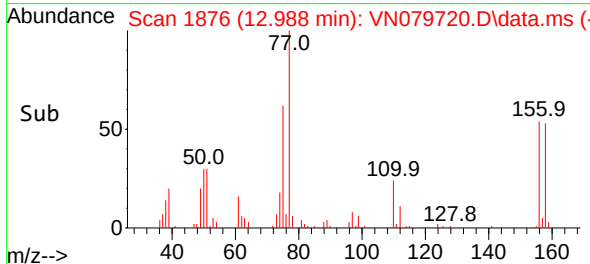
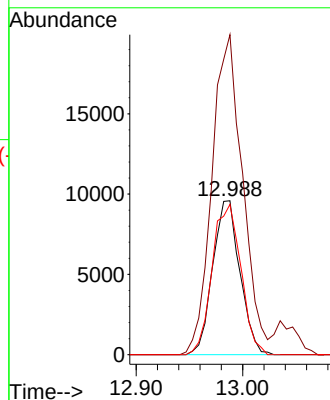
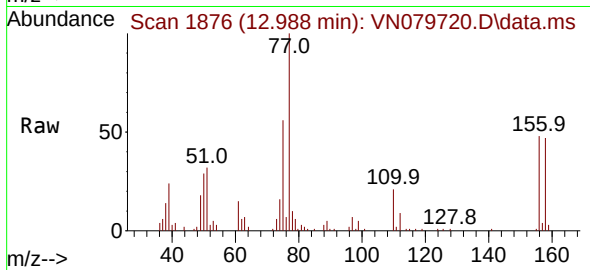
Tgt Ion:	156	Resp:	17050
Ion Ratio	Lower	Upper	
156	100		
77	233.5	107.7	323.3
158	102.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#78

n-propylbenzene

Concen: 5.125 ug/l

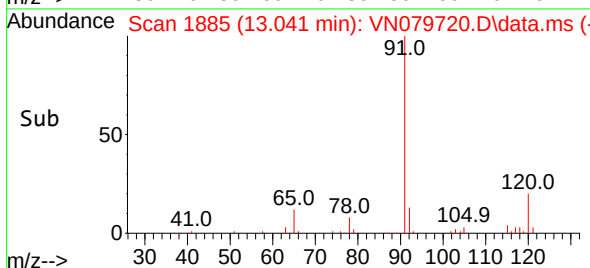
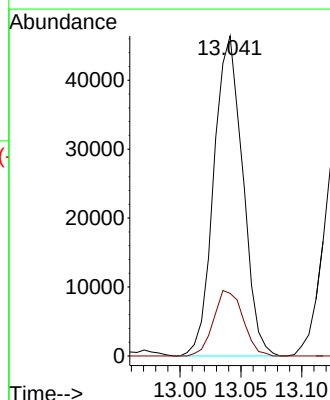
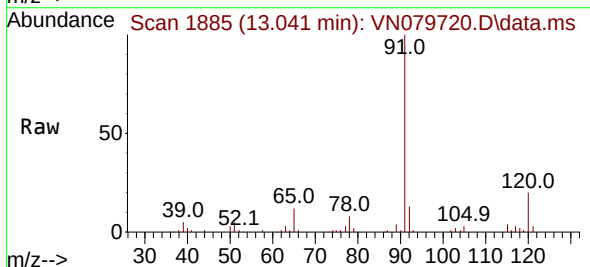
RT: 13.041 min Scan# 1885

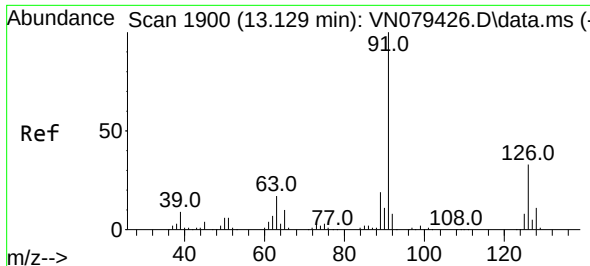
Delta R.T. 0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Tgt Ion:	91	Resp:	76750
Ion Ratio	Lower	Upper	
91	100		
120	20.8	11.5	34.4





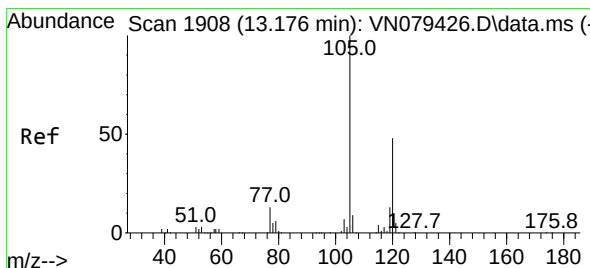
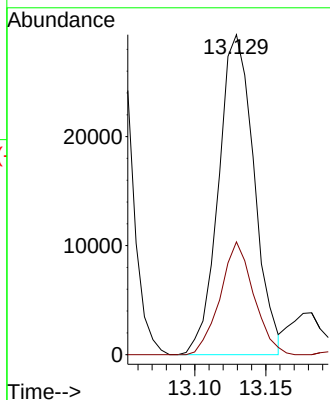
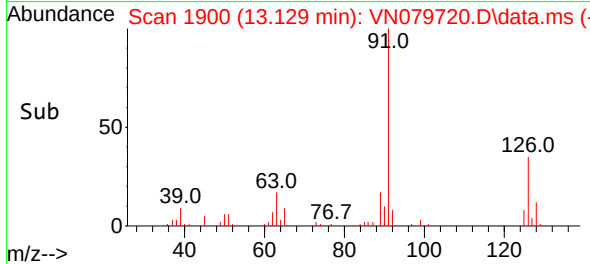
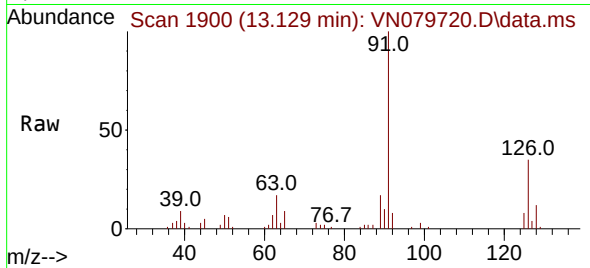
#79
2-Chlorotoluene
Concen: 5.466 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 5102
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

