

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078593.D
 Acq On : 20 Jul 2023 14:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

Quant Time: Jul 21 06:12:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	821122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1472624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1344752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	543535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	587350	53.357	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.720%			
35) Dibromofluoromethane	8.171	113	524526	52.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.940%			
50) Toluene-d8	10.571	98	1923753	50.941	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.880%			
62) 4-Bromofluorobenzene	12.853	95	624052	53.649	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	165716	16.461	ug/l	93
3) Chloromethane	2.371	50	254178	23.229	ug/l	100
4) Vinyl Chloride	2.518	62	309305	21.851	ug/l	97
5) Bromomethane	2.948	94	207923	20.267	ug/l	93
6) Chloroethane	3.118	64	209933	23.499	ug/l	95
7) Trichlorofluoromethane	3.501	101	331611	19.598	ug/l	96
8) Diethyl Ether	3.971	74	154467	27.400	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	177271	19.791	ug/l	97
10) Methyl Iodide	4.595	142	284923	23.148	ug/l	96
11) Tert butyl alcohol	5.542	59	243378	143.377	ug/l	99
12) 1,1-Dichloroethene	4.348	96	189636	21.887	ug/l	92
13) Acrolein	4.189	56	231276	138.482	ug/l	94
14) Allyl chloride	5.030	41	286099	24.165	ug/l	95
15) Acrylonitrile	5.730	53	619931	144.545	ug/l	98
16) Acetone	4.442	43	477028	139.116	ug/l	97
17) Carbon Disulfide	4.718	76	462019	18.441	ug/l	100
18) Methyl Acetate	5.036	43	420016	28.935	ug/l	89
19) Methyl tert-butyl Ether	5.812	73	820795	28.752	ug/l	96
20) Methylene Chloride	5.283	84	279457	27.871	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	231029	23.662	ug/l	95
22) Diisopropyl ether	6.683	45	787733	29.715	ug/l	94
23) Vinyl Acetate	6.612	43	2474060	146.800	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	467884	26.193	ug/l	98
25) 2-Butanone	7.494	43	782899	145.043	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	311899	21.348	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	308561	27.319	ug/l	97
28) Bromochloromethane	7.824	49	215150	25.572	ug/l	94
29) Tetrahydrofuran	7.847	42	510549	144.150	ug/l	85
30) Chloroform	7.971	83	520322	27.978	ug/l	94
31) Cyclohexane	8.265	56	283790	19.076	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	405832	24.339	ug/l	97
36) 1,1-Dichloropropene	8.377	75	313909	21.748	ug/l	98
37) Ethyl Acetate	7.571	43	331329	27.536	ug/l #	94
38) Carbon Tetrachloride	8.371	117	340852	21.727	ug/l	98
39) Methylcyclohexane	9.606	83	253074	19.208	ug/l	92
40) Benzene	8.612	78	1091139	25.516	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	172669	28.149	ug/l	94
42) 1,2-Dichloroethane	8.677	62	398300	27.384	ug/l	99
43) Isopropyl Acetate	8.694	43	570278	28.787	ug/l	93
44) Trichloroethene	9.359	130	266590	23.131	ug/l	99
45) 1,2-Dichloropropane	9.630	63	297532	27.471	ug/l	97
46) Dibromomethane	9.718	93	214066	28.082	ug/l	94
47) Bromodichloromethane	9.894	83	421747	27.600	ug/l	98
48) Methyl methacrylate	9.688	41	259565	28.282	ug/l	89
49) 1,4-Dioxane	9.700	88	110109	550.127	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	1723698	146.283	ug/l	93
52) Toluene	10.635	92	672512	25.375	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	432976	27.658	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	467447	28.013	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	292965	28.056	ug/l	93
56) Ethyl methacrylate	10.882	69	434661	29.778	ug/l	91
57) 1,3-Dichloropropane	11.171	76	495531	27.910	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	750516	144.276	ug/l	93
59) 2-Hexanone	11.200	43	1205164	143.908	ug/l	93
60) Dibromochloromethane	11.365	129	329032	28.542	ug/l	100
61) 1,2-Dibromoethane	11.476	107	306378	28.482	ug/l	98
64) Tetrachloroethene	11.112	164	203125	20.091	ug/l	97
65) Chlorobenzene	11.894	112	739094	24.589	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	301661	26.087	ug/l	98
67) Ethyl Benzene	11.971	91	1221657	24.044	ug/l	97
68) m/p-Xylenes	12.076	106	930237	49.519	ug/l	100
69) o-Xylene	12.406	106	466602	24.591	ug/l	96
70) Styrene	12.418	104	780455	26.292	ug/l	97
71) Bromoform	12.582	173	216565	27.653	ug/l #	100
73) Isopropylbenzene	12.700	105	1088573	21.314	ug/l	99
74) N-amyl acetate	12.500	43	452168	25.690	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	424096	28.391	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	329180m	25.056	ug/l	
77) Bromobenzene	12.988	156	299231	26.206	ug/l	94
78) n-propylbenzene	13.041	91	1215089	22.246	ug/l	100
79) 2-Chlorotoluene	13.129	91	796818	22.272	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	905201	22.432	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	117028	23.408	ug/l #	87
82) 4-Chlorotoluene	13.229	91	768096	23.014	ug/l	97
83) tert-Butylbenzene	13.447	119	743871	21.712	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	935562	23.868	ug/l	100
85) sec-Butylbenzene	13.623	105	914248	21.112	ug/l	99
86) p-Isopropyltoluene	13.735	119	754233	21.690	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	475901	24.272	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	461964	23.392	ug/l	98
89) n-Butylbenzene	14.059	91	582178	23.399	ug/l	99
90) Hexachloroethane	14.341	117	146869	22.532	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	483457	24.777	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	65651	25.926	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	152695	24.520	ug/l	97
94) Hexachlorobutadiene	15.512	225	76311	21.313	ug/l	97
95) Naphthalene	15.647	128	502029	23.581	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	170022	23.745	ug/l	97

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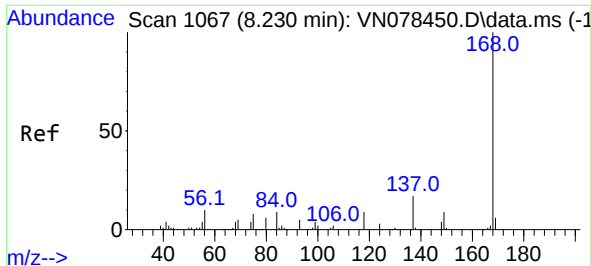
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QLast Update : Mon Jul 10 16:13:53 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



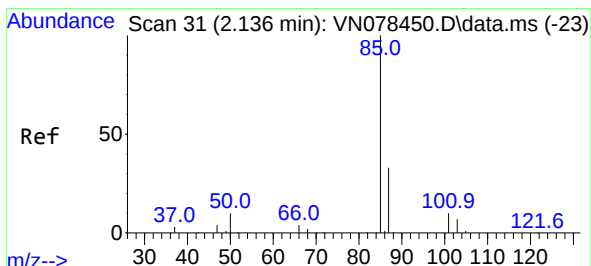
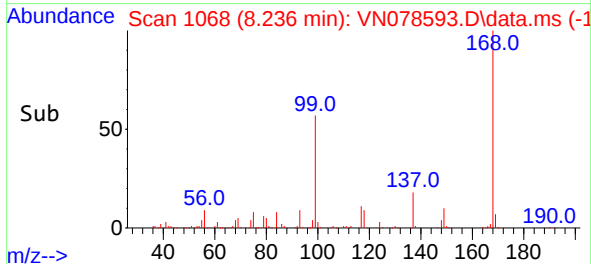
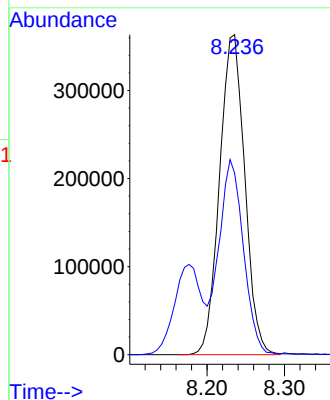
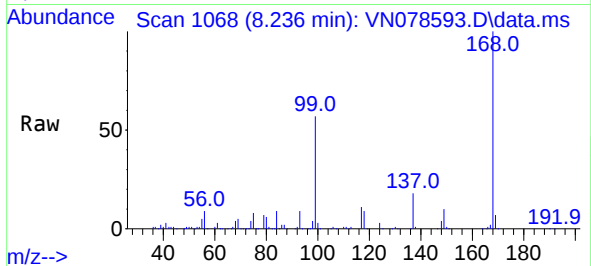
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 82112
Ion Ratio Lower Upper
168 100
99 56.4 53.0 79.6

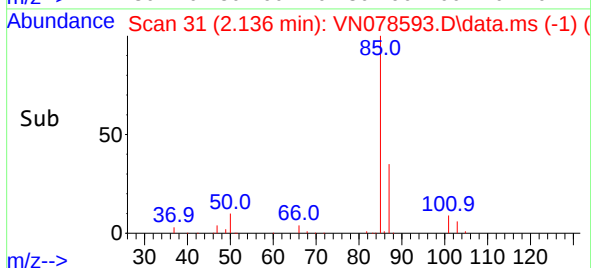
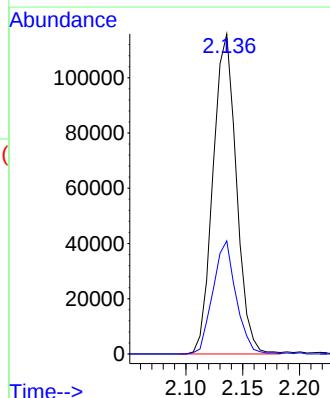
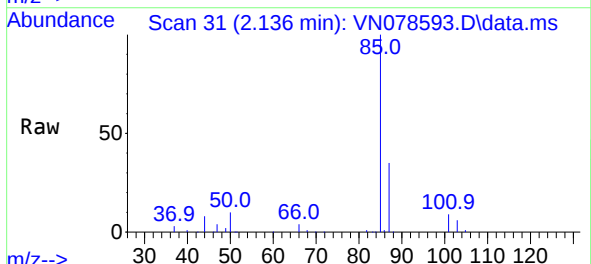
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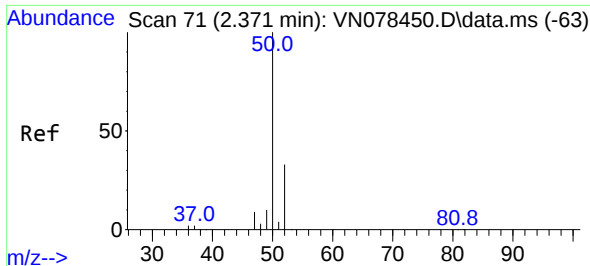
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#2
Dichlorodifluoromethane
Concen: 16.461 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

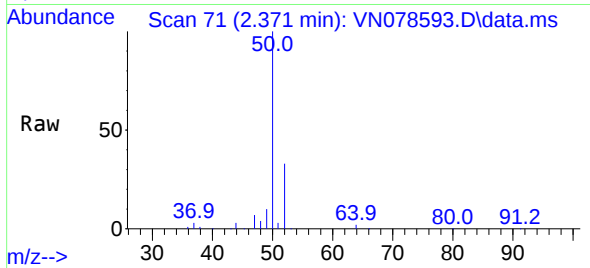
Tgt Ion: 85 Resp: 165716
Ion Ratio Lower Upper
85 100
87 35.3 15.8 47.4





#3
Chloromethane
Concen: 23.229 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

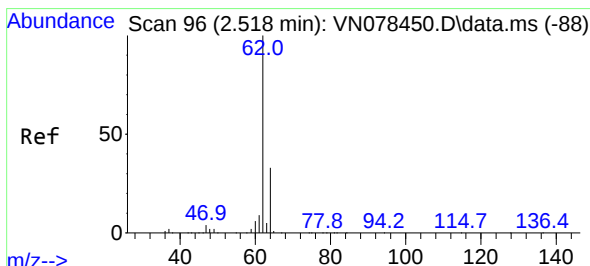
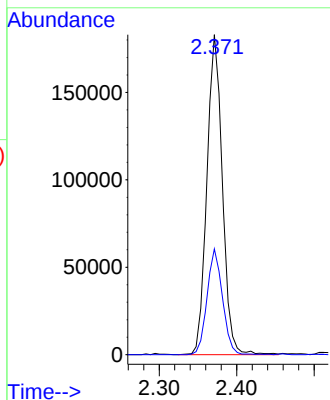
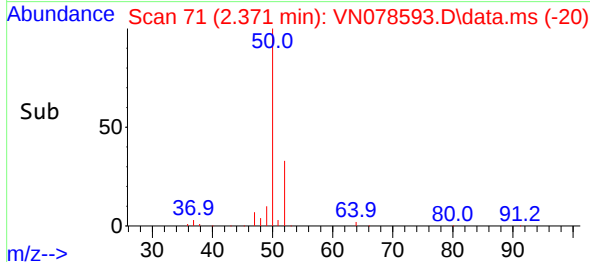
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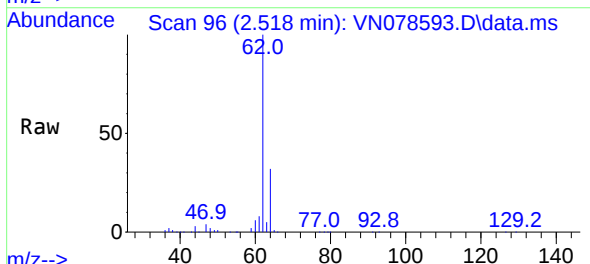
Tgt Ion: 50 Resp: 254178
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

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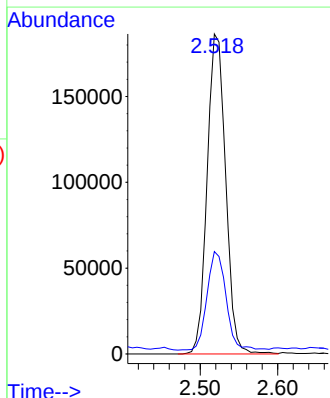
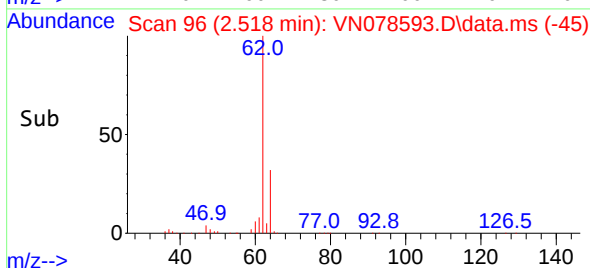
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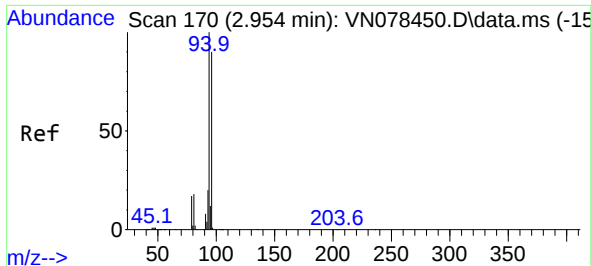


#4
Vinyl Chloride
Concen: 21.851 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



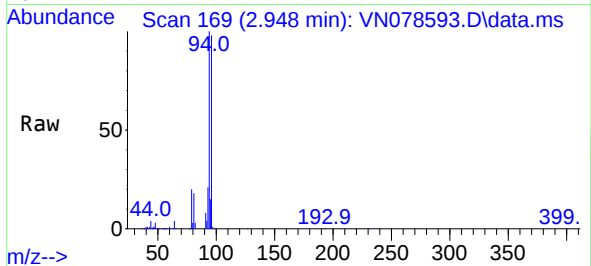
Tgt Ion: 62 Resp: 309305
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2





#5
Bromomethane
Concen: 20.267 ug/l
RT: 2.948 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

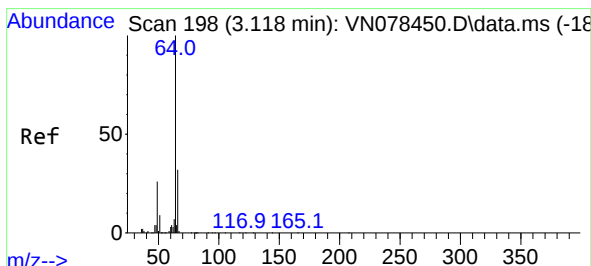
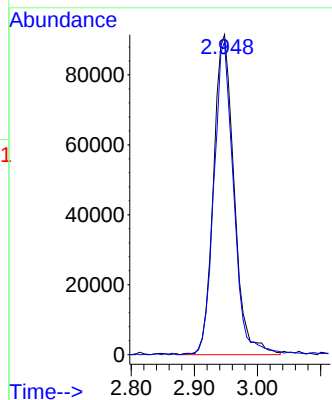
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 94 Resp: 207923
Ion Ratio Lower Upper
94 100
96 97.8 73.1 109.7

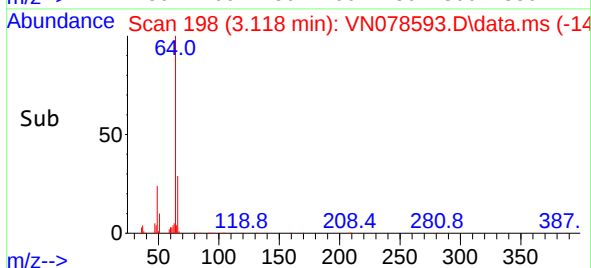
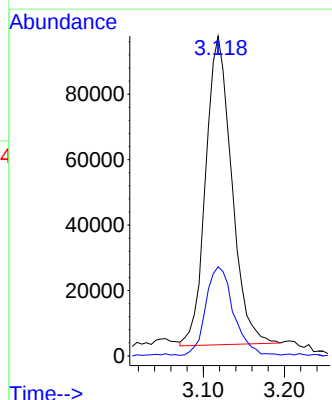
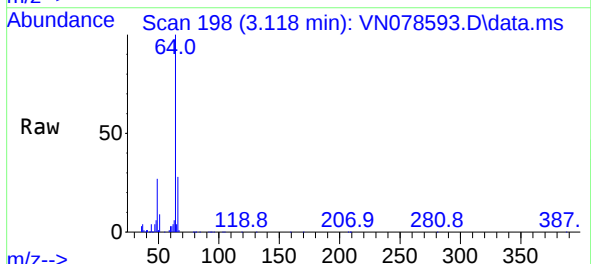
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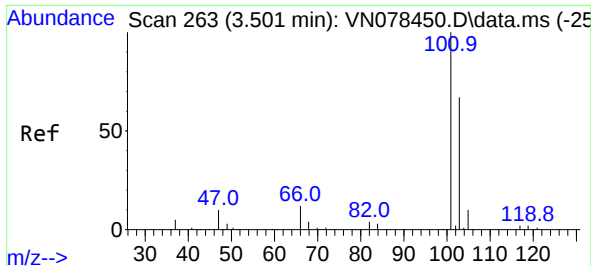
Reviewed By :John Carlone 07/21/2023
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#6
Chloroethane
Concen: 23.499 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

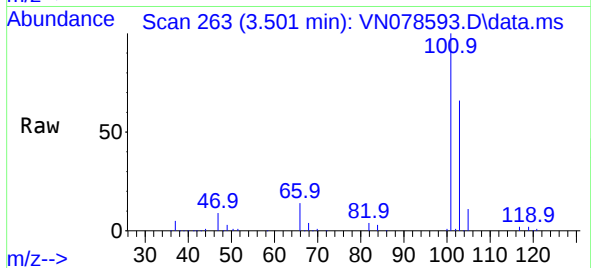
Tgt Ion: 64 Resp: 209933
Ion Ratio Lower Upper
64 100
66 28.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.598 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN078593.D
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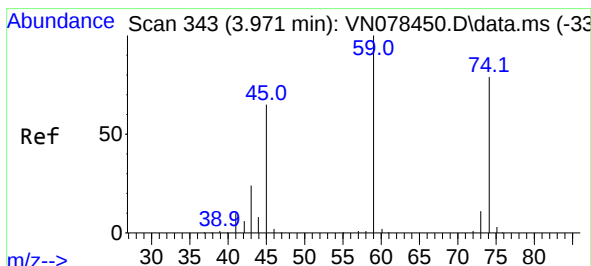
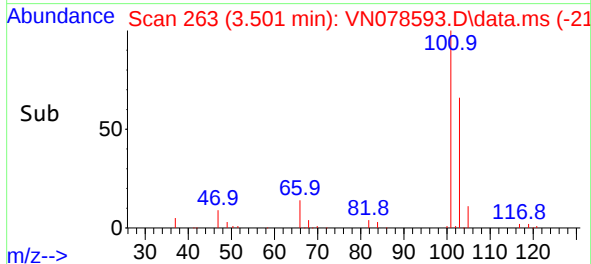
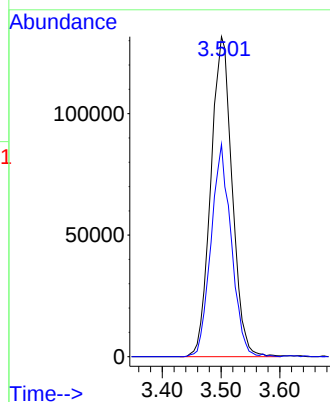
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Tgt Ion:101 Resp: 33161
Ion Ratio Lower Upper
101 100
103 66.4 50.7 76.1