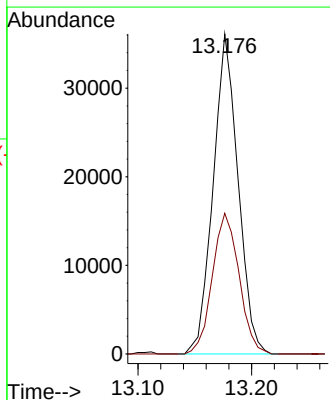
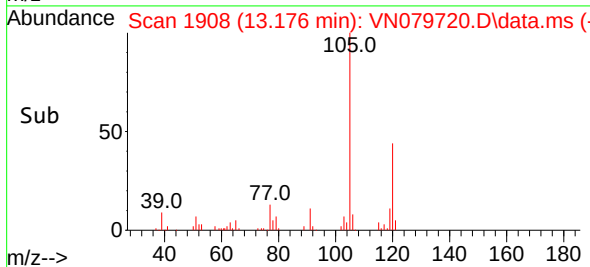
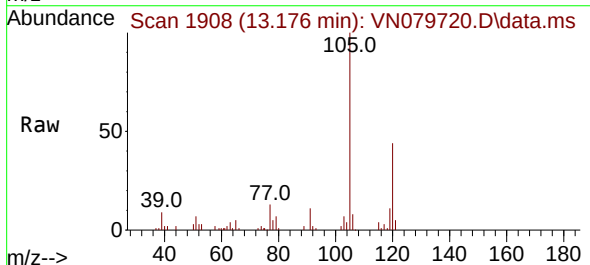
Manual Integrations
APPROVED

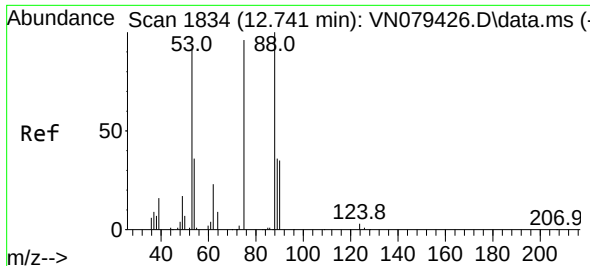
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.189 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

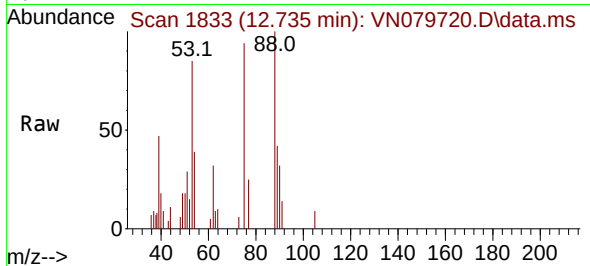
Tgt Ion:105 Resp: 54988
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 5.406 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

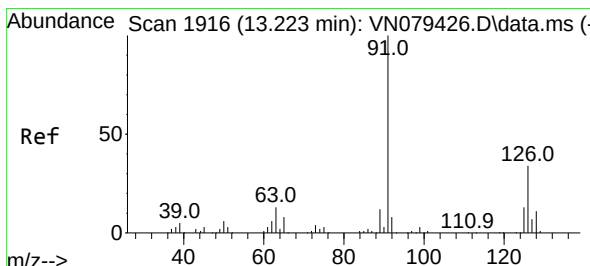
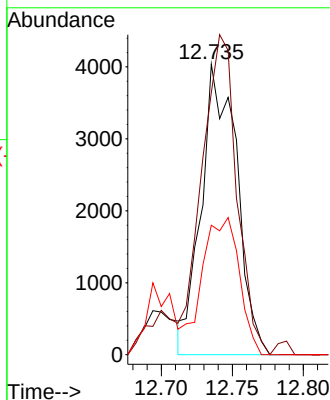
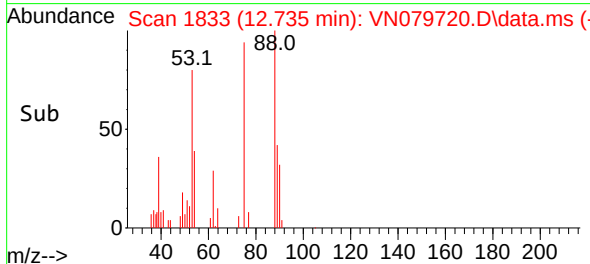
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