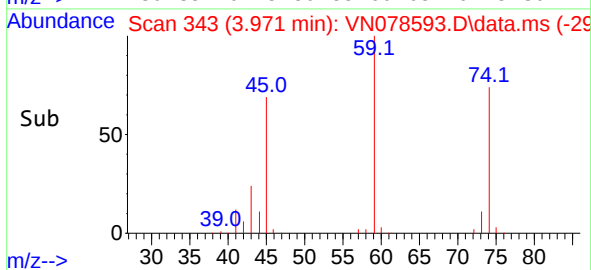
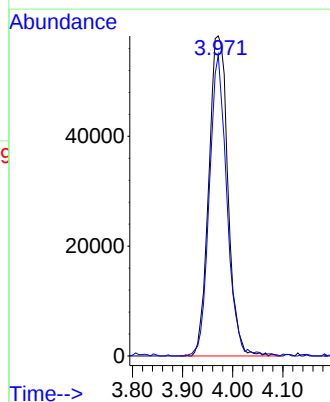
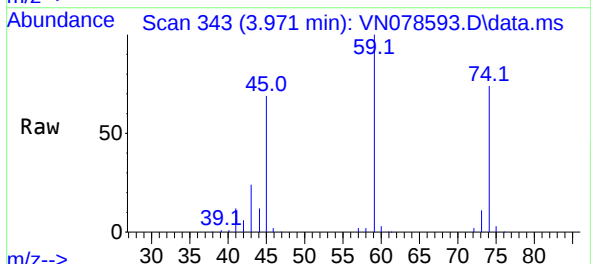
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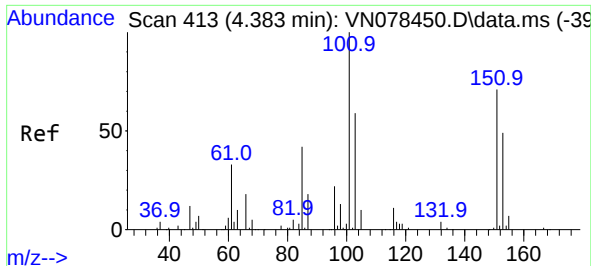
Reviewed By :John Carlone 07/21/2023
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#8
Diethyl Ether
Concen: 27.400 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
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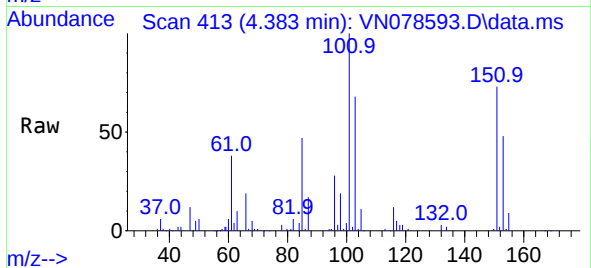
Tgt Ion: 74 Resp: 154467
Ion Ratio Lower Upper
74 100
45 86.2 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.791 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
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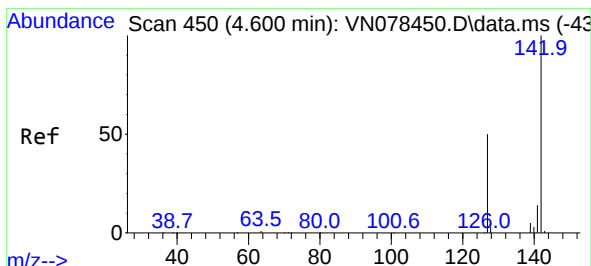
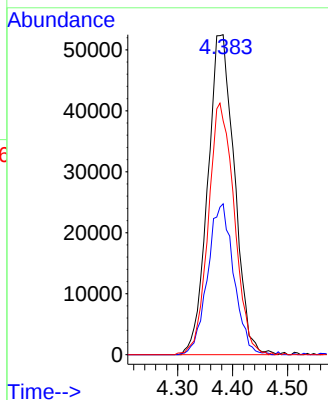
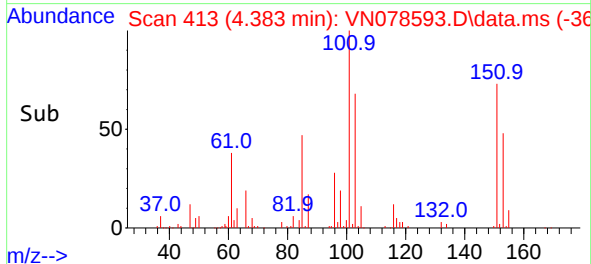
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ClientSampleId :
IBLK



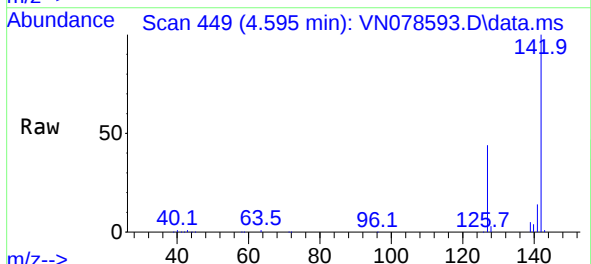
Tgt Ion:101 Resp: 17727
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 76.4 57.6 86.4

Manual Integrations
APPROVED

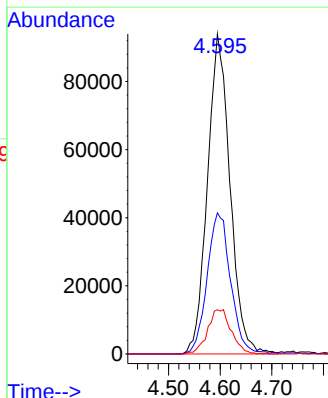
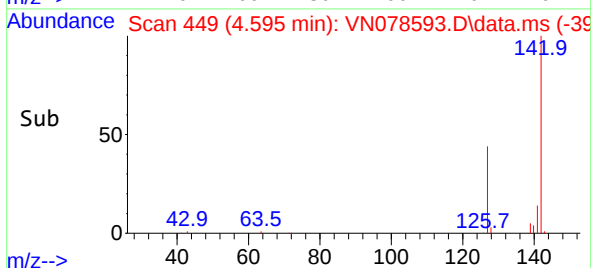
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

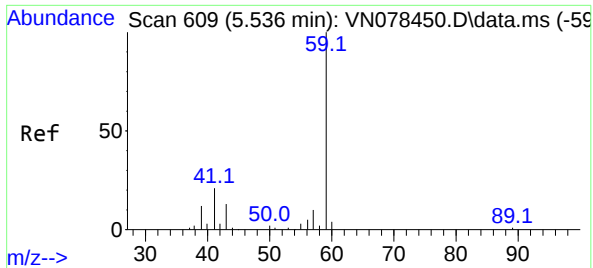


#10
Methyl Iodide
Concen: 23.148 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



Tgt Ion:142 Resp: 284923
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 13.8 11.4 17.0





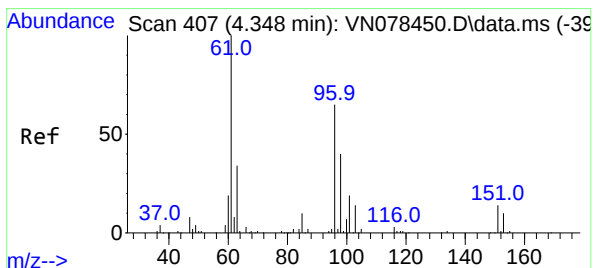
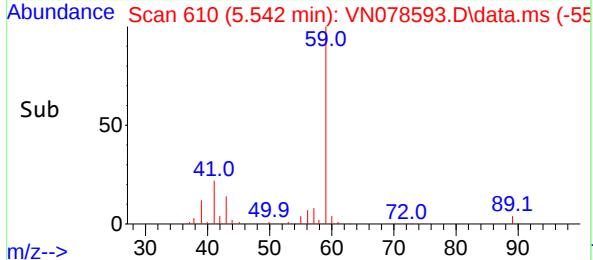
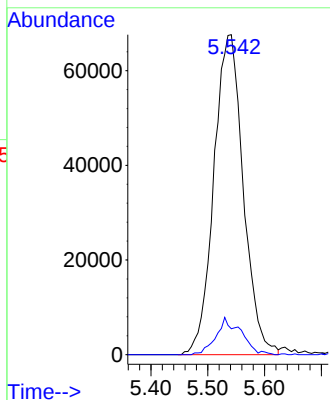
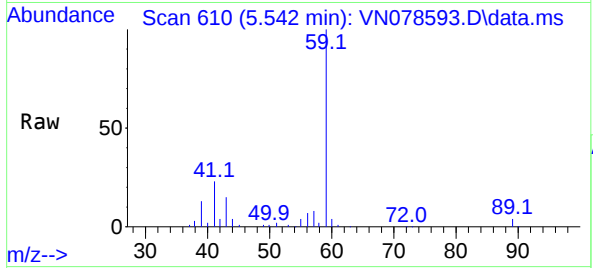
#11
Tert butyl alcohol
Concen: 143.377 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 59 Resp: 243378
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

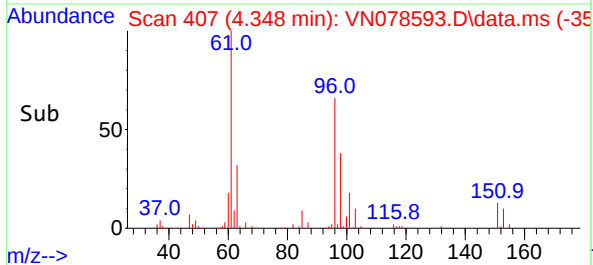
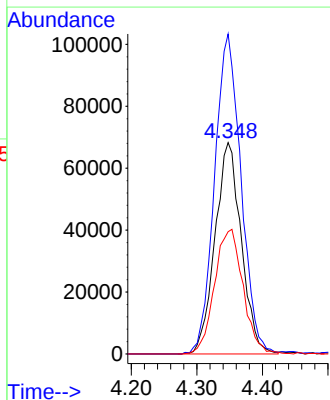
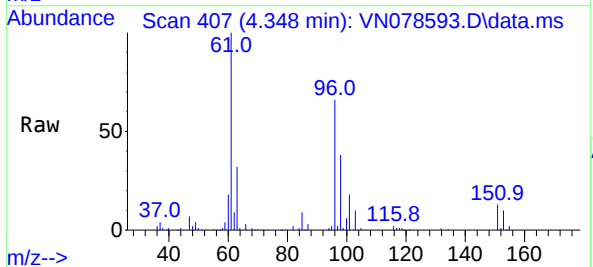
Manual Integrations
APPROVED

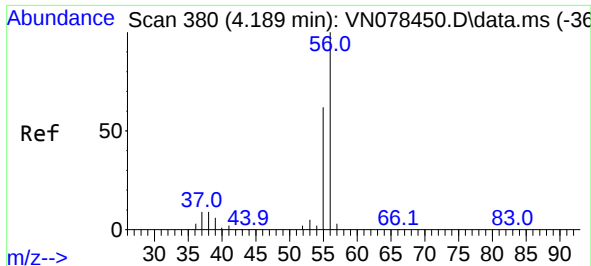
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#12
1,1-Dichloroethene
Concen: 21.887 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

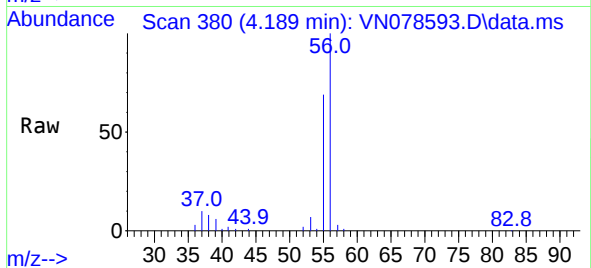
Tgt Ion: 96 Resp: 189636
Ion Ratio Lower Upper
96 100
61 151.4 112.7 169.1
98 57.9 51.2 76.8





#13
Acrolein
Concen: 138.482 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

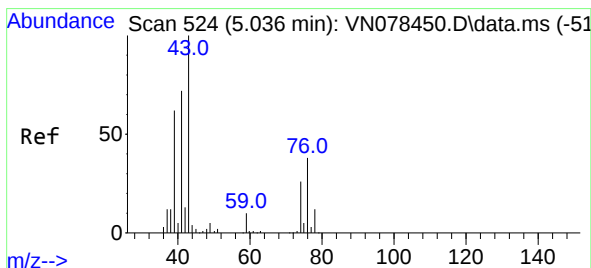
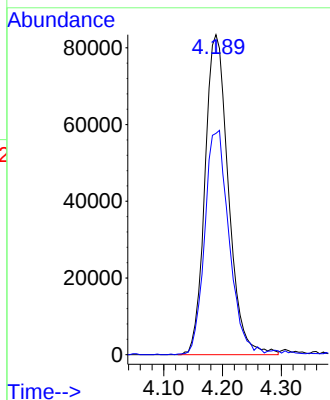
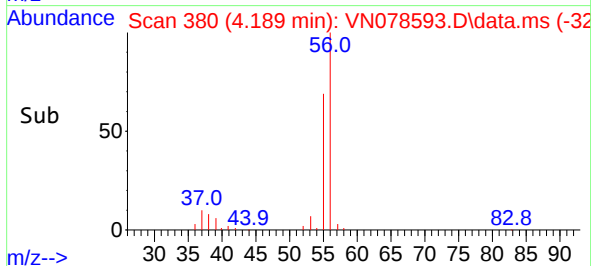
Instrument :
MSVOA_N
ClientSampleId :
IBLK



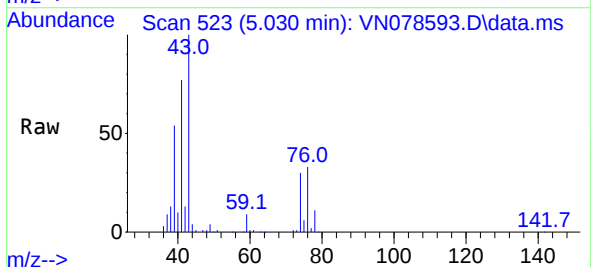
Tgt Ion: 56 Resp: 231270
Ion Ratio Lower Upper
56 100
55 72.8 54.5 81.7

Manual Integrations
APPROVED

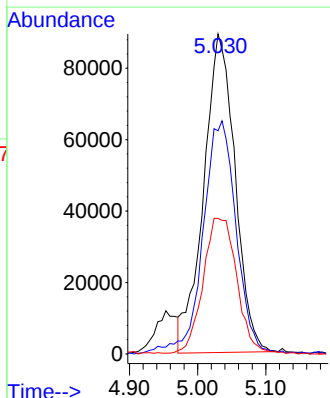
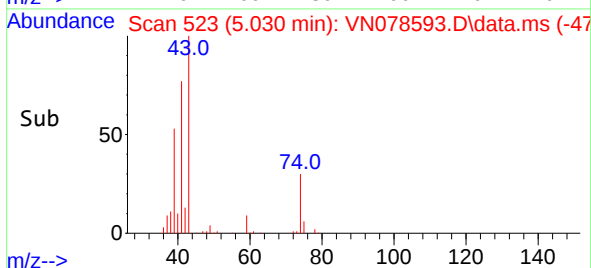
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

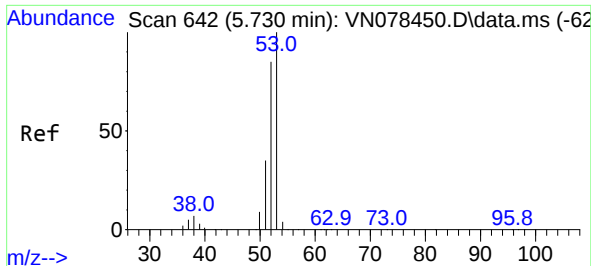


#14
Allyl chloride
Concen: 24.165 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



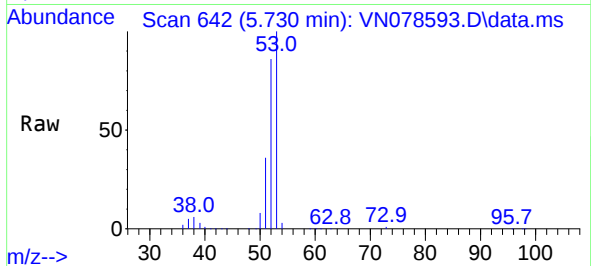
Tgt Ion: 41 Resp: 286099
Ion Ratio Lower Upper
41 100
39 77.6 58.8 88.2
76 46.0 39.1 58.7





#15
Acrylonitrile
Concen: 144.545 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

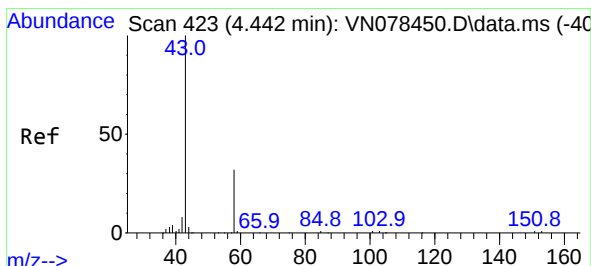
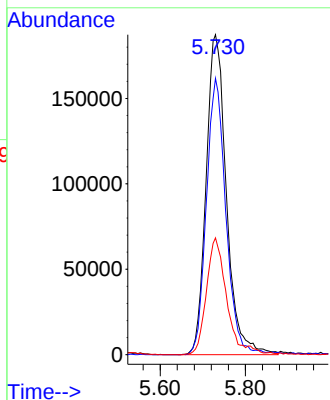
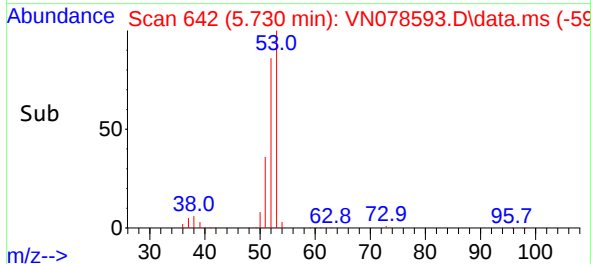
Instrument :
MSVOA_N
ClientSampleId :
IBLK



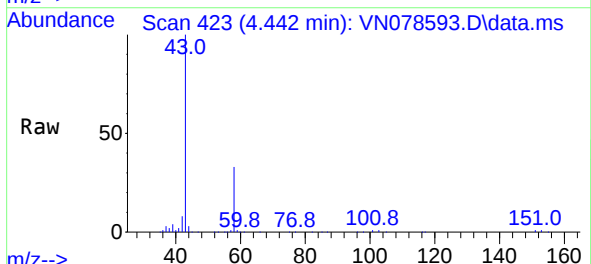
Tgt Ion: 53 Resp: 61993
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 35.0 28.9 43.3

Manual Integrations
APPROVED

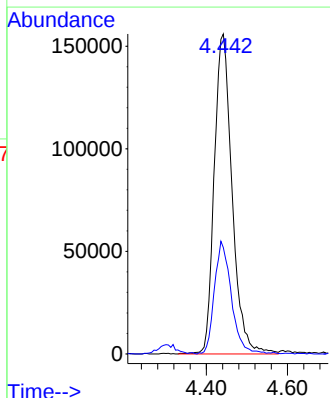
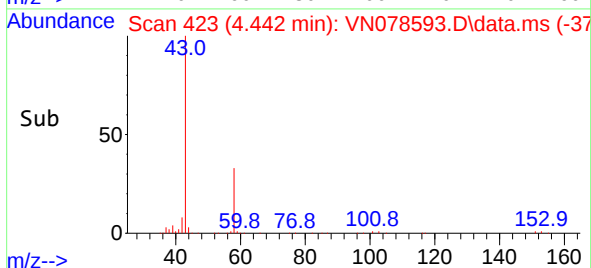
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

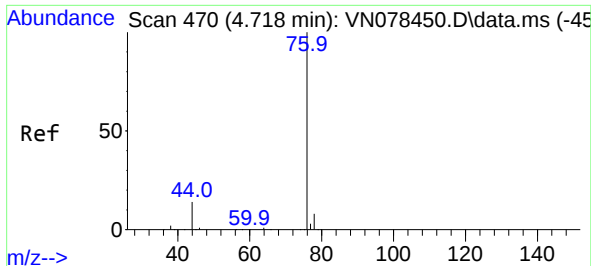


#16
Acetone
Concen: 139.116 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



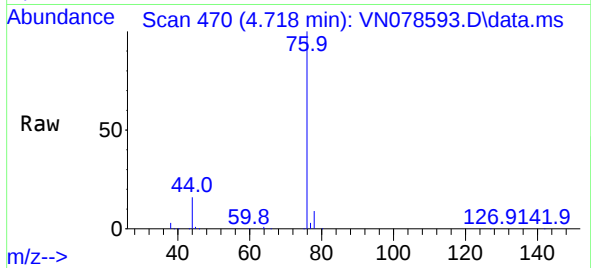
Tgt Ion: 43 Resp: 477028
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0





#17
Carbon Disulfide
Concen: 18.441 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

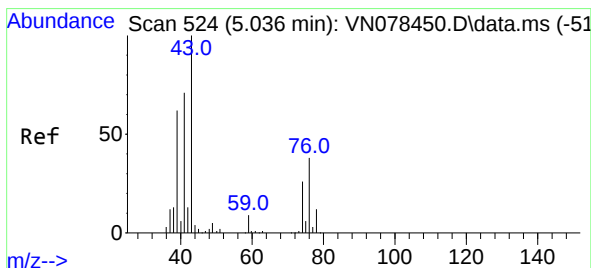
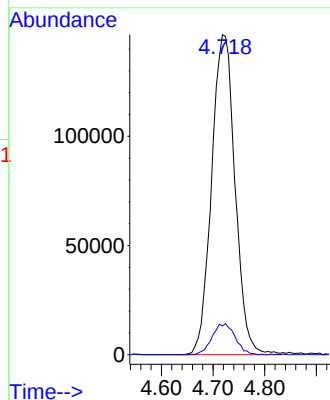
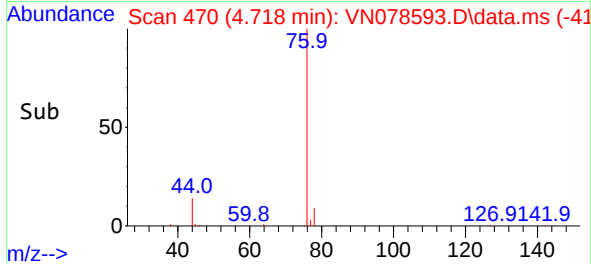
Instrument :
MSVOA_N
ClientSampleId :
IBLK



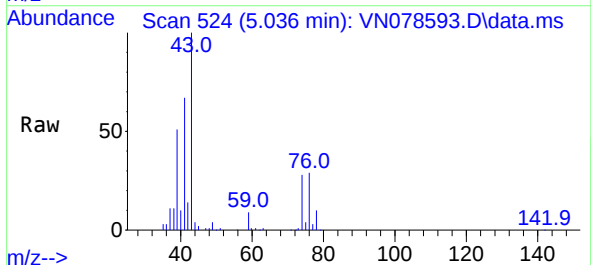
Tgt Ion: 76 Resp: 462019
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

Manual Integrations
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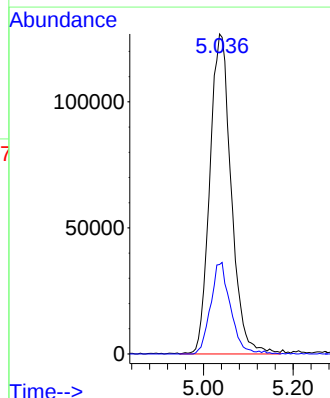
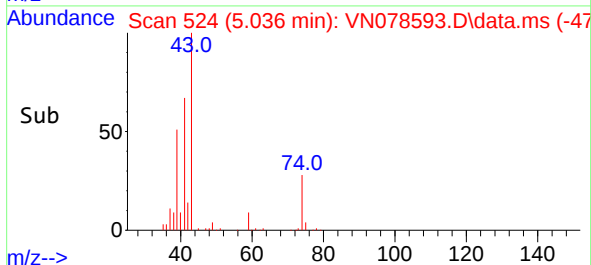
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

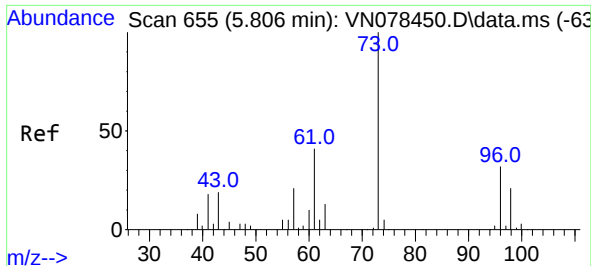


#18
Methyl Acetate
Concen: 28.935 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



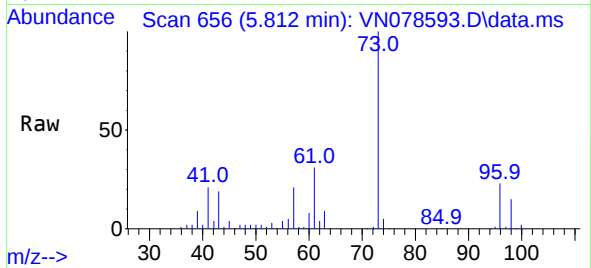
Tgt Ion: 43 Resp: 420016
Ion Ratio Lower Upper
43 100
74 26.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 28.752 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

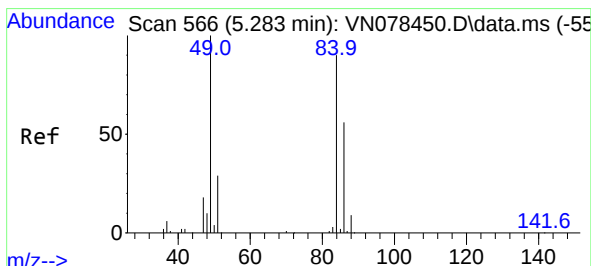
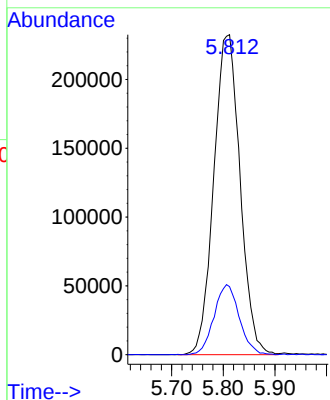
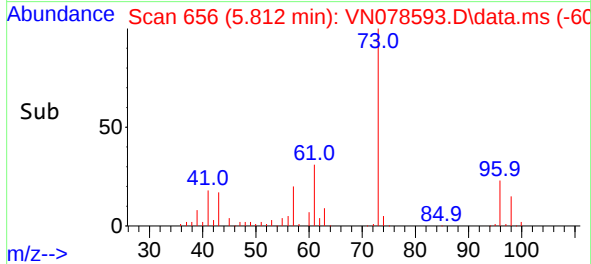
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 73 Resp: 82079
Ion Ratio Lower Upper
73 100
57 21.2 15.6 23.4

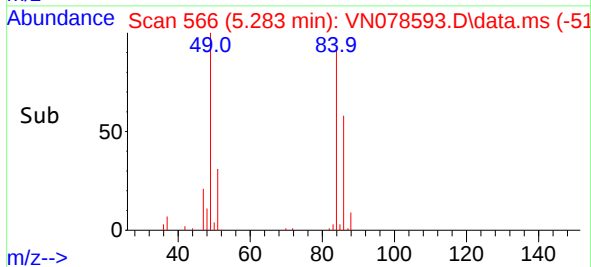
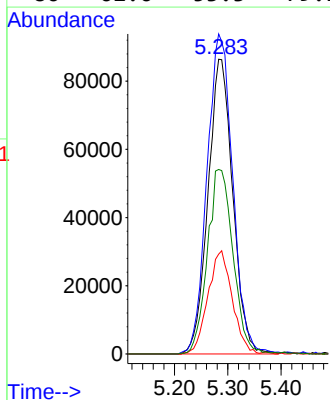
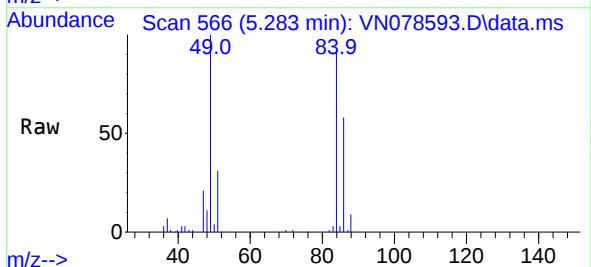
Manual Integrations
APPROVED

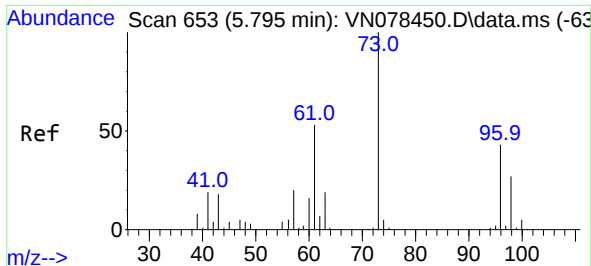
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#20
Methylene Chloride
Concen: 27.871 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

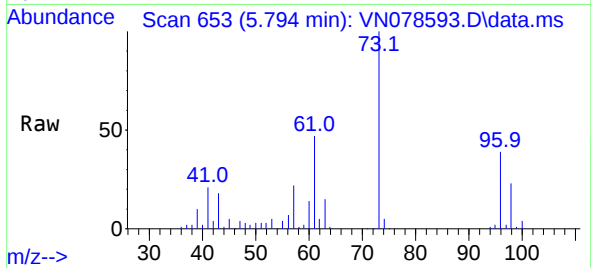
Tgt Ion: 84 Resp: 279457
Ion Ratio Lower Upper
84 100
49 108.6 79.7 119.5
51 33.9 25.2 37.8
86 62.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 23.662 ug/l
RT: 5.794 min Scan# 610
Delta R.T. -0.001 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

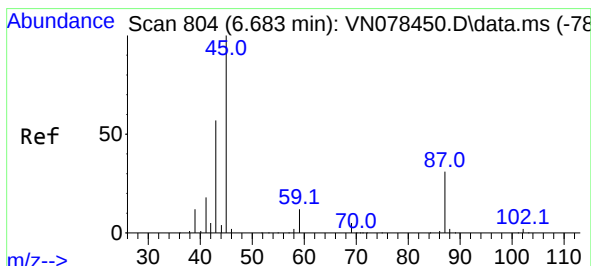
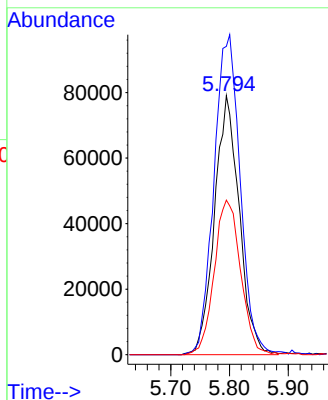
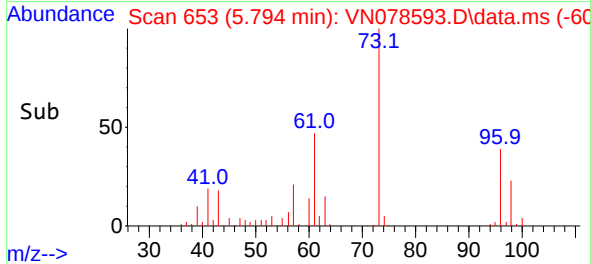
Instrument :
MSVOA_N
ClientSampleId :
IBLK



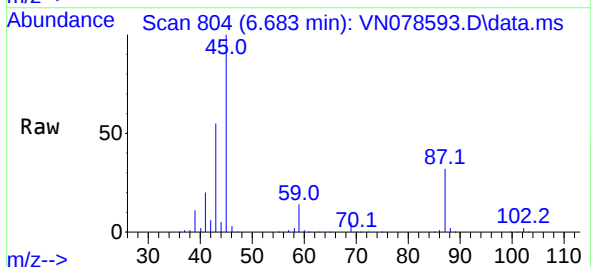
Tgt Ion: 96 Resp: 231029
Ion Ratio Lower Upper
96 100
61 119.0 90.1 135.1
98 59.6 46.4 69.6

Manual Integrations
APPROVED

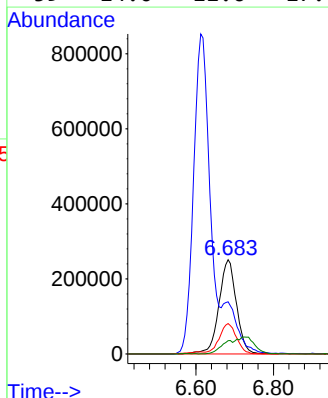
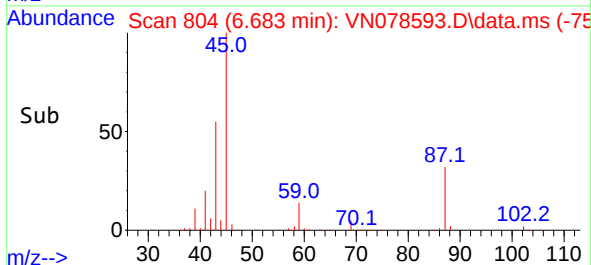
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

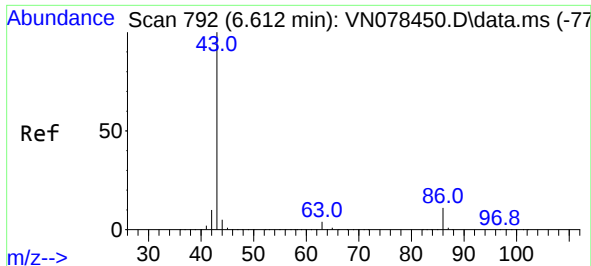


#22
Diisopropyl ether
Concen: 29.715 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



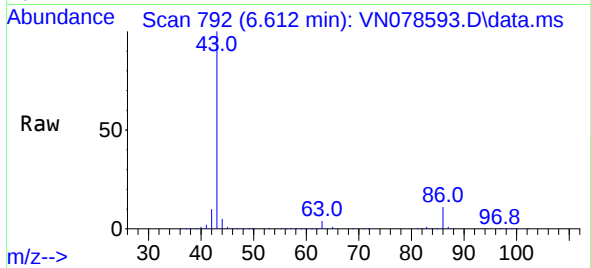
Tgt Ion: 45 Resp: 787733
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 32.1 31.8 47.8
59 14.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 146.800 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078593.D
 Acq: 20 Jul 2023 14:46

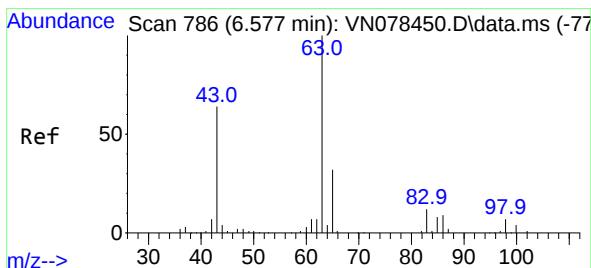
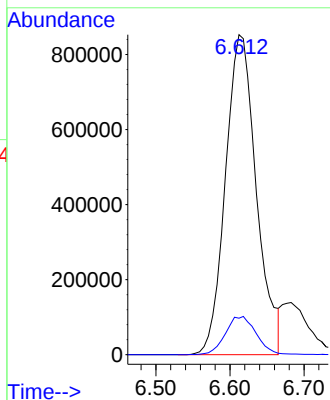
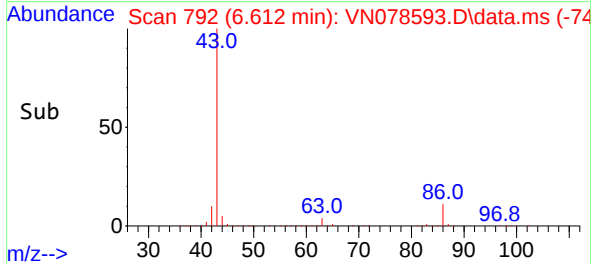
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



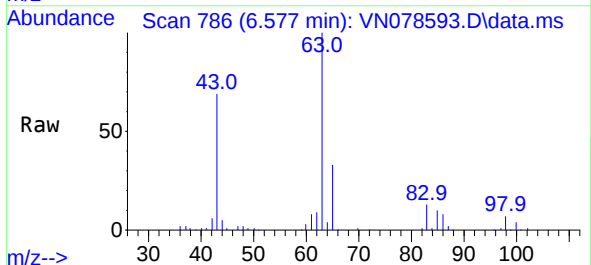
Tgt Ion: 43 Resp: 2474060
 Ion Ratio Lower Upper
 43 100
 86 11.4 13.0 19.6

Manual Integrations
 APPROVED

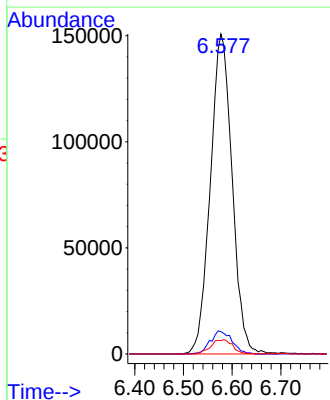
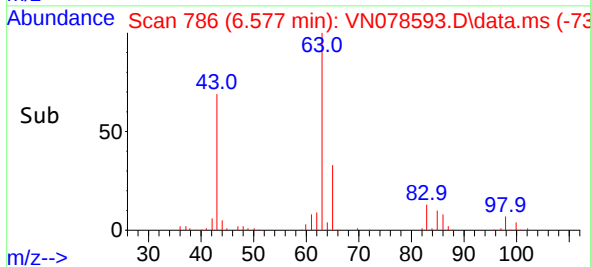
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

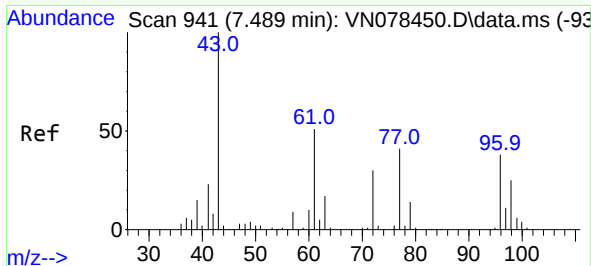


#24
 1,1-Dichloroethane
 Concen: 26.193 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078593.D
 Acq: 20 Jul 2023 14:46



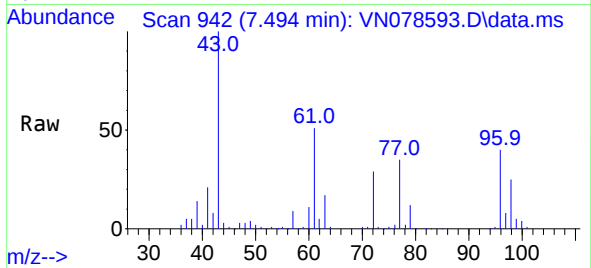
Tgt Ion: 63 Resp: 467884
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.2 2.5 7.4





#25
2-Butanone
Concen: 145.043 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

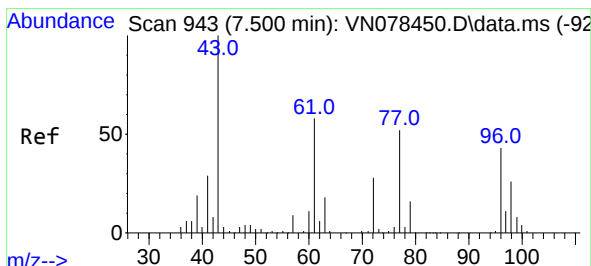
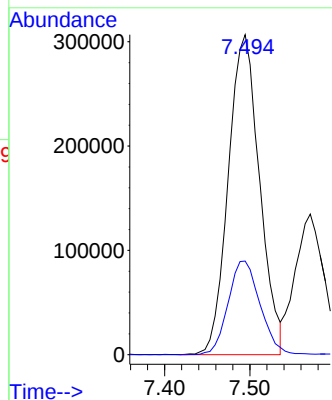
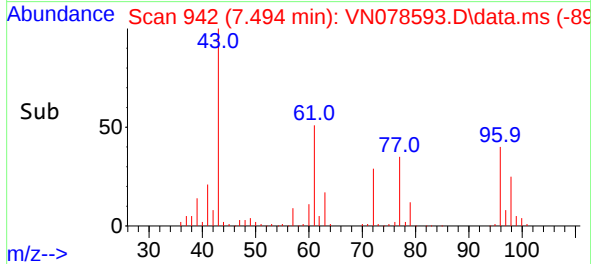
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 43 Resp: 782899
Ion Ratio Lower Upper
43 100
72 29.3 30.2 45.2