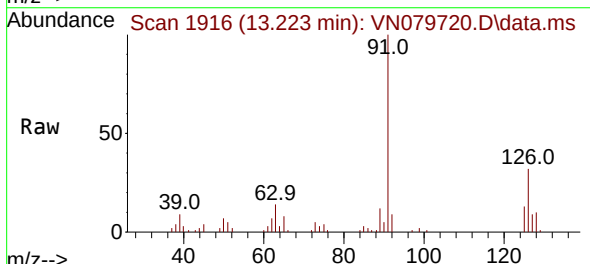
Tgt Ion: 75 Resp: 6985
Ion Ratio Lower Upper
75 100
53 109.0 67.4 101.2
89 47.7 38.8 58.2

Manual Integrations
APPROVED

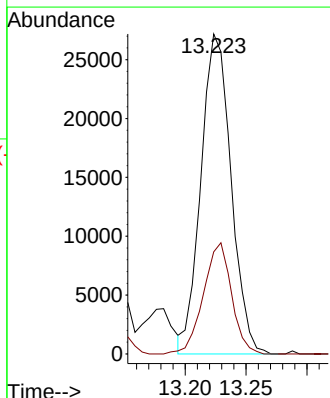
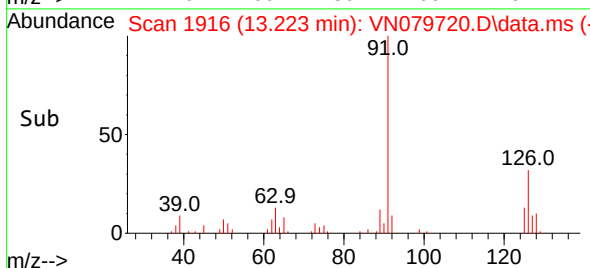
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

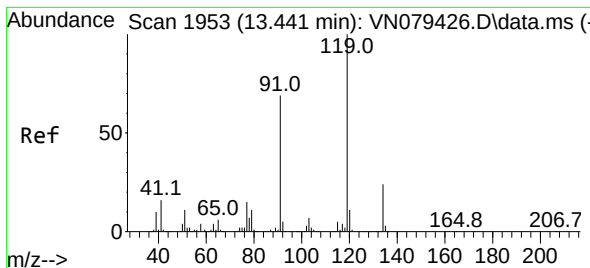


#82
4-Chlorotoluene
Concen: 5.223 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46



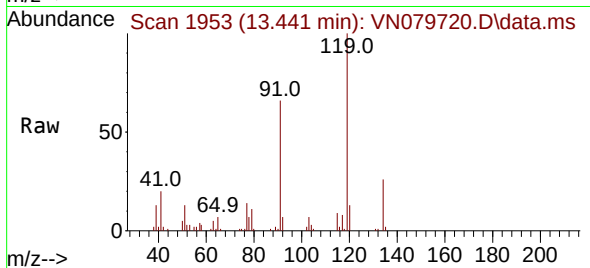
Tgt Ion: 91 Resp: 46840
Ion Ratio Lower Upper
91 100
126 32.4 16.7 50.0





#83
 tert-Butylbenzene
 Concen: 5.356 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

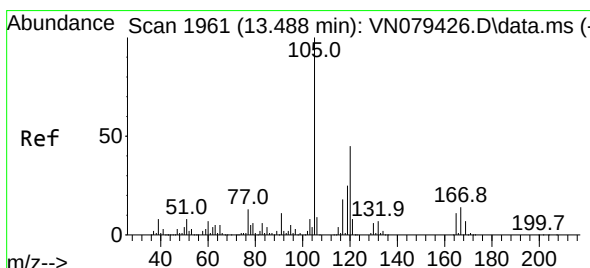
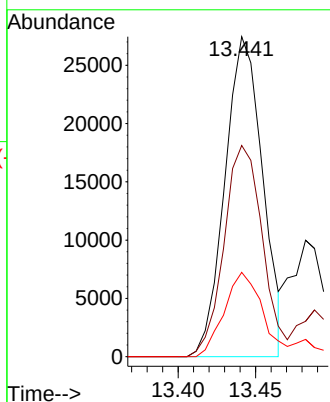
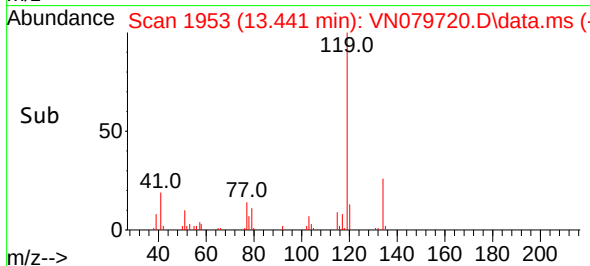
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



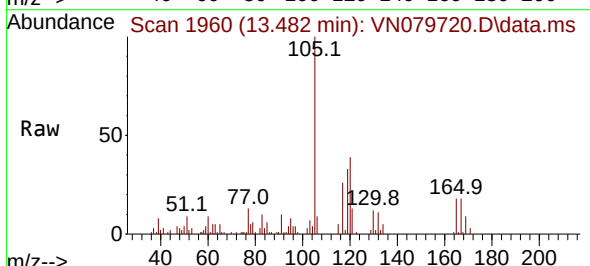
Tgt Ion:119 Resp: 46524
 Ion Ratio Lower Upper
 119 100
 91 67.2 33.9 101.7
 134 26.5 13.2 39.6