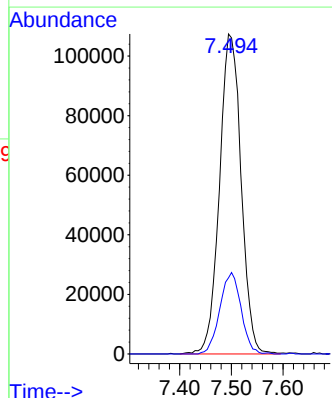
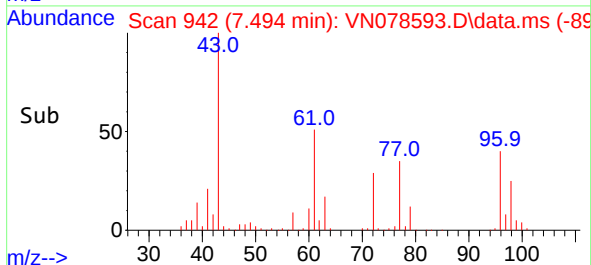
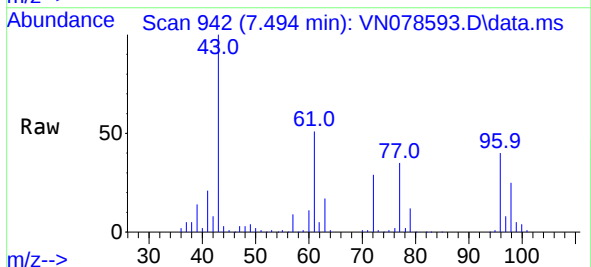
Manual Integrations
APPROVED

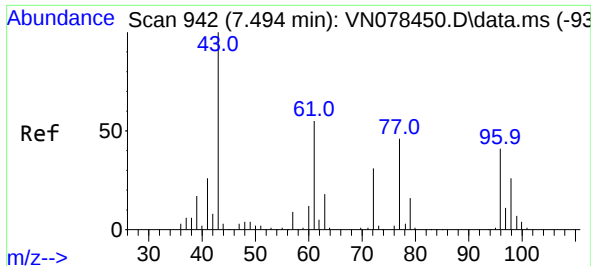
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#26
2,2-Dichloropropane
Concen: 21.348 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

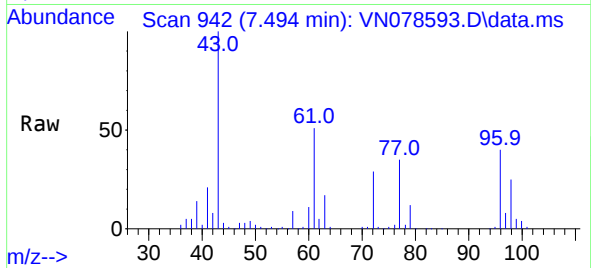
Tgt Ion: 77 Resp: 311899
Ion Ratio Lower Upper
77 100
97 25.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 27.319 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078593.D
 Acq: 20 Jul 2023 14:46

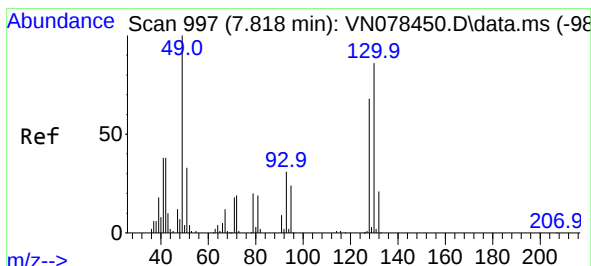
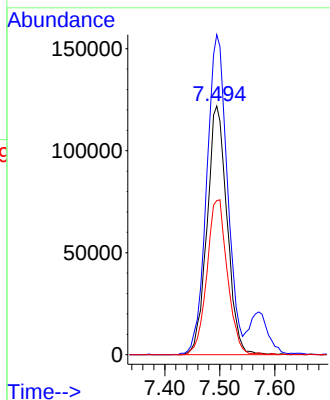
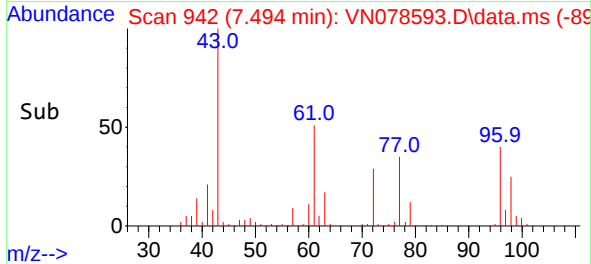
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



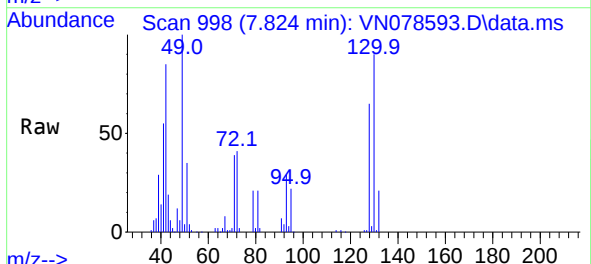
Tgt Ion: 96 Resp: 30856
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 255.2
 98 63.8 0.0 128.8

Manual Integrations
 APPROVED

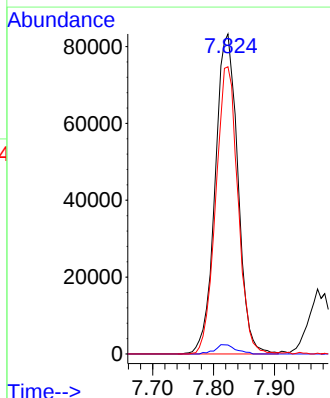
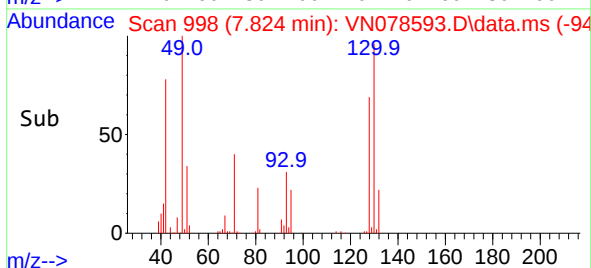
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

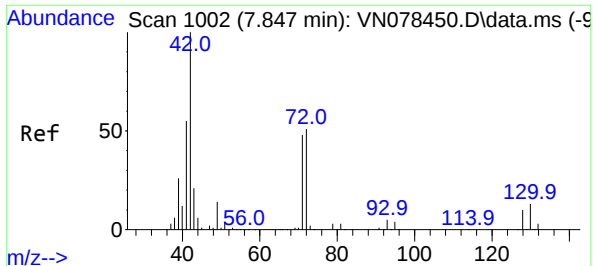


#28
 Bromochloromethane
 Concen: 25.572 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078593.D
 Acq: 20 Jul 2023 14:46



Tgt Ion: 49 Resp: 215150
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 87.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 144.150 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078593.D

Acq: 20 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion: 42 Resp: 510549

Ion Ratio Lower Upper

42 100

72 50.5 49.8 74.6

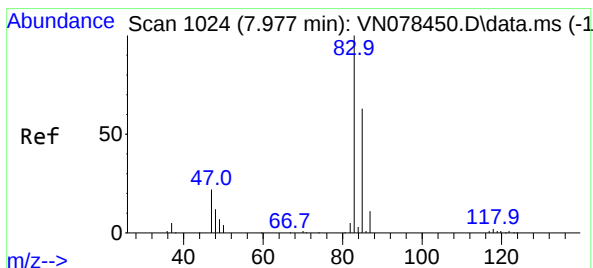
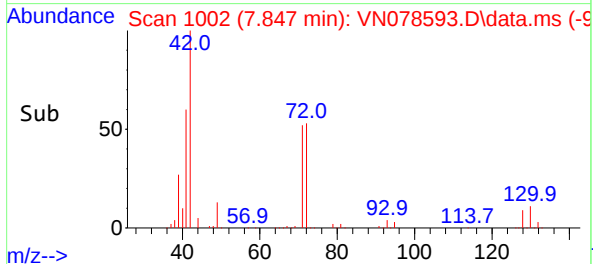
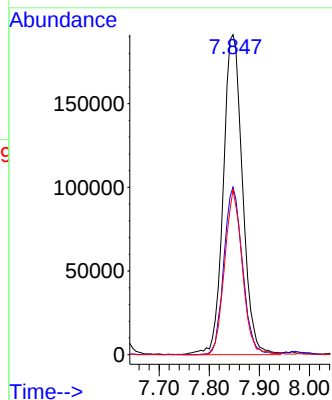
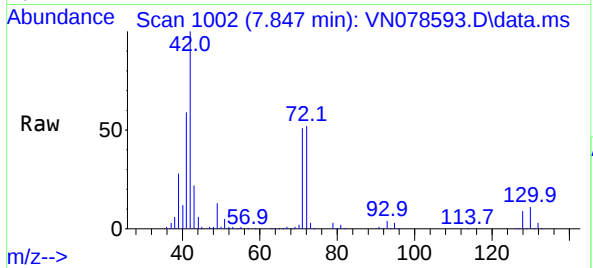
71 47.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#30

Chloroform

Concen: 27.978 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078593.D

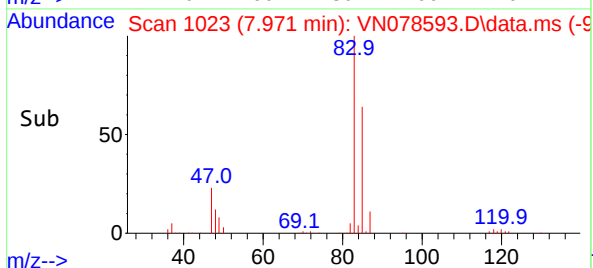
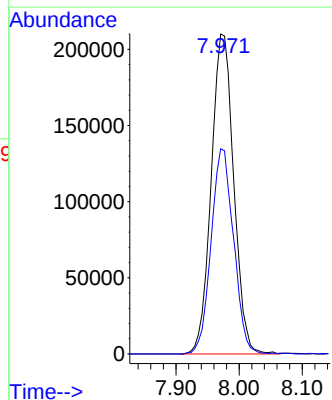
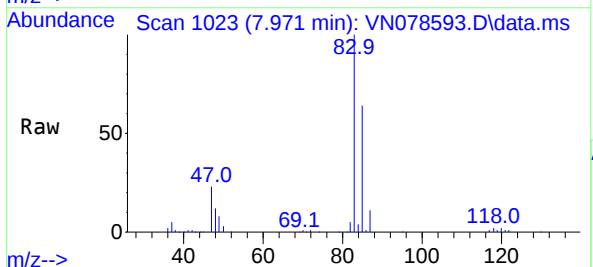
Acq: 20 Jul 2023 14:46

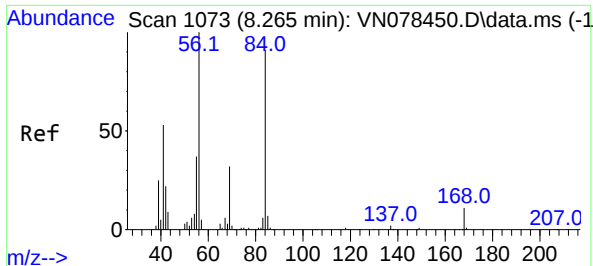
Tgt Ion: 83 Resp: 520322

Ion Ratio Lower Upper

83 100

85 64.1 55.4 83.0





#31

Cyclohexane

Concen: 19.076 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078593.D

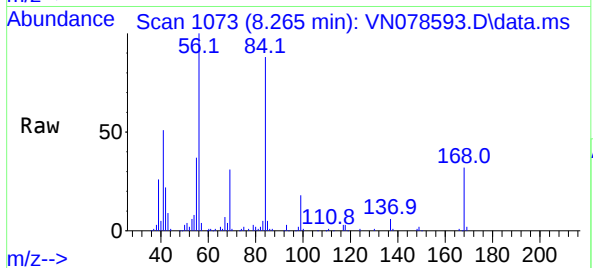
Acq: 20 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion: 56 Resp: 283790

Ion Ratio Lower Upper

56 100

69 30.8 26.8 40.2

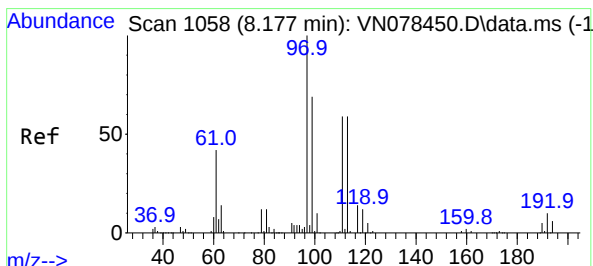
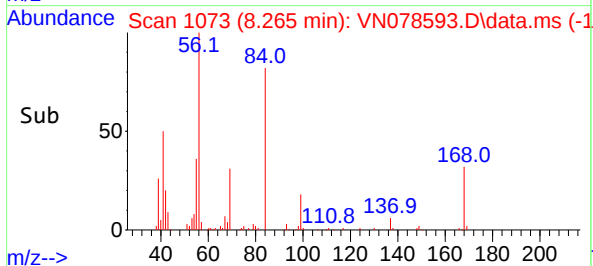
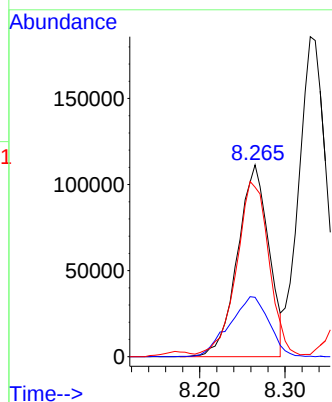
84 85.9 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#32

1,1,1-Trichloroethane

Concen: 24.339 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078593.D

Acq: 20 Jul 2023 14:46

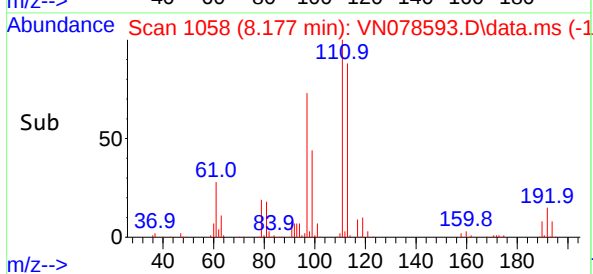
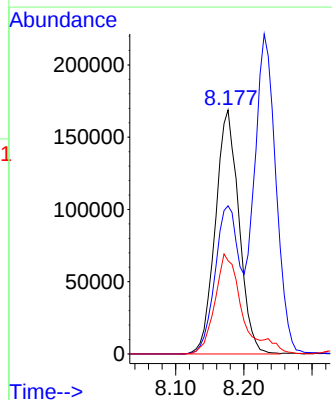
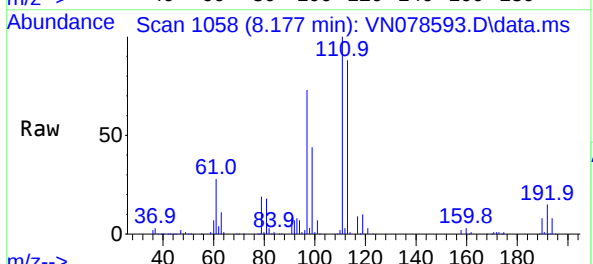
Tgt Ion: 97 Resp: 405832

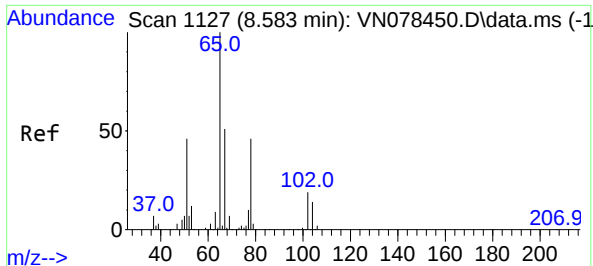
Ion Ratio Lower Upper

97 100

99 62.8 50.3 75.5

61 47.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.357 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078593.D

Acq: 20 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion: 65 Resp: 587350

Ion Ratio Lower Upper

65 100

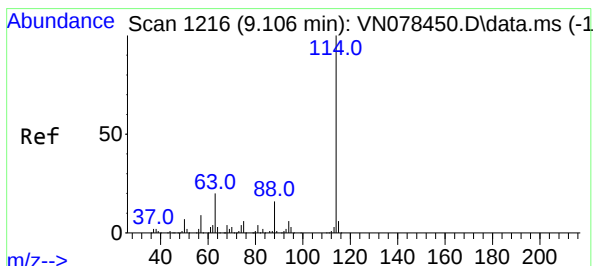
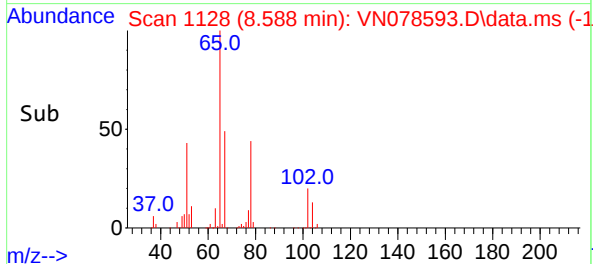
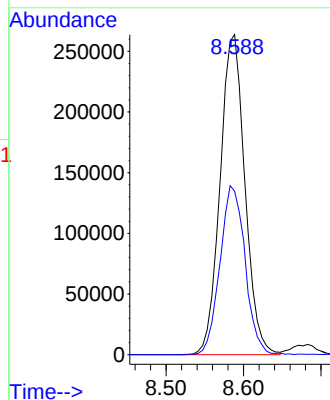
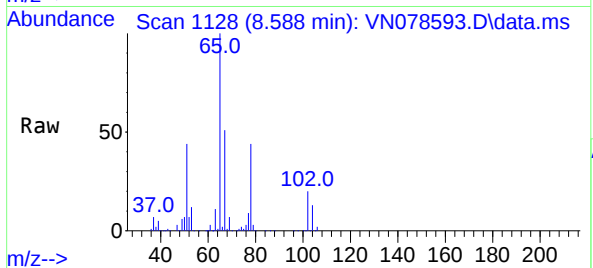
67 53.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078593.D

Acq: 20 Jul 2023 14:46

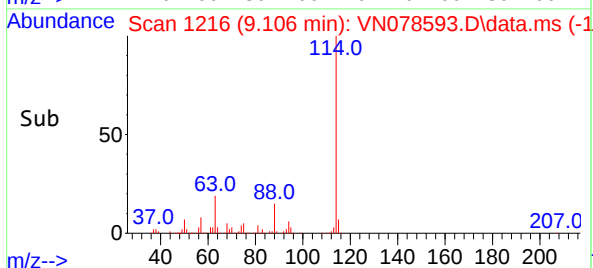
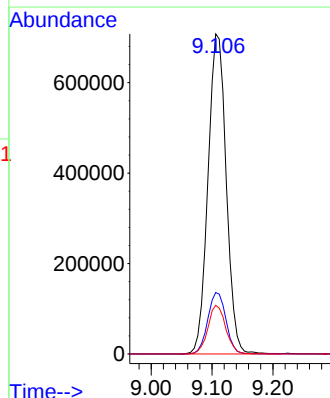
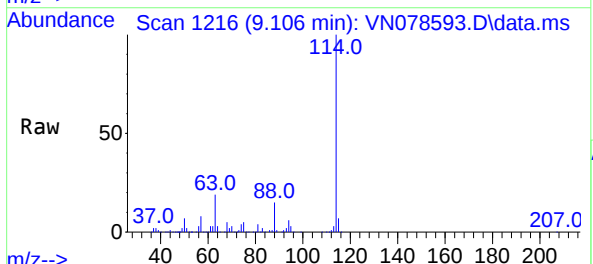
Tgt Ion:114 Resp: 1472624

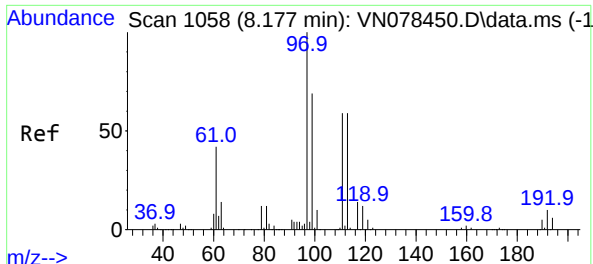
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

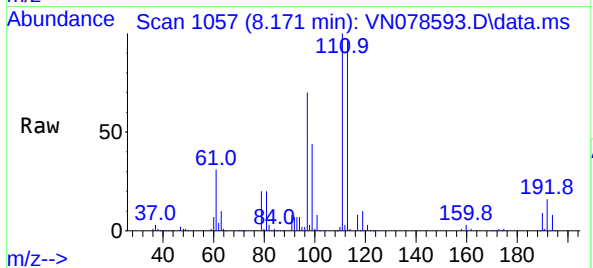
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.470 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