Manual Integrations
 APPROVED

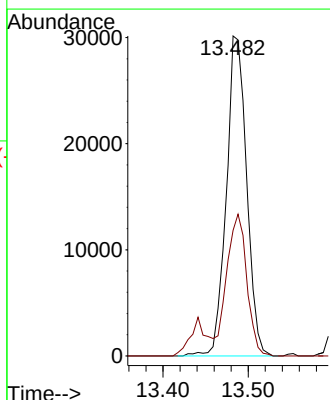
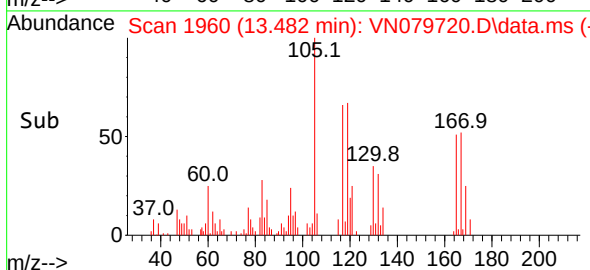
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

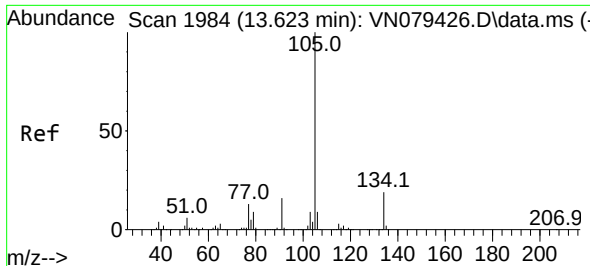


#84
 1,2,4-Trimethylbenzene
 Concen: 4.896 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46



Tgt Ion:105 Resp: 50061
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0





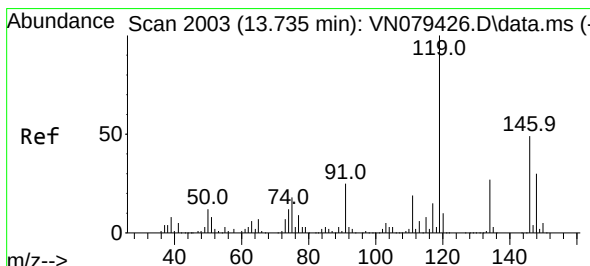
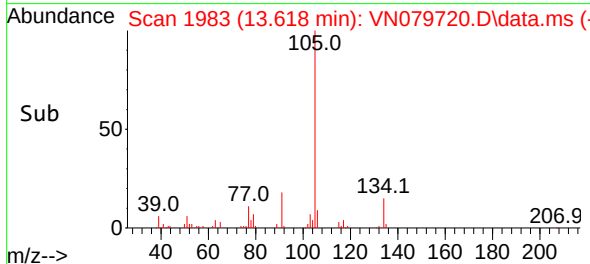
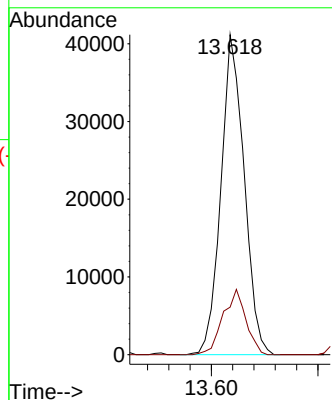
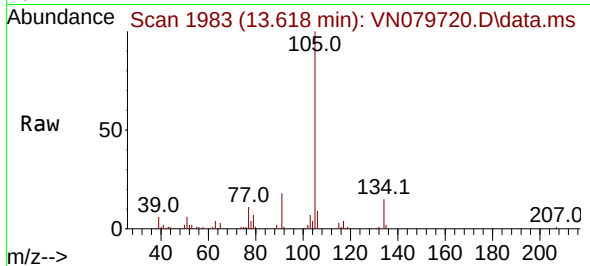
#85
 sec-Butylbenzene
 Concen: 5.141 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.005 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Tgt Ion:105 Resp: 6228
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

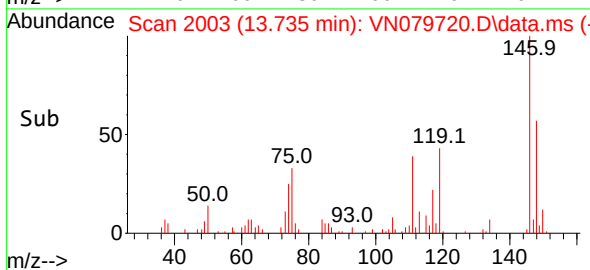
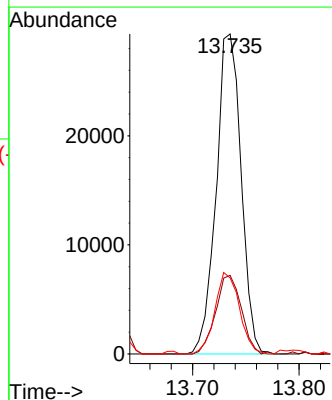
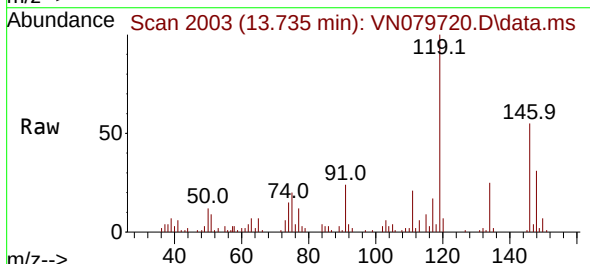
Manual Integrations
 APPROVED

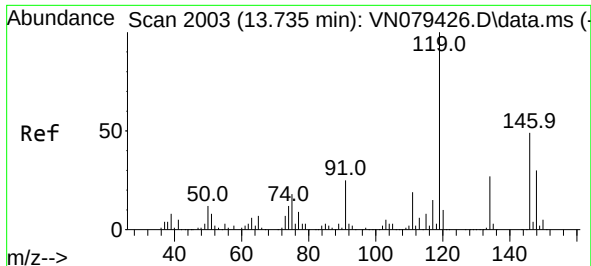
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#86
 p-Isopropyltoluene
 Concen: 4.938 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

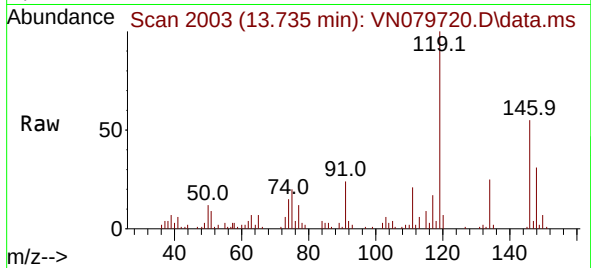
Tgt Ion:119 Resp: 47648
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 25.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 5.310 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

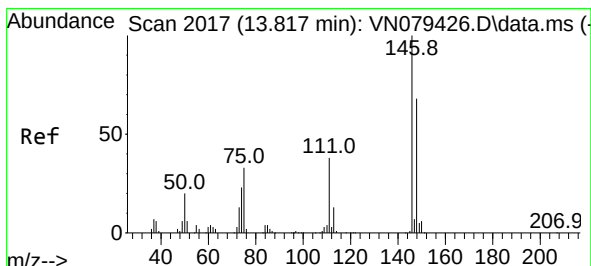
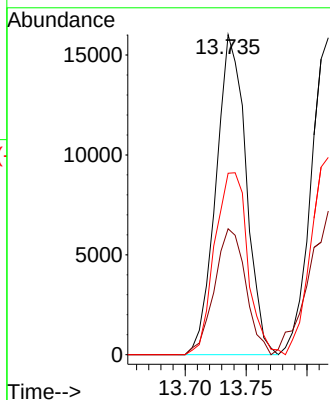
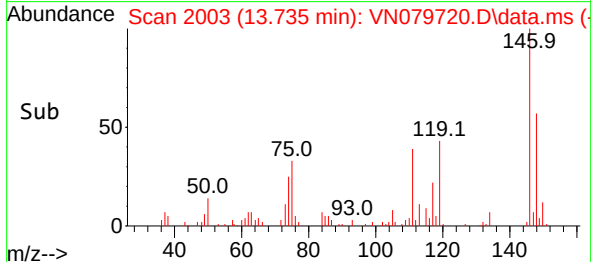
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



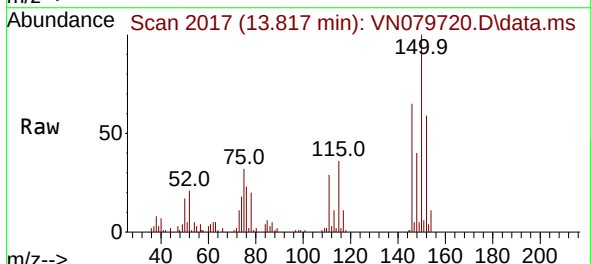
Tgt Ion:146 Resp: 2746
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.3
148 62.6 32.0 96.0

Manual Integrations
APPROVED

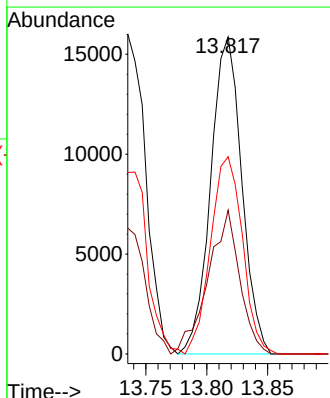
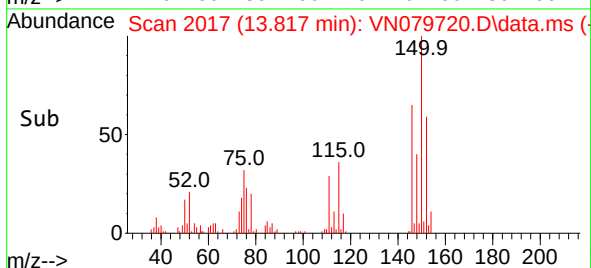
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

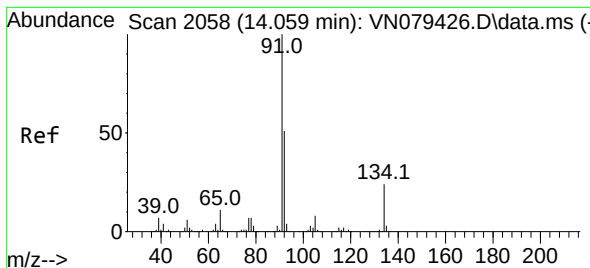


#88
1,4-Dichlorobenzene
Concen: 5.471 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46



Tgt Ion:146 Resp: 28190
Ion Ratio Lower Upper
146 100
111 46.2 20.6 61.8
148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 4.850 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