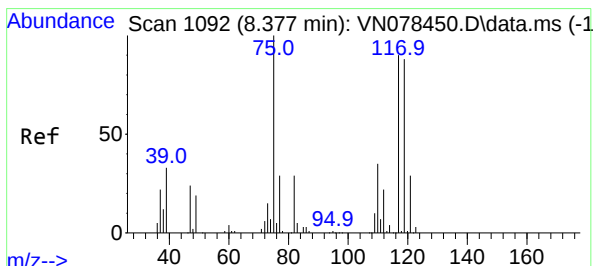
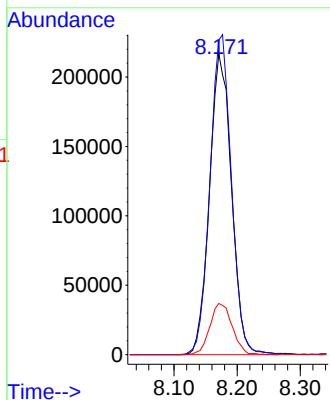
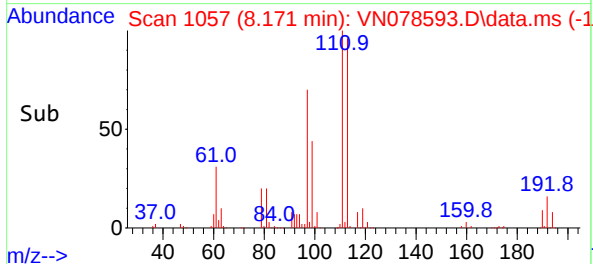
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:113 Resp: 524520
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 17.4 12.7 19.1

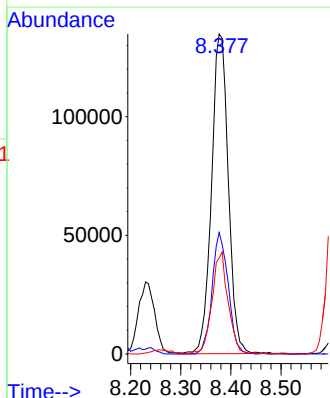
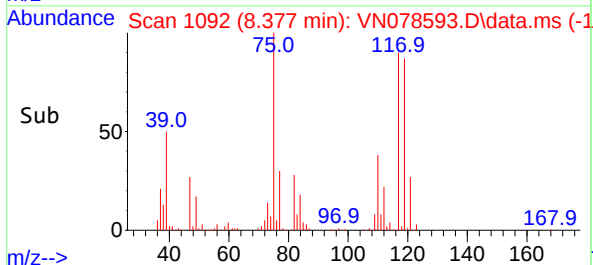
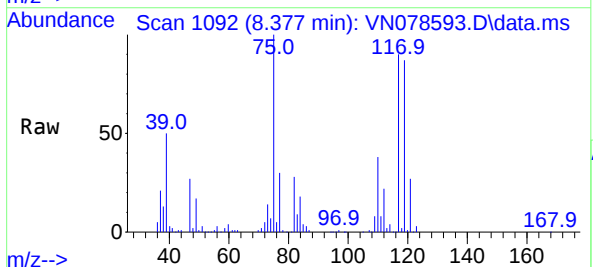
Manual Integrations
APPROVED

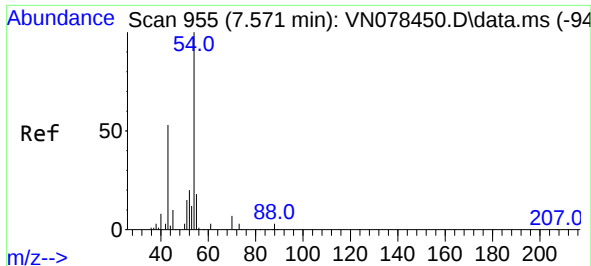
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#36
1,1-Dichloropropene
Concen: 21.748 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

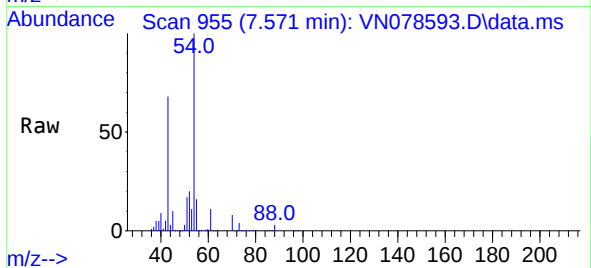
Tgt Ion: 75 Resp: 313909
Ion Ratio Lower Upper
75 100
110 36.3 19.1 57.3
77 30.5 25.0 37.4





#37
Ethyl Acetate
Concen: 27.536 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

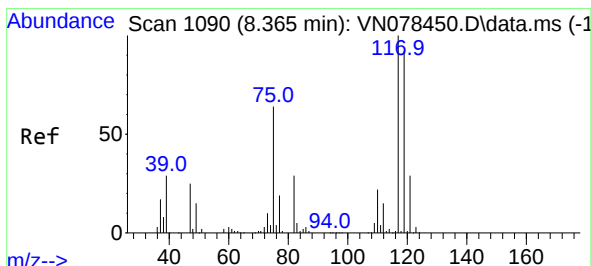
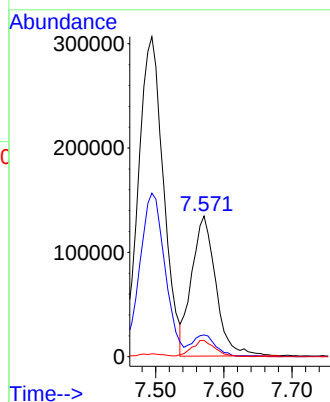
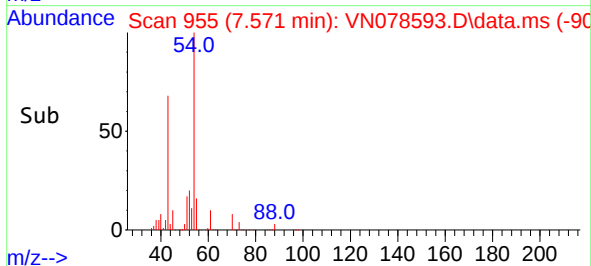
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 43 Resp: 331329
Ion Ratio Lower Upper
43 100
61 14.6 13.2 19.8
70 11.1 11.3 16.9

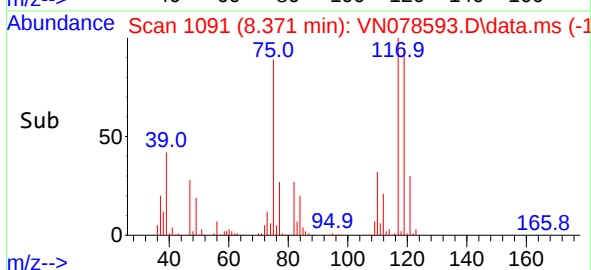
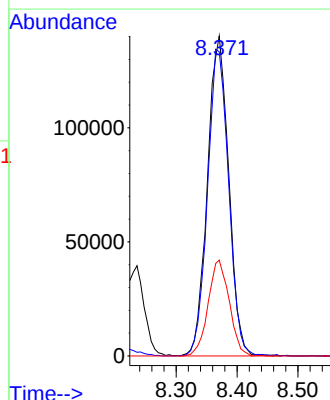
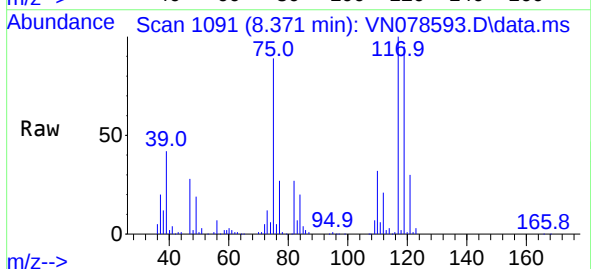
Manual Integrations
APPROVED

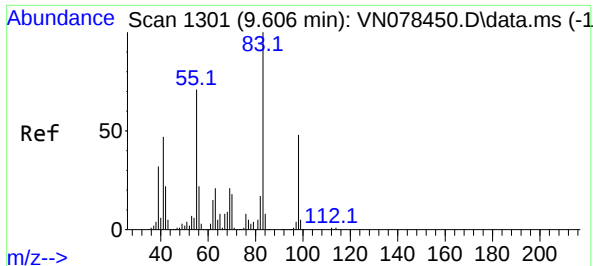
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#38
Carbon Tetrachloride
Concen: 21.727 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

Tgt Ion:117 Resp: 340852
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9
121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 19.208 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078593.D

Acq: 20 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

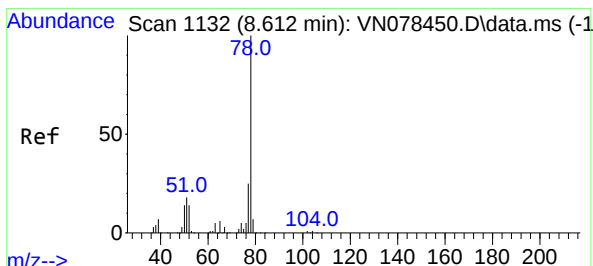
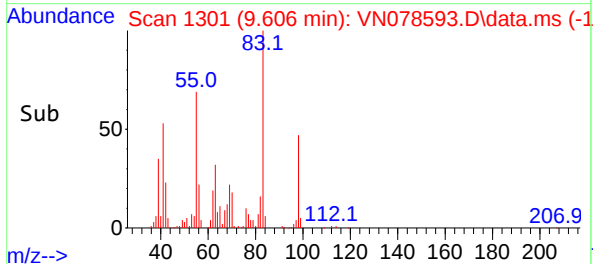
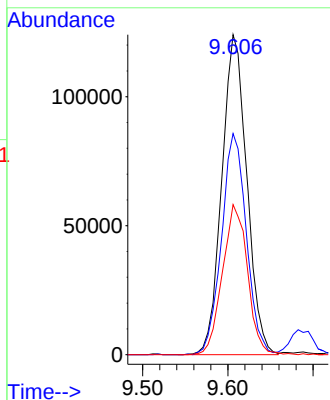
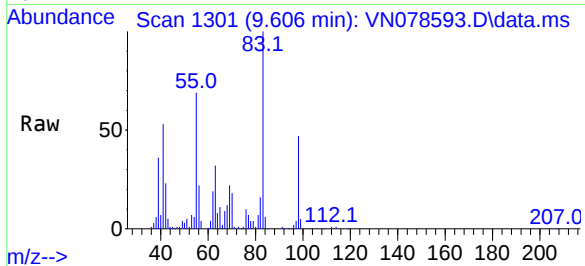
Tgt Ion: 83 Resp: 253074
 Ion Ratio Lower Upper
 83 100
 55 69.1 49.1 73.7
 98 46.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#40

Benzene

Concen: 25.516 ug/l

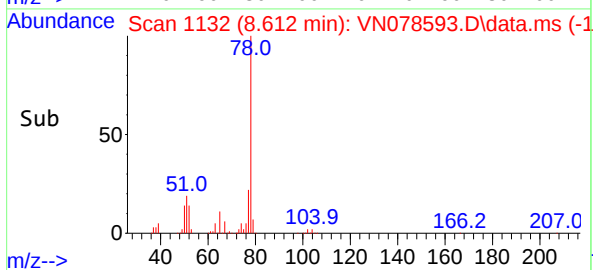
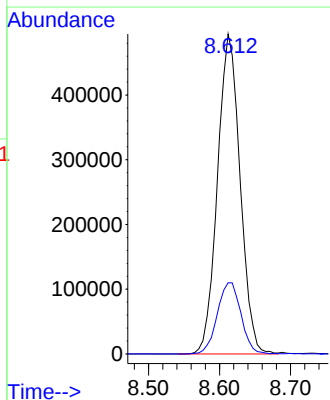
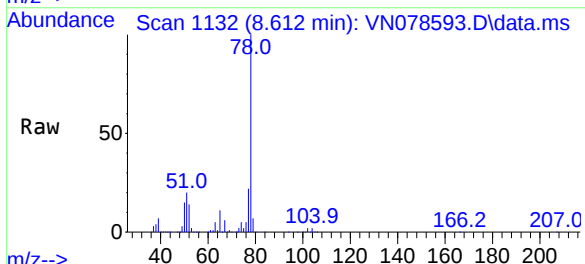
RT: 8.612 min Scan# 1132

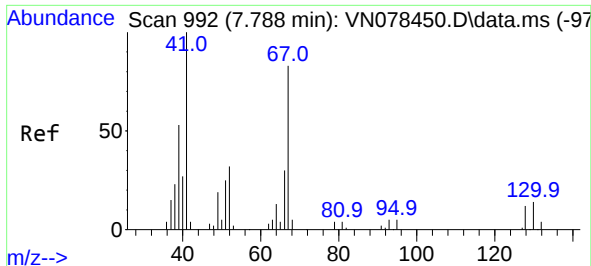
Delta R.T. -0.000 min

Lab File: VN078593.D

Acq: 20 Jul 2023 14:46

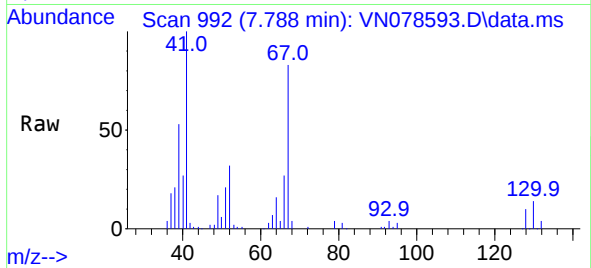
Tgt Ion: 78 Resp: 1091139
 Ion Ratio Lower Upper
 78 100
 77 22.3 19.0 28.6





#41
Methacrylonitrile
Concen: 28.149 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

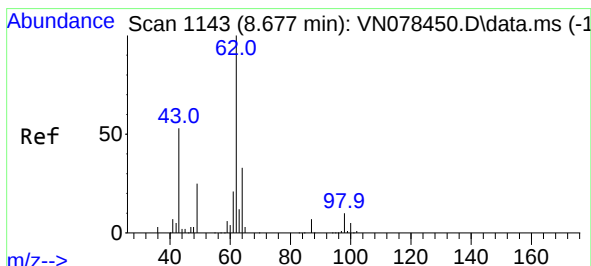
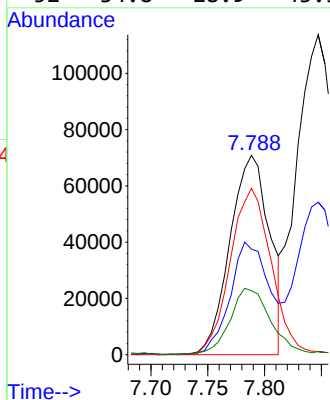
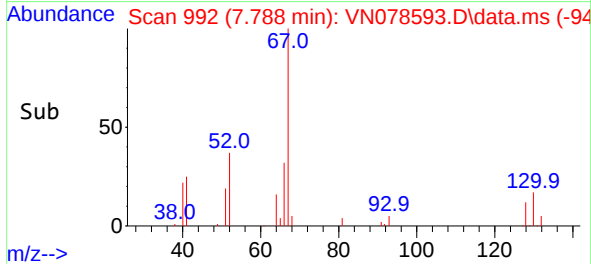
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 41 Resp: 172669
Ion Ratio Lower Upper
41 100
39 54.9 42.6 64.0
67 87.1 77.5 116.3
52 34.8 28.9 43.3

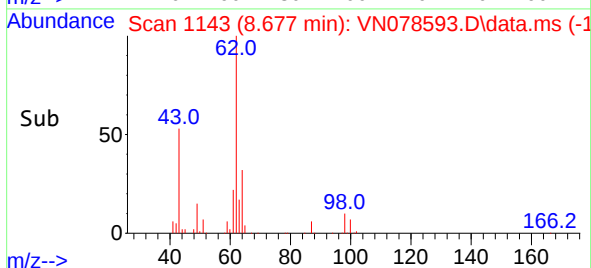
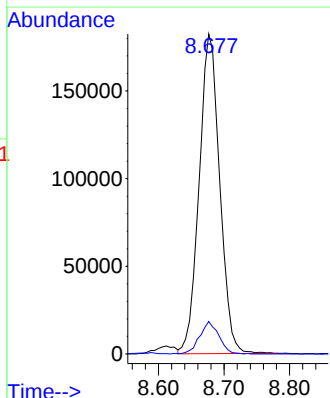
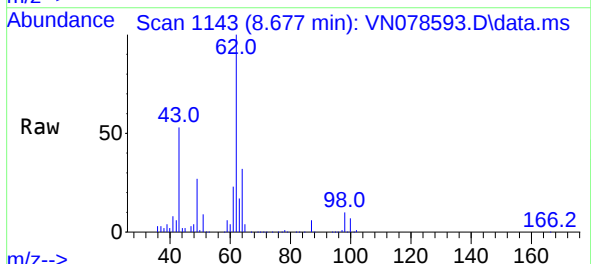
Manual Integrations
APPROVED

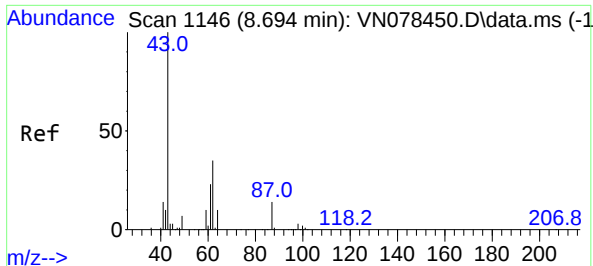
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#42
1,2-Dichloroethane
Concen: 27.384 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

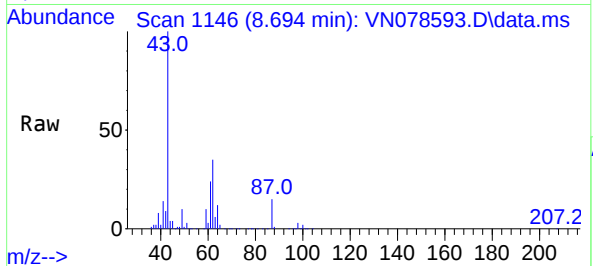
Tgt Ion: 62 Resp: 398300
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 28.787 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

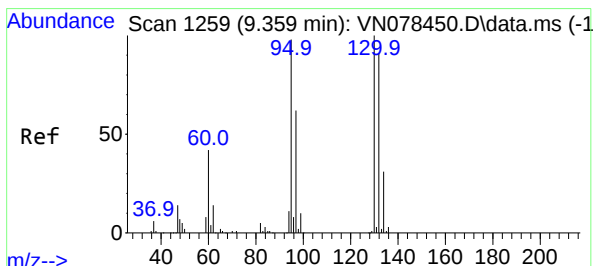
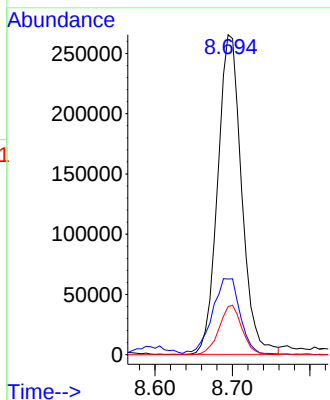
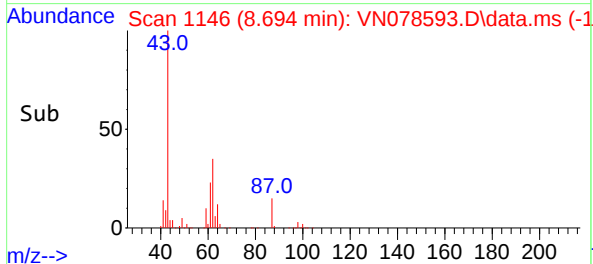
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 43 Resp: 570278
Ion Ratio Lower Upper
43 100
61 27.7 24.7 37.1
87 14.8 14.6 21.8

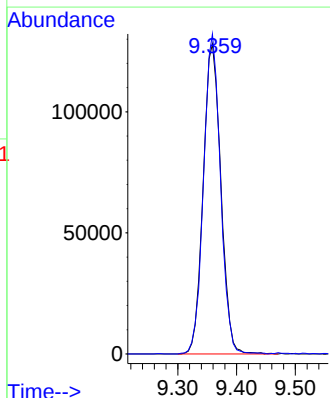
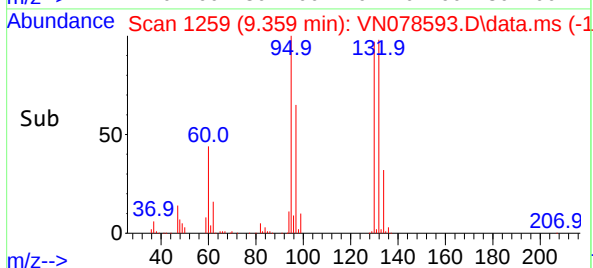
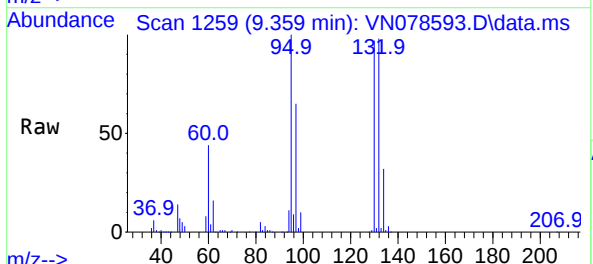
Manual Integrations
APPROVED

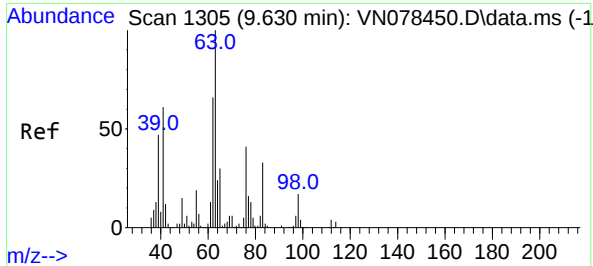
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#44
Trichloroethene
Concen: 23.131 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

Tgt Ion:130 Resp: 266590
Ion Ratio Lower Upper
130 100
95 103.2 0.0 204.6





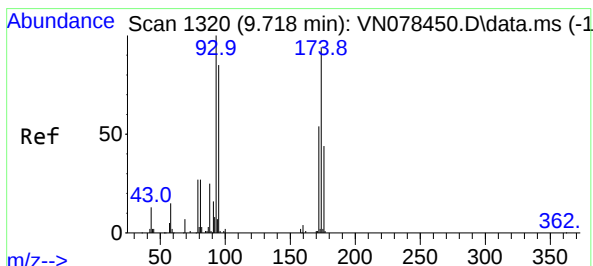
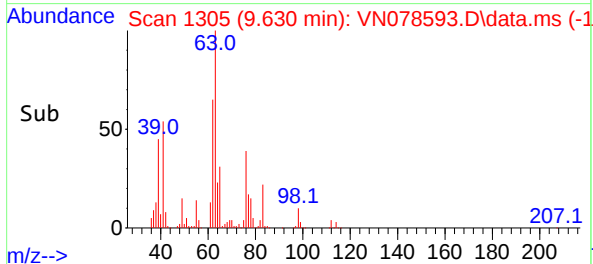
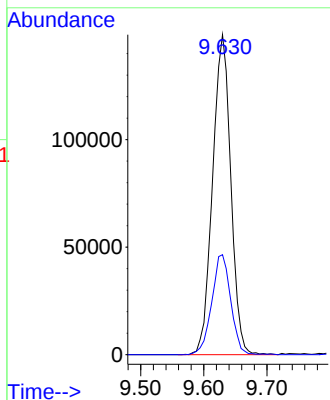
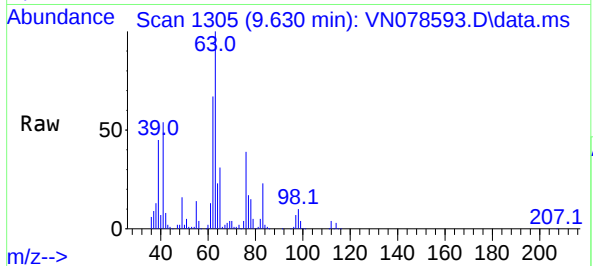
#45
1,2-Dichloropropane
Concen: 27.471 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 63 Resp: 297532
Ion Ratio Lower Upper
63 100
65 31.3 23.9 35.9

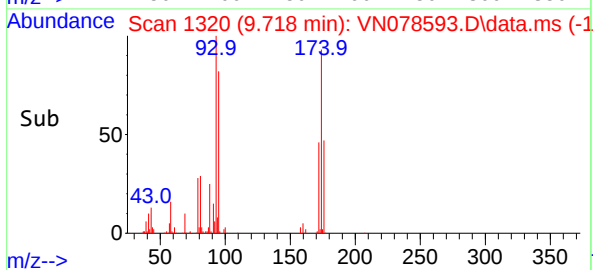
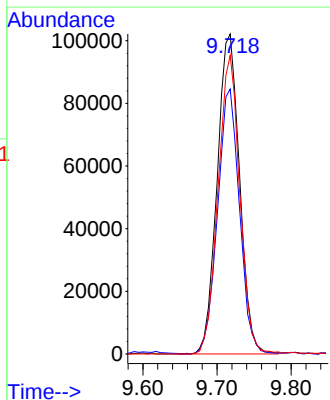
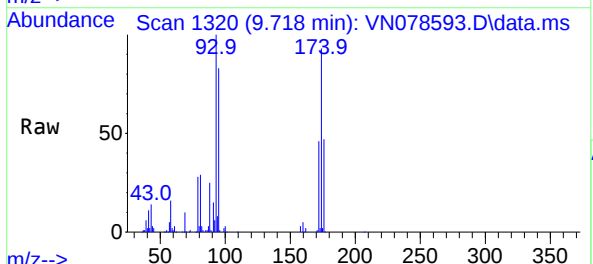
Manual Integrations
APPROVED

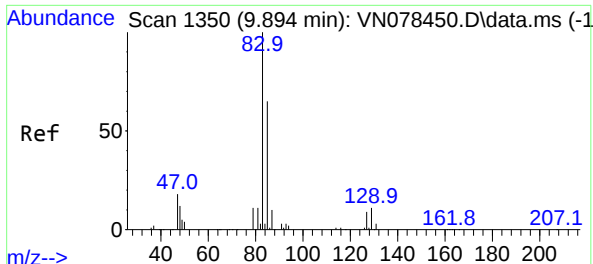
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#46
Dibromomethane
Concen: 28.082 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

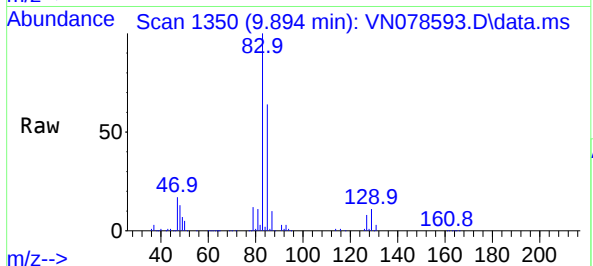
Tgt Ion: 93 Resp: 214066
Ion Ratio Lower Upper
93 100
95 81.3 63.8 95.8
174 90.7 65.6 98.4





#47
Bromodichloromethane
Concen: 27.600 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

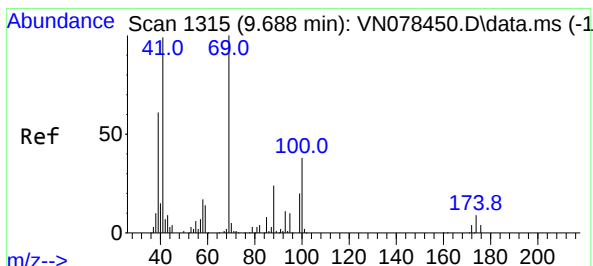
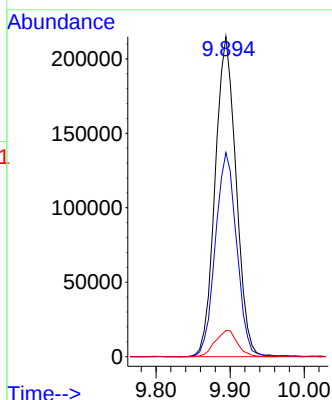
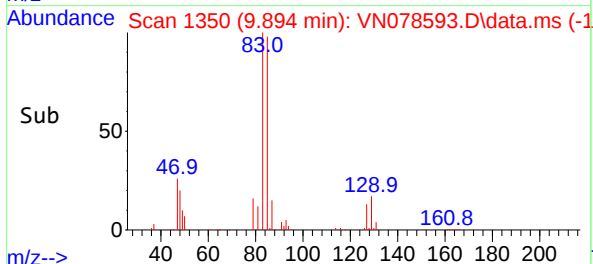
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 83 Resp: 42174
Ion Ratio Lower Upper
83 100
85 63.8 49.6 74.4
127 8.2 7.0 10.6

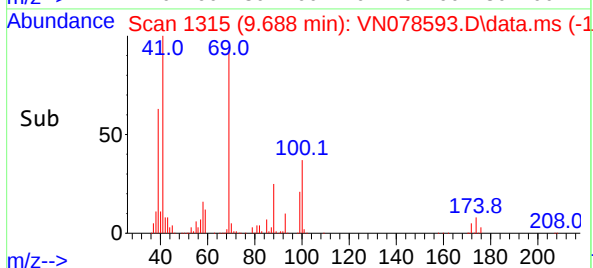
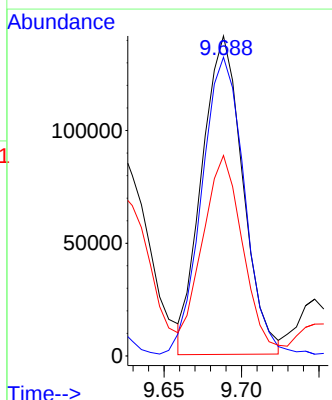
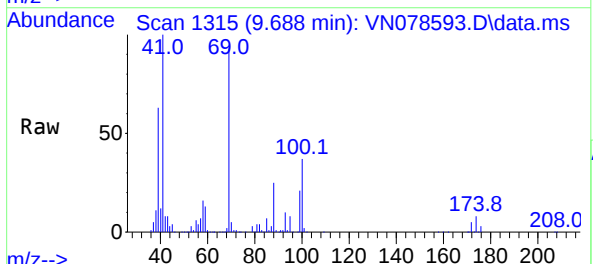
Manual Integrations
APPROVED

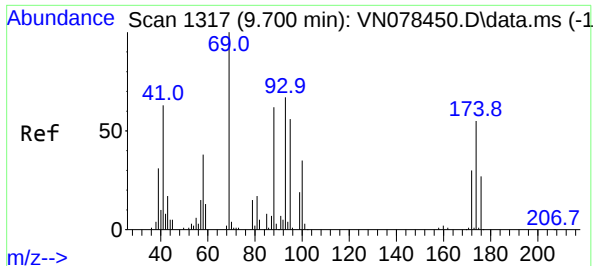
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#48
Methyl methacrylate
Concen: 28.282 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

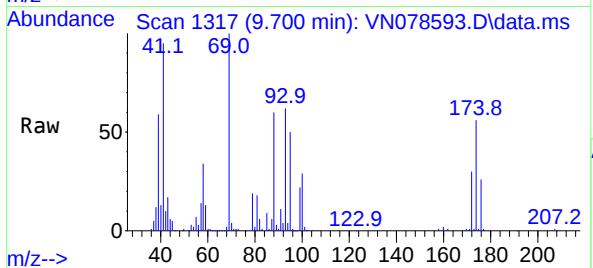
Tgt Ion: 41 Resp: 259565
Ion Ratio Lower Upper
41 100
69 98.7 90.4 135.6
39 62.9 54.6 81.8





#49
1,4-Dioxane
Concen: 550.127 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

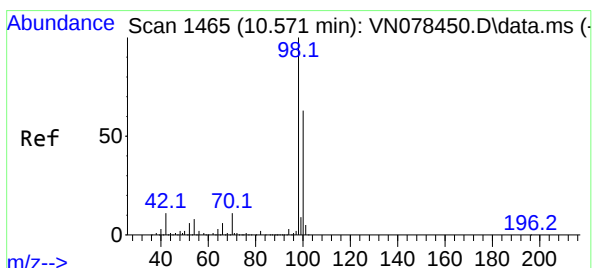
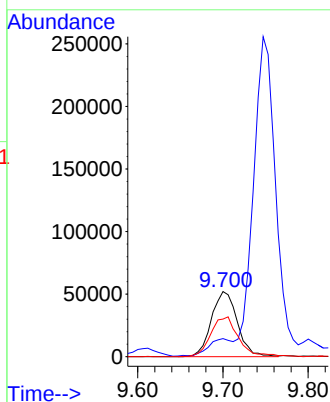
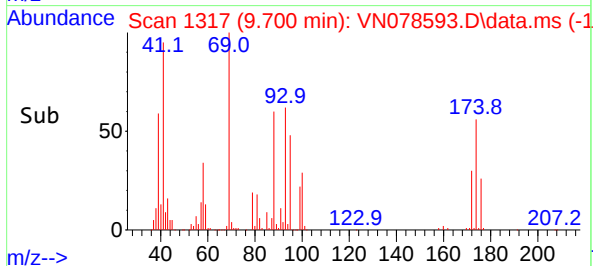
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 88 Resp: 110109
Ion Ratio Lower Upper
88 100
43 24.5 17.0 25.6
58 65.9 47.0 70.4

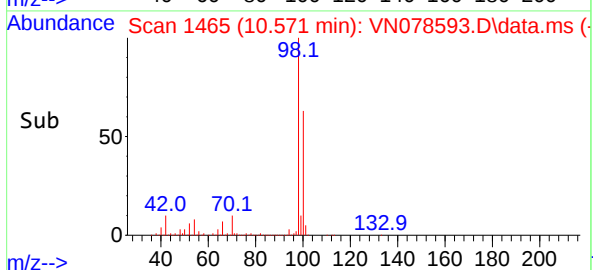
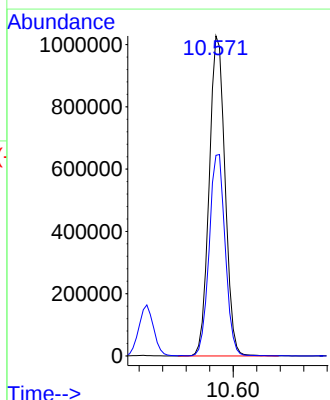
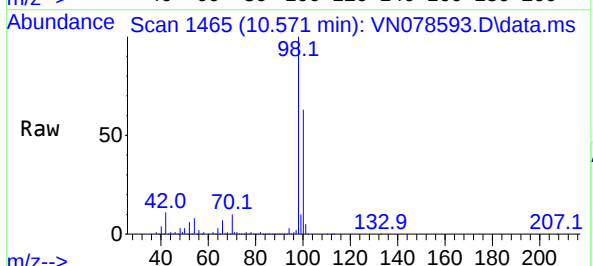
Manual Integrations
APPROVED

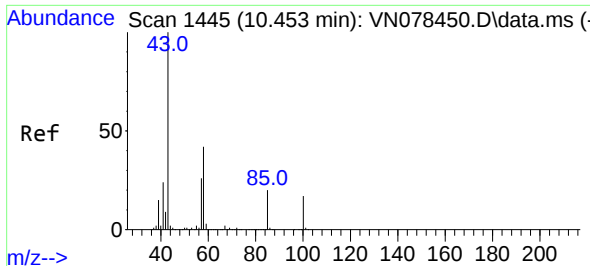
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#50
Toluene-d8
Concen: 50.941 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

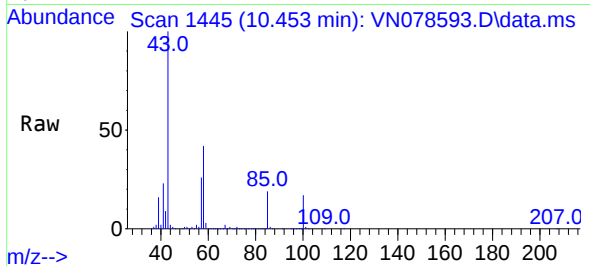
Tgt Ion: 98 Resp: 1923753
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 146.283 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

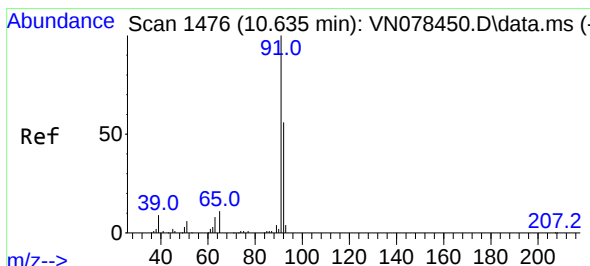
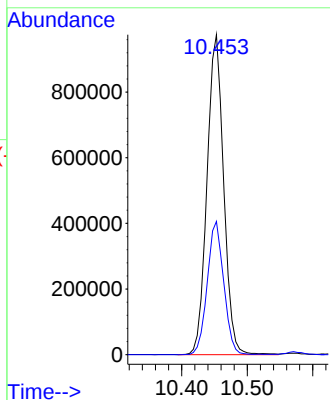
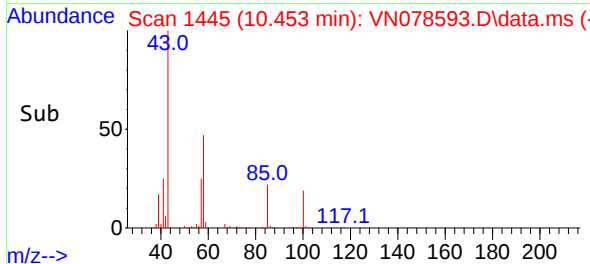
Instrument :
MSVOA_N
ClientSampleId :
IBLK



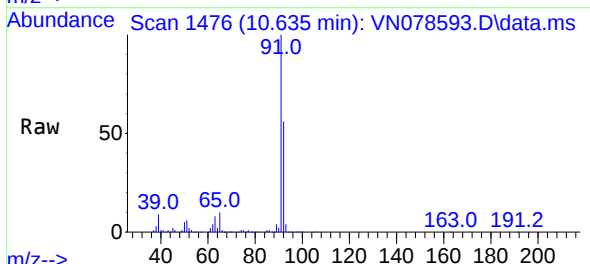
Tgt Ion: 43 Resp: 1723698
Ion Ratio Lower Upper
43 100
58 41.2 36.6 54.8

Manual Integrations
APPROVED

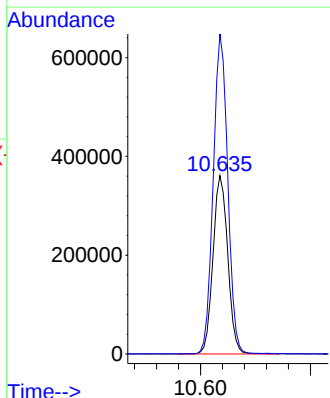
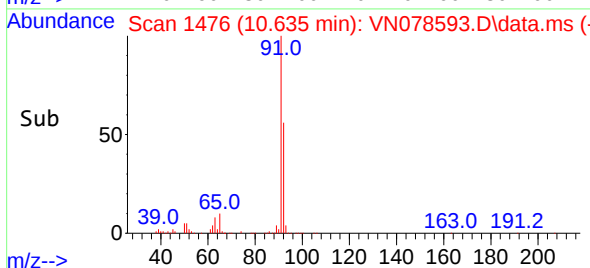
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

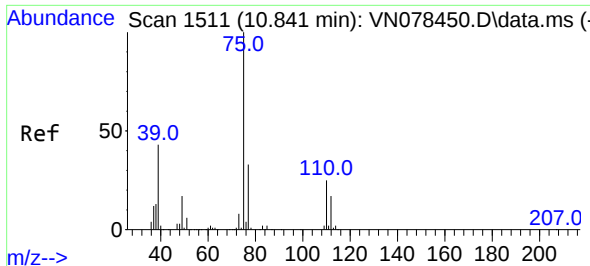


#52
Toluene
Concen: 25.375 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



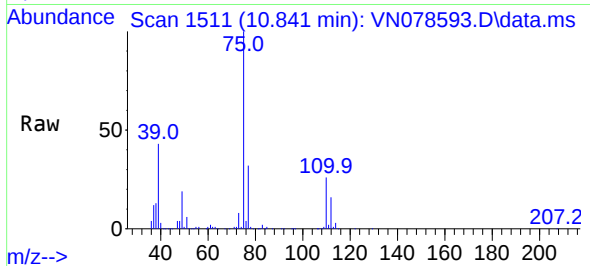
Tgt Ion: 92 Resp: 672512
Ion Ratio Lower Upper
92 100
91 176.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 27.658 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