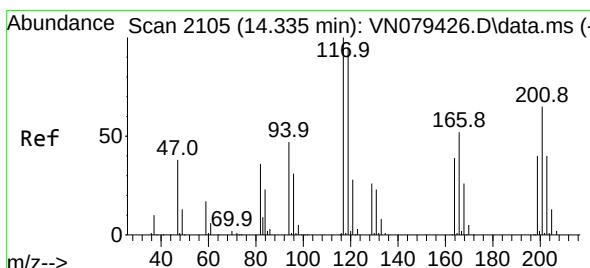
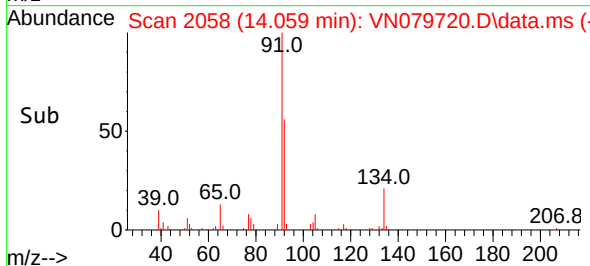
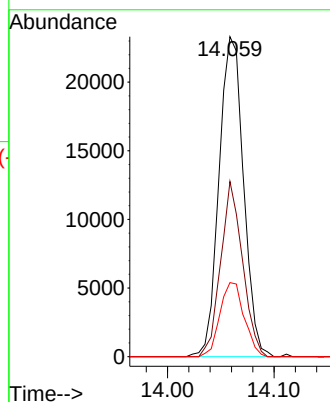
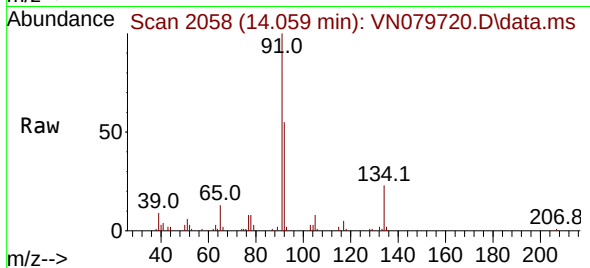
Tgt Ion:	91	Resp:	3718
Ion	Ratio	Lower	Upper
91	100		
92	48.9	26.4	79.0
134	23.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#90

Hexachloroethane

Concen: 5.700 ug/l

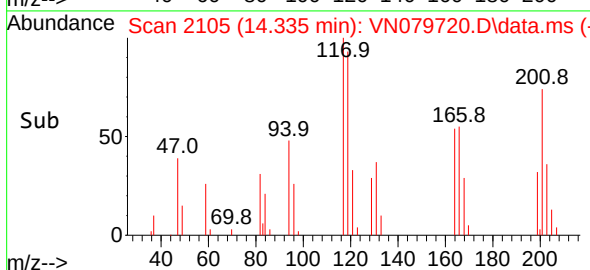
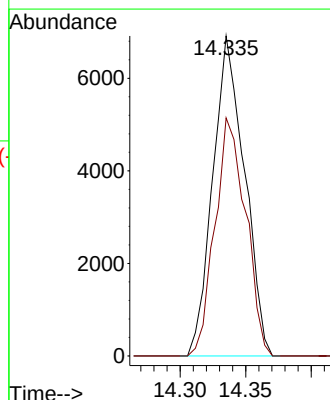
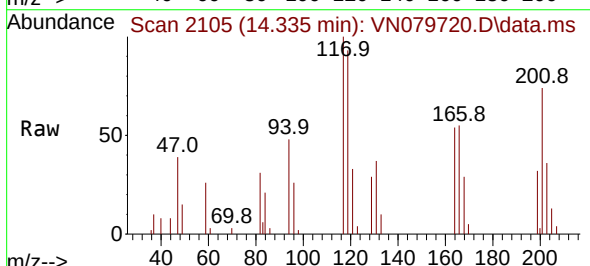
RT: 14.335 min Scan# 2105

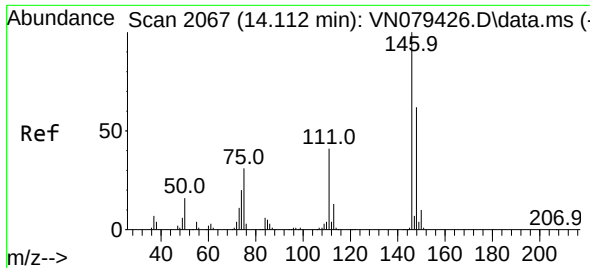
Delta R.T. 0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Tgt Ion:	117	Resp:	11622
Ion	Ratio	Lower	Upper
117	100		
201	72.1	29.3	88.0





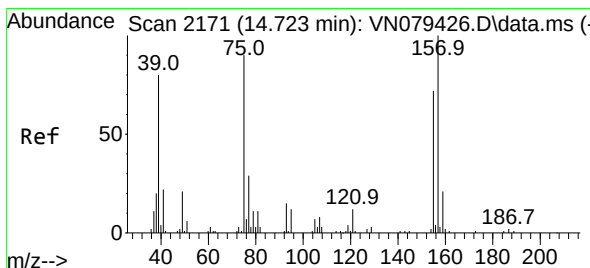
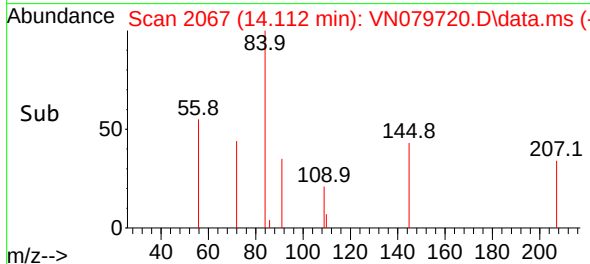
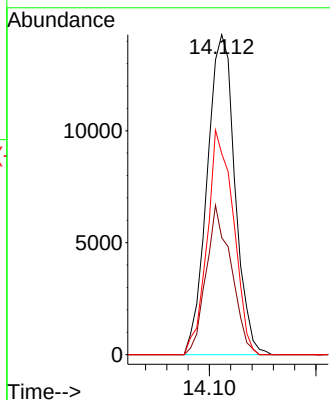
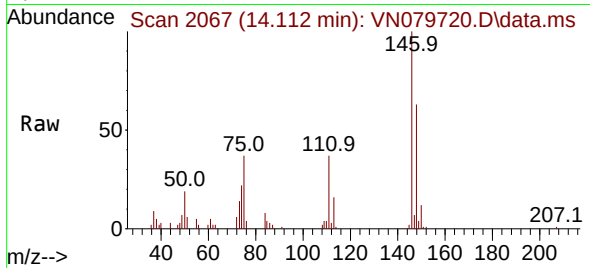
#91
1,2-Dichlorobenzene
Concen: 5.148 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 25898
Ion Ratio Lower Upper
146 100
111 42.3 22.0 66.0
148 66.2 31.8 95.3