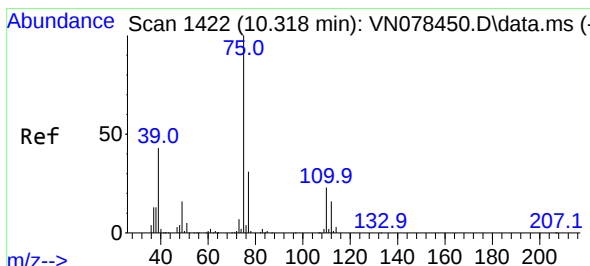
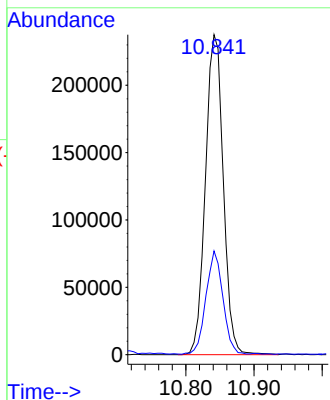
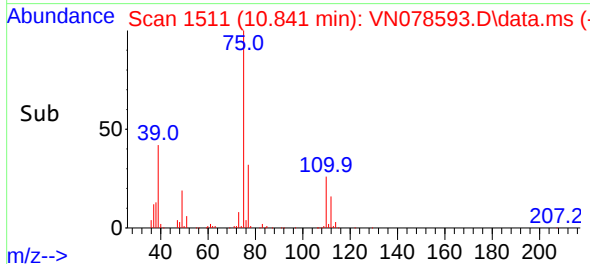
Instrument :
MSVOA_N
ClientSampleId :
IBLK



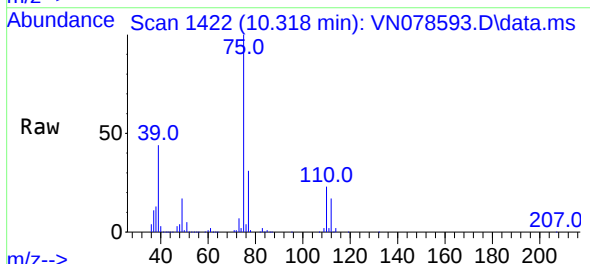
Tgt Ion: 75 Resp: 432970
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0

Manual Integrations
APPROVED

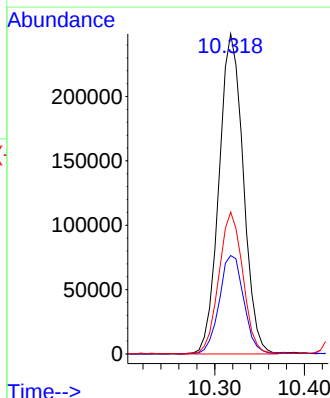
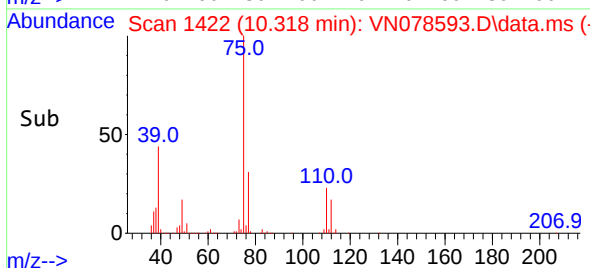
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

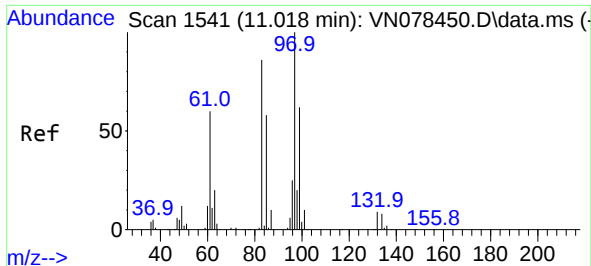


#54
cis-1,3-Dichloropropene
Concen: 28.013 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



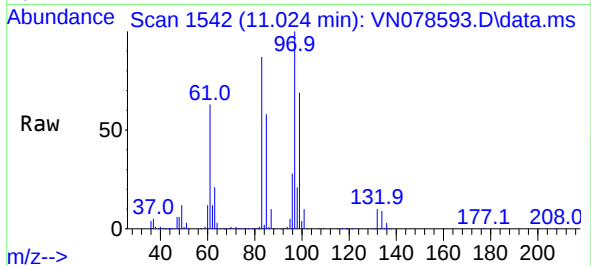
Tgt Ion: 75 Resp: 467447
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1
39 44.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 28.056 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

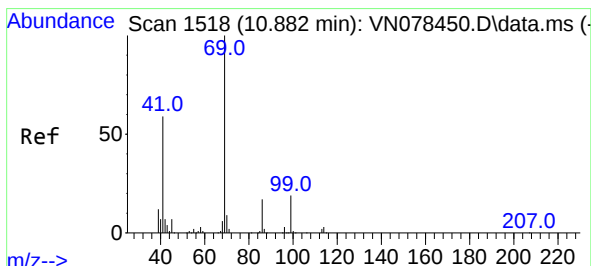
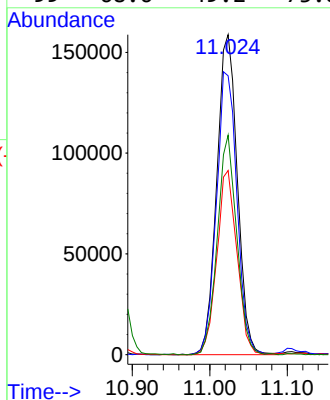
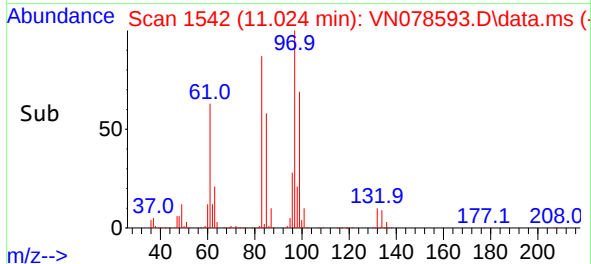


Tgt Ion: 97 Resp: 29296

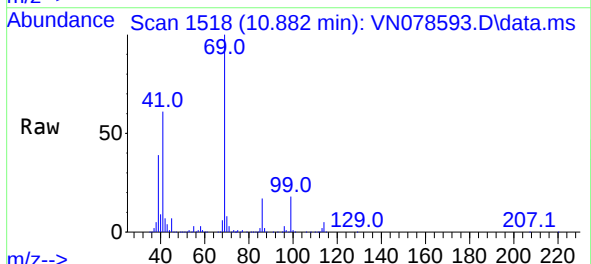
Ion	Ratio	Lower	Upper
97	100		
83	87.1	65.1	97.7
85	57.6	43.4	65.2
99	68.6	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

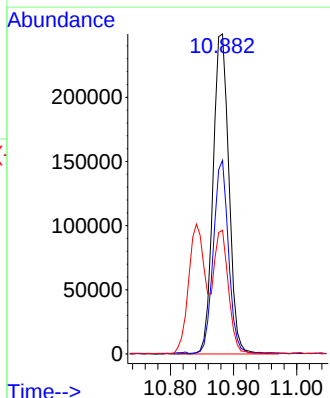
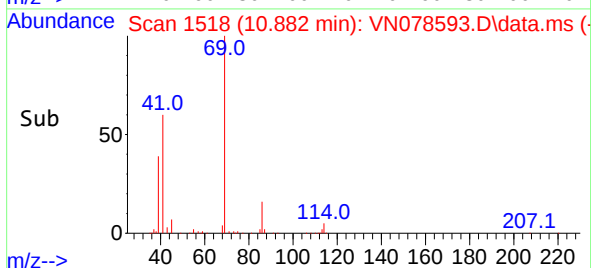


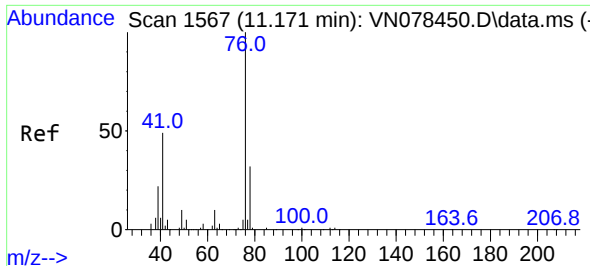
#56
Ethyl methacrylate
Concen: 29.778 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



Tgt Ion: 69 Resp: 434661

Ion	Ratio	Lower	Upper
69	100		
41	57.7	39.6	59.4
39	32.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 27.910 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078593.D

Acq: 20 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion: 76 Resp: 49553

Ion Ratio Lower Upper

76 100

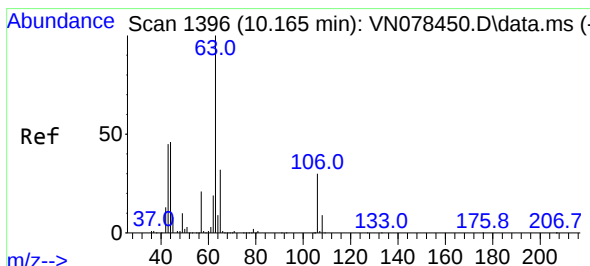
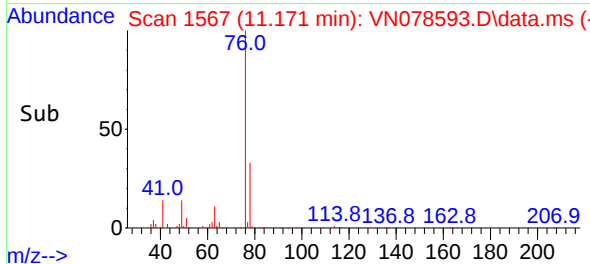
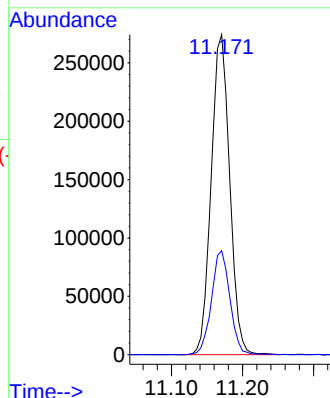
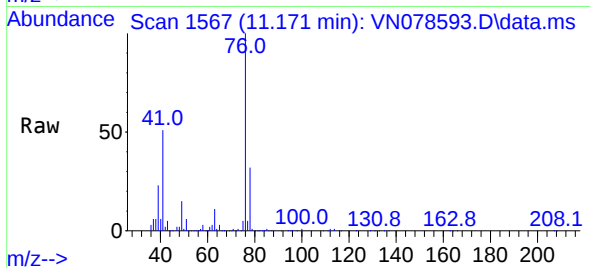
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 144.276 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078593.D

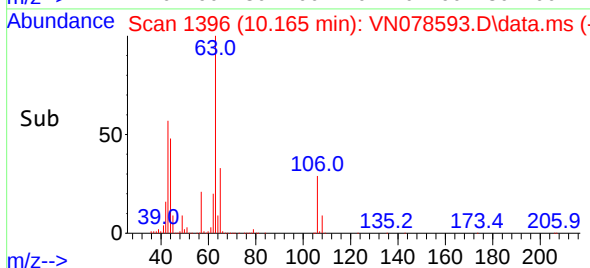
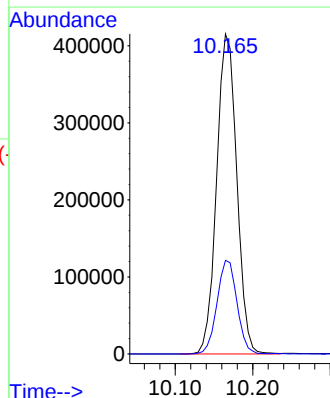
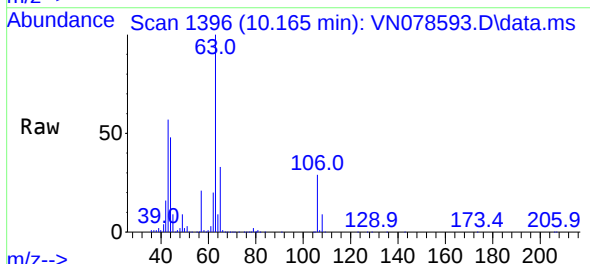
Acq: 20 Jul 2023 14:46

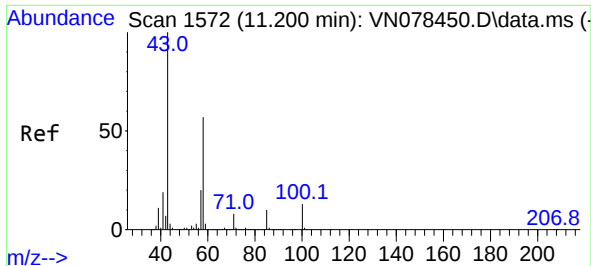
Tgt Ion: 63 Resp: 750516

Ion Ratio Lower Upper

63 100

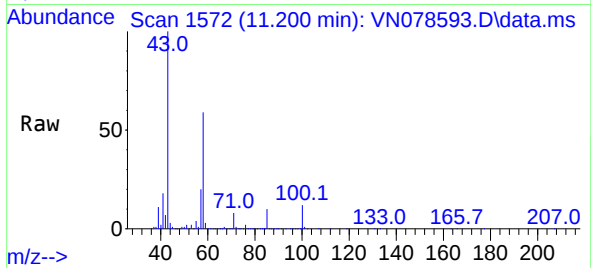
106 29.0 26.2 39.4





#59
2-Hexanone
Concen: 143.908 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

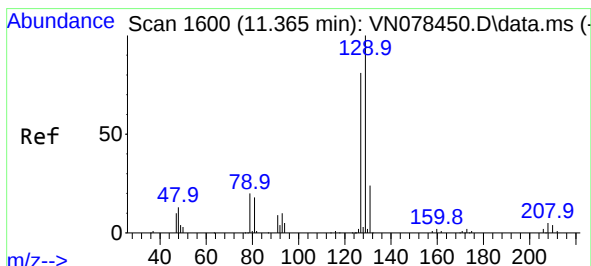
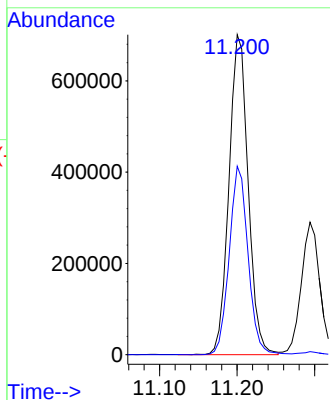
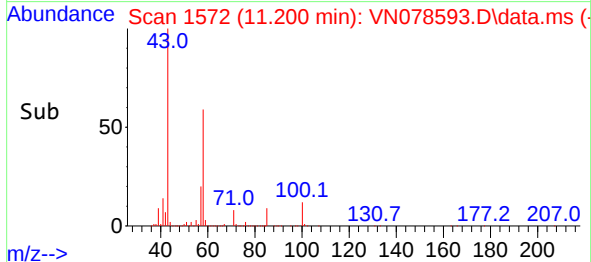
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 43 Resp: 1205164
Ion Ratio Lower Upper
43 100
58 58.0 31.7 95.1

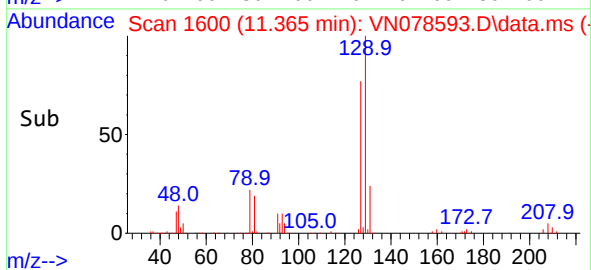
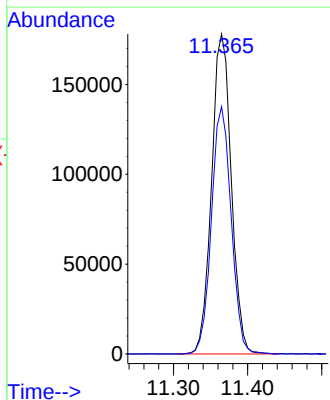
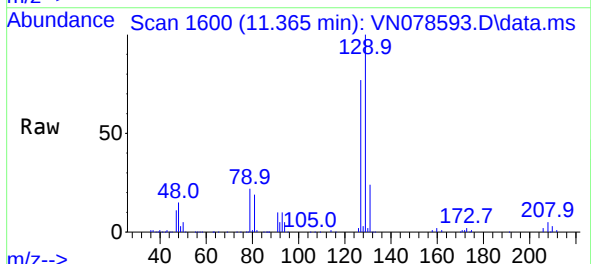
Manual Integrations
APPROVED

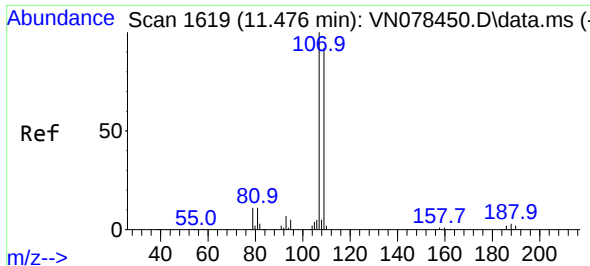
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#60
Dibromochloromethane
Concen: 28.542 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

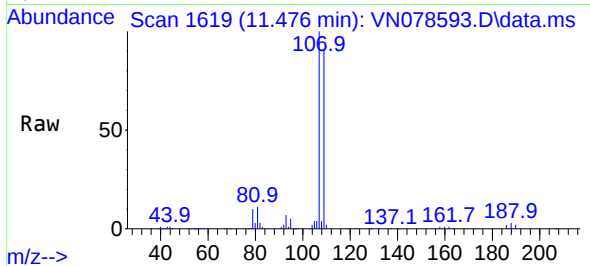
Tgt Ion:129 Resp: 329032
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 28.482 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

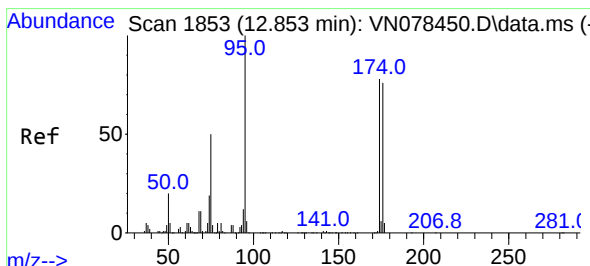
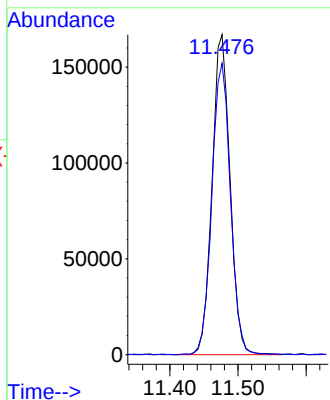
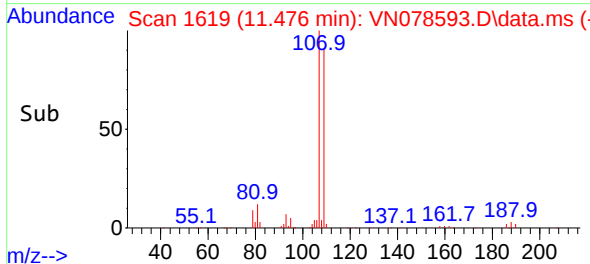
Instrument :
MSVOA_N
ClientSampleId :
IBLK



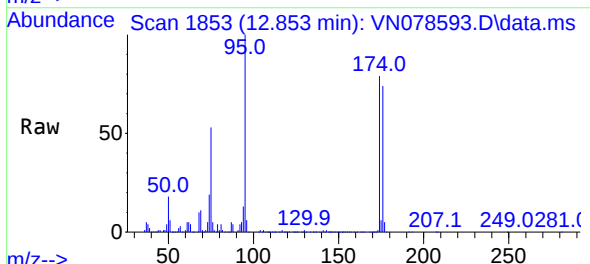
Tgt Ion:107 Resp: 306378
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

Manual Integrations
APPROVED

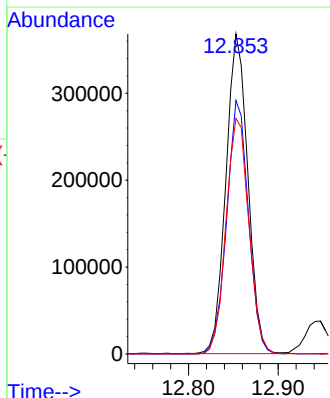
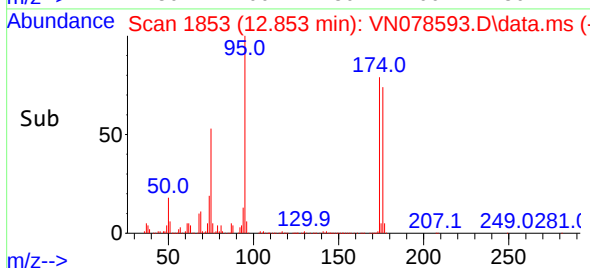
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