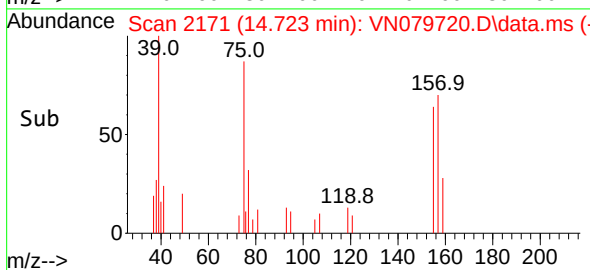
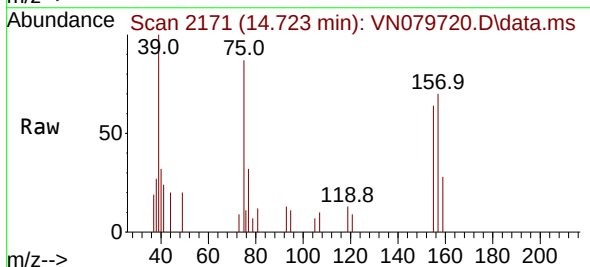
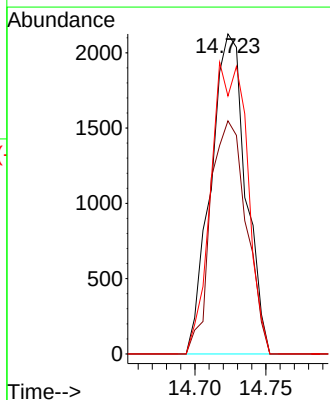
Manual Integrations
APPROVED

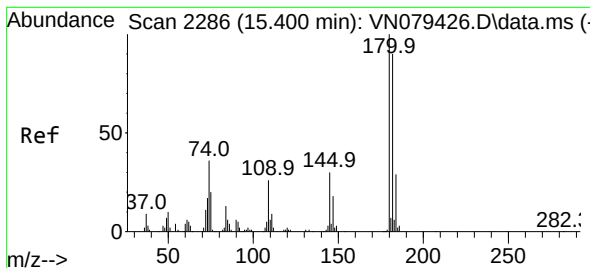
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.142 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 75 Resp: 3650
Ion Ratio Lower Upper
75 100
155 74.3 39.1 117.2
157 95.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 3.614 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

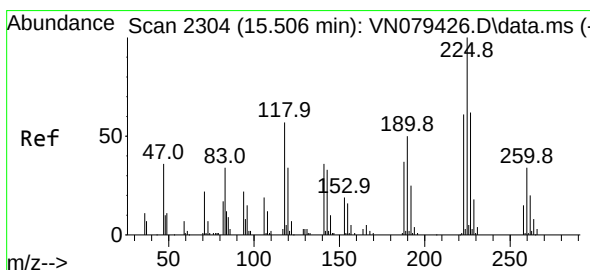
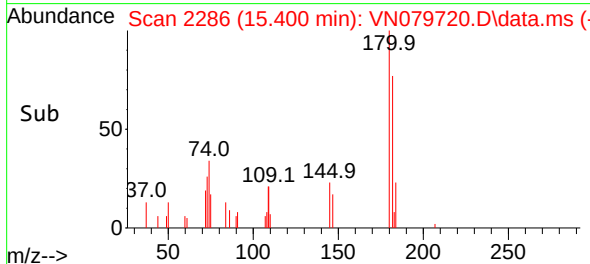
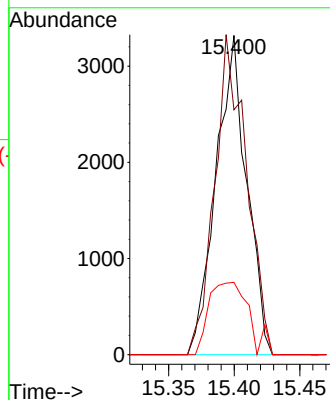
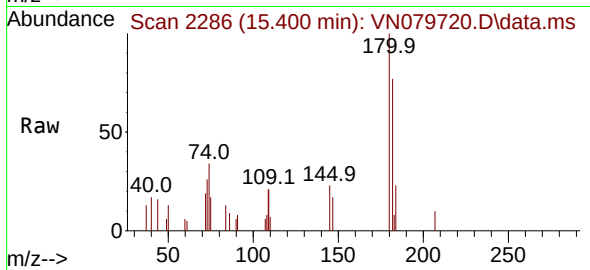
Tgt Ion:	180	Resp:	5419
Ion Ratio	Lower	Upper	
180	100		
182	103.3	46.1	138.2
145	29.4	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#94

Hexachlorobutadiene

Concen: 5.997 ug/l

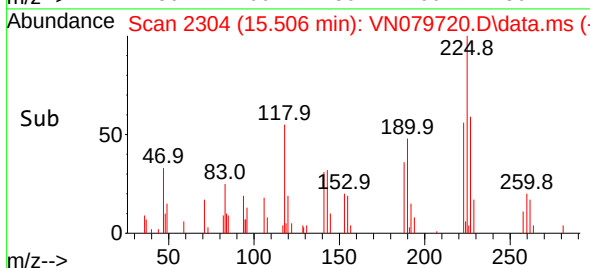
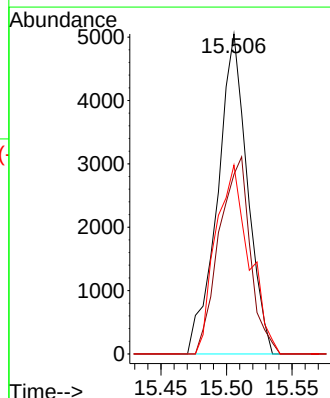
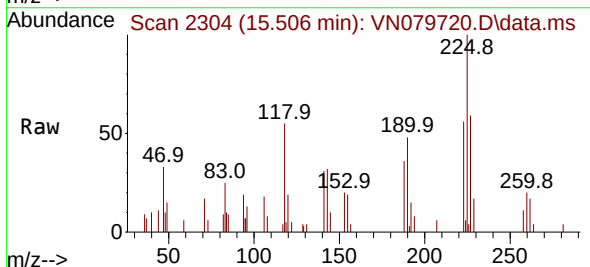
RT: 15.506 min Scan# 2304

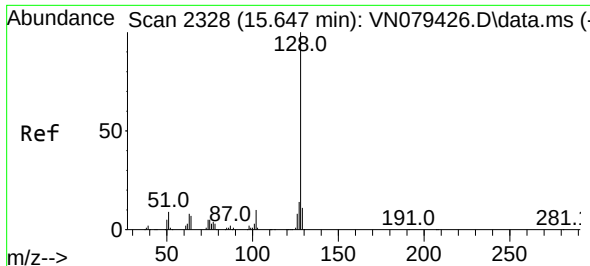
Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

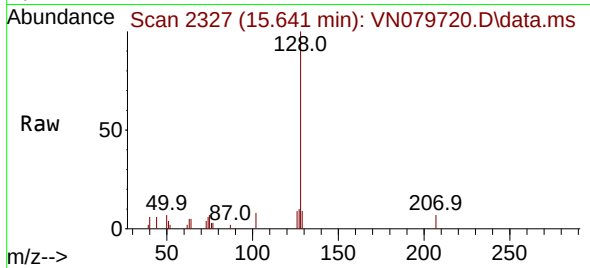
Tgt Ion:	225	Resp:	7980
Ion Ratio	Lower	Upper	
225	100		
223	64.1	31.3	93.8
227	66.4	31.9	95.9





#95
Naphthalene
Concen: 4.141 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

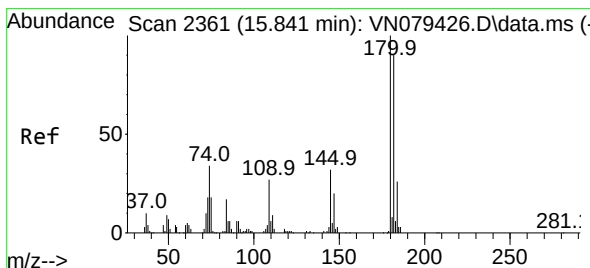
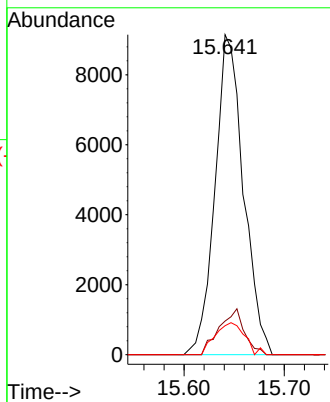
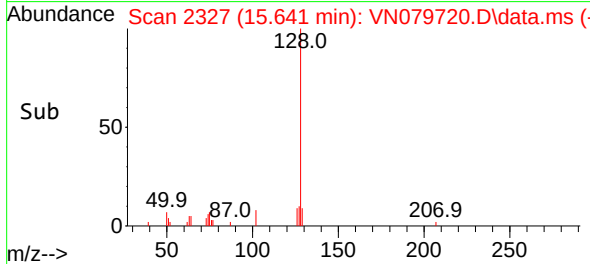
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



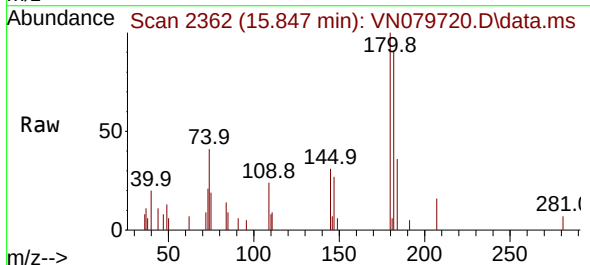
Tgt Ion:128 Resp: 1802
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.4 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.137 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46



Tgt Ion:180 Resp: 6927
Ion Ratio Lower Upper
180 100
182 94.6 46.2 138.6
145 33.5 17.5 52.6