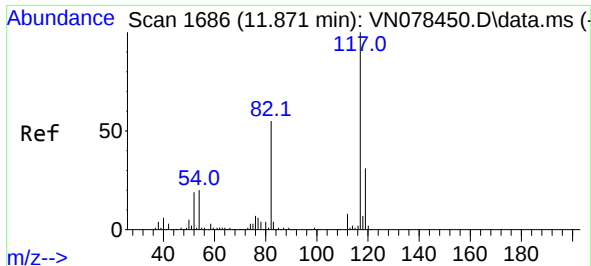


#62
4-Bromofluorobenzene
Concen: 53.649 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



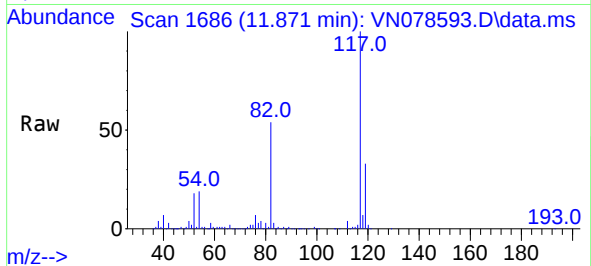
Tgt Ion: 95 Resp: 624052
Ion Ratio Lower Upper
95 100
174 78.7 0.0 143.8
176 76.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

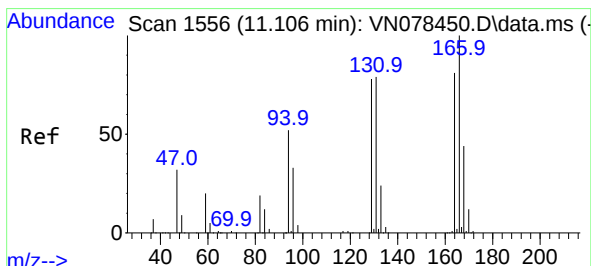
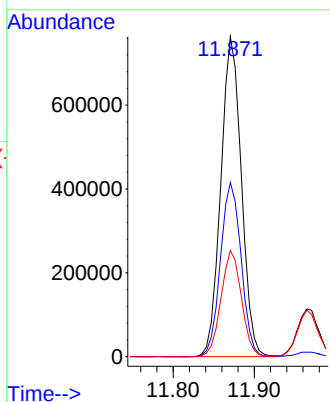
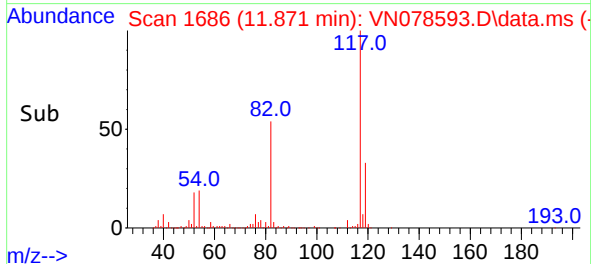
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:117 Resp: 1344752
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 33.2 25.6 38.4

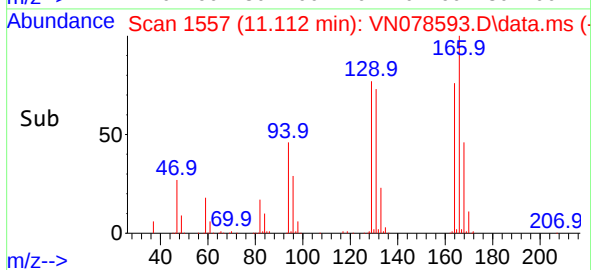
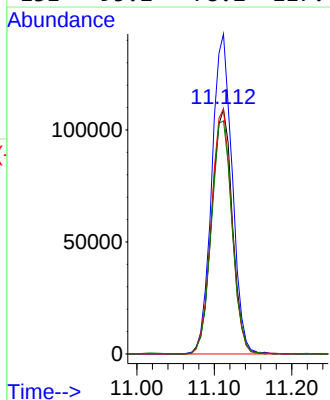
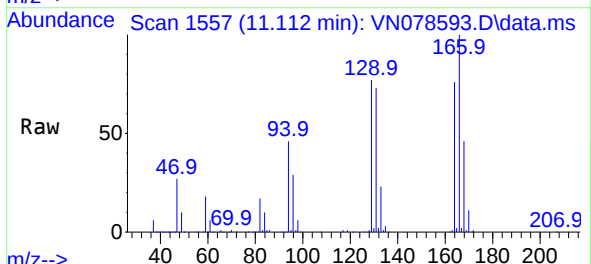
Manual Integrations
APPROVED

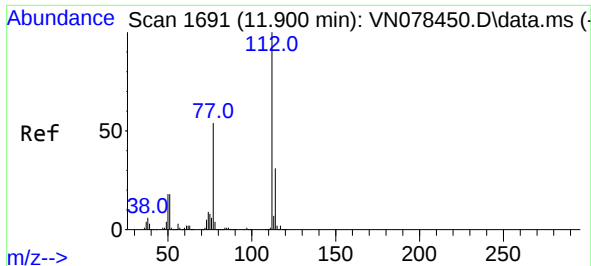
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#64
Tetrachloroethene
Concen: 20.091 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

Tgt Ion:164 Resp: 203125
Ion Ratio Lower Upper
164 100
166 130.7 101.4 152.0
129 100.1 82.4 123.6
131 95.2 78.2 117.4





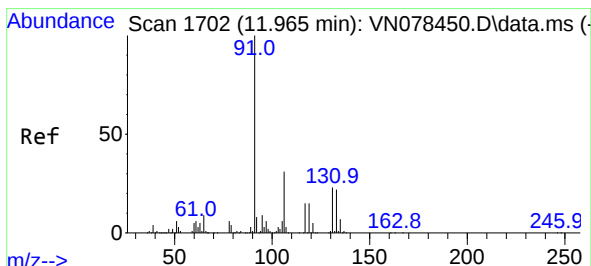
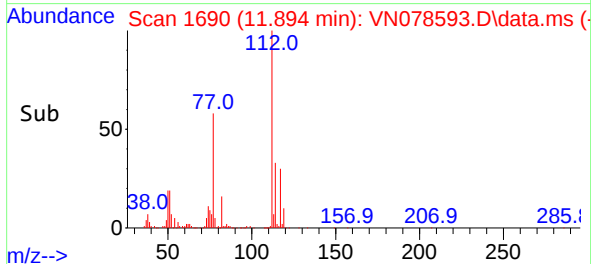
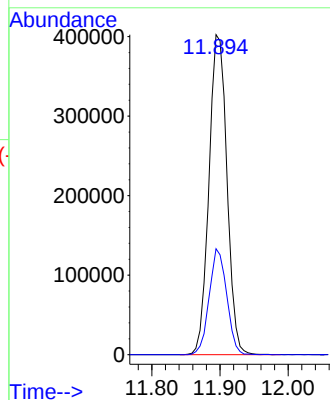
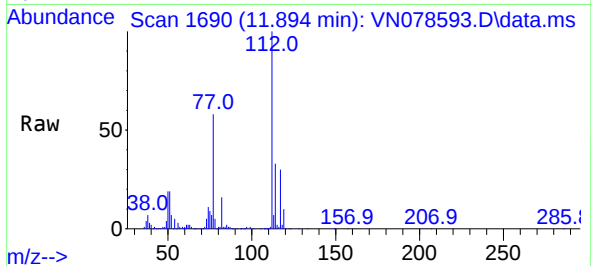
#65
Chlorobenzene
Concen: 24.589 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:112 Resp: 739094
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.4

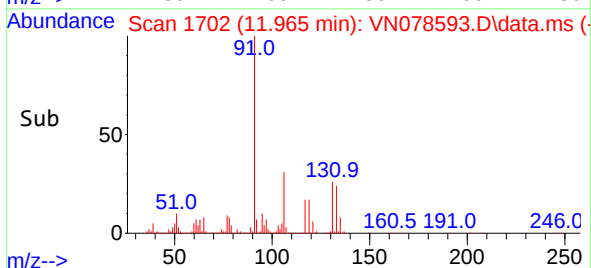
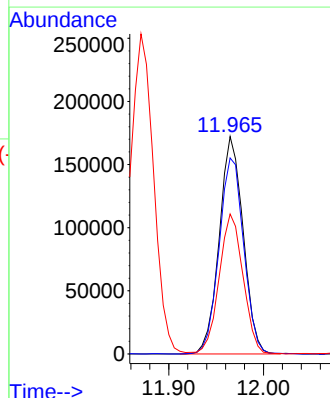
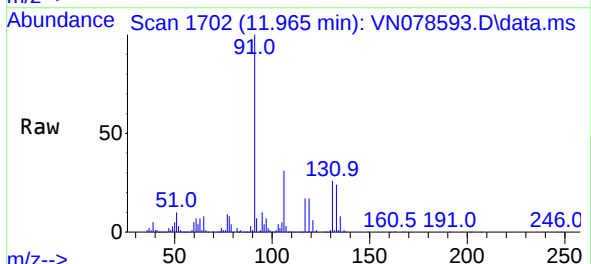
Manual Integrations
APPROVED

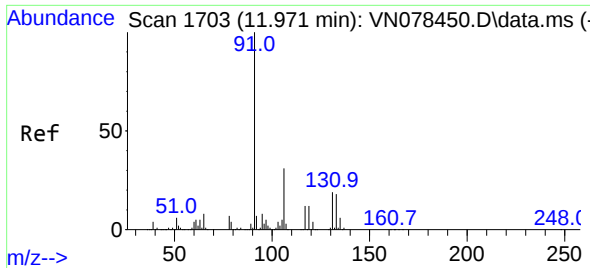
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 26.087 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

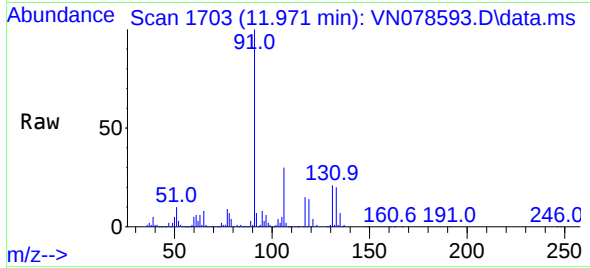
Tgt Ion:131 Resp: 301661
Ion Ratio Lower Upper
131 100
133 93.1 46.4 139.1
119 64.7 34.1 102.2





#67
Ethyl Benzene
Concen: 24.044 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

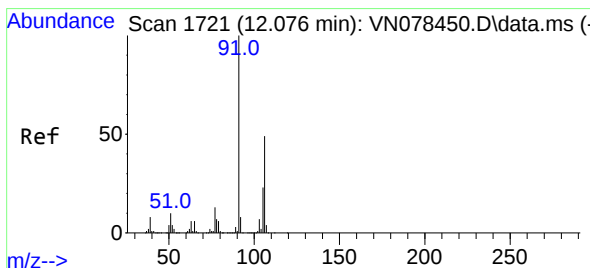
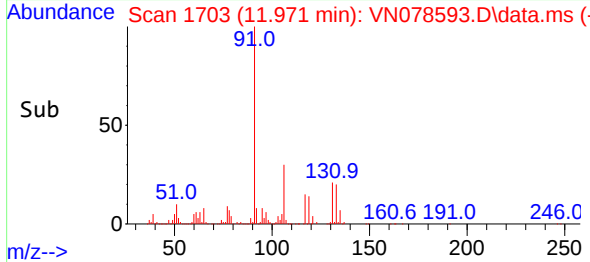
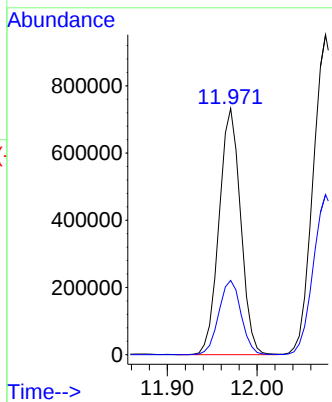
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 91 Resp: 122165
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4

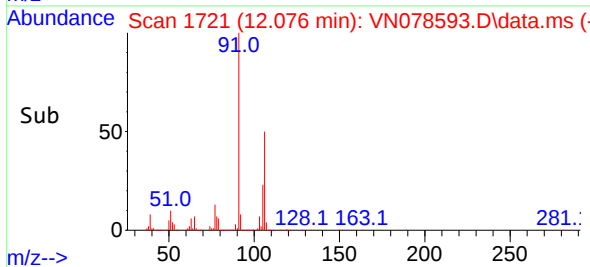
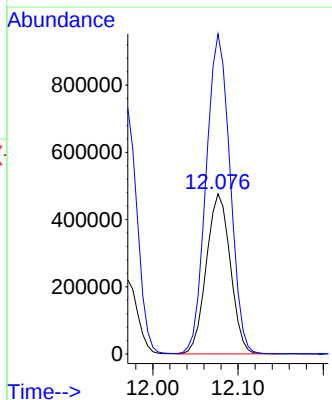
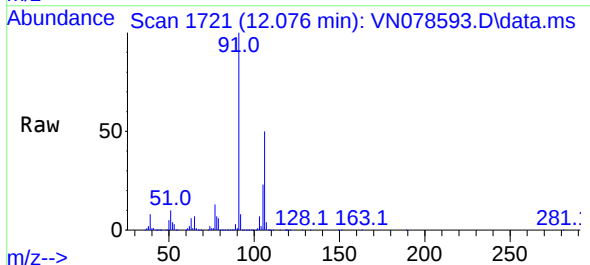
Manual Integrations
APPROVED

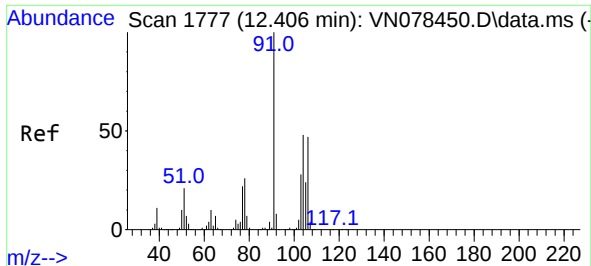
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#68
m/p-Xylenes
Concen: 49.519 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

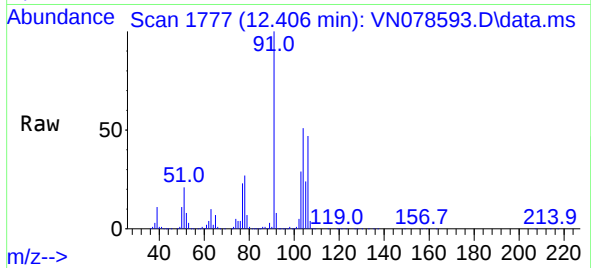
Tgt Ion:106 Resp: 930237
Ion Ratio Lower Upper
106 100
91 199.1 159.6 239.4





#69
o-Xylene
Concen: 24.591 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

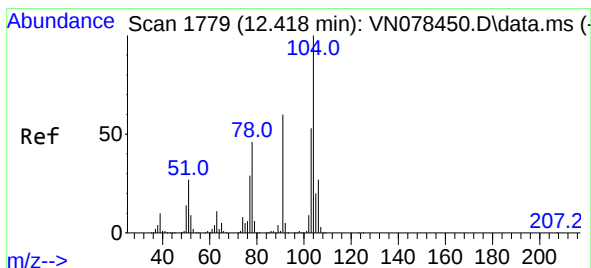
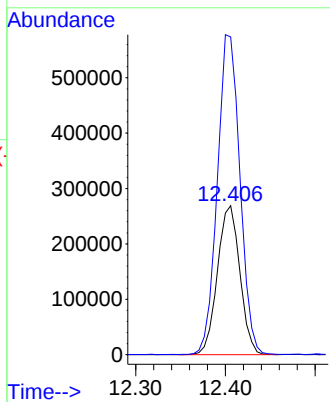
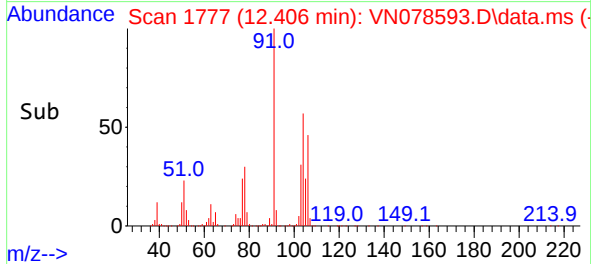
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:106 Resp: 466602
Ion Ratio Lower Upper
106 100
91 216.6 105.2 315.5

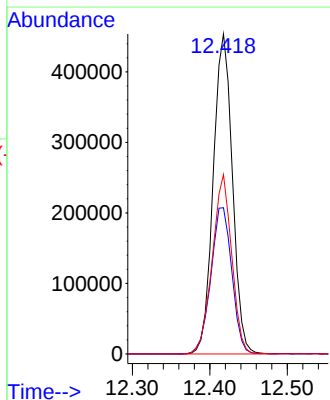
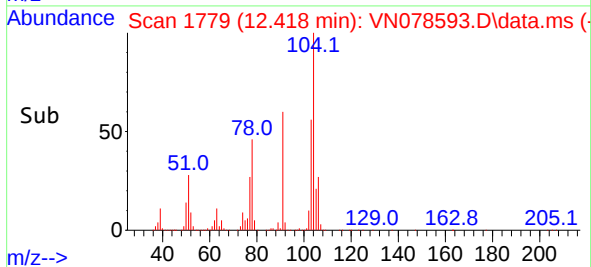
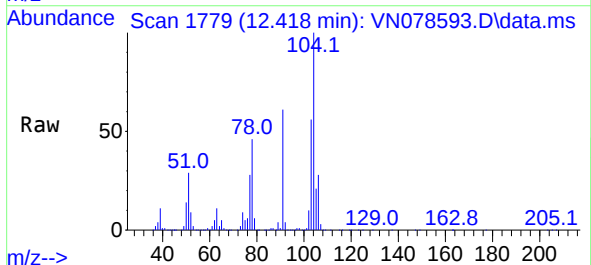
Manual Integrations
APPROVED

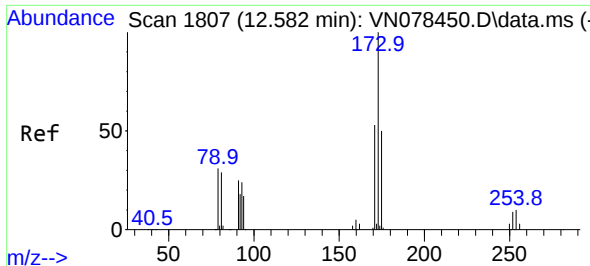
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#70
Styrene
Concen: 26.292 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

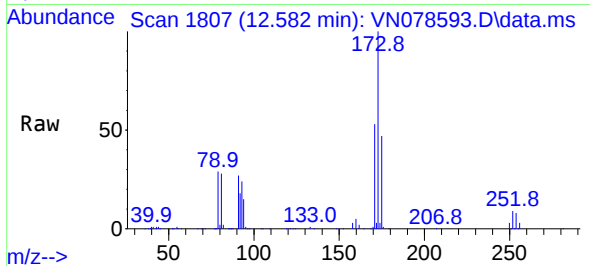
Tgt Ion:104 Resp: 780455
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 56.8 43.2 64.8





#71
Bromoform
Concen: 27.653 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

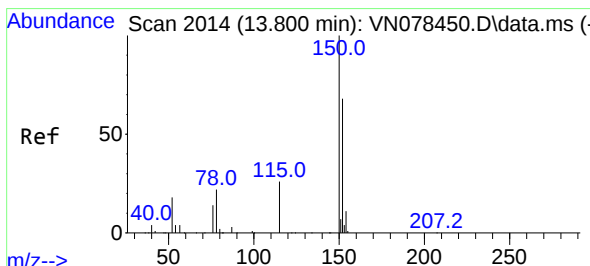
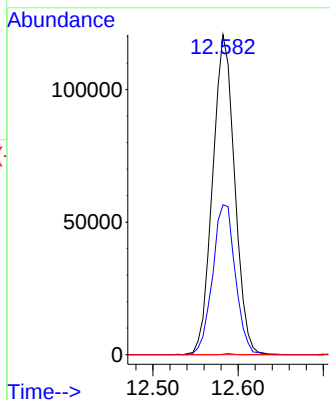
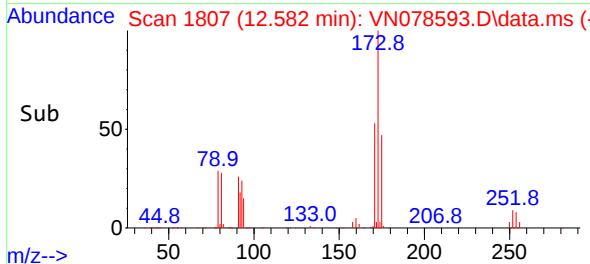
Instrument :
MSVOA_N
ClientSampleId :
IBLK



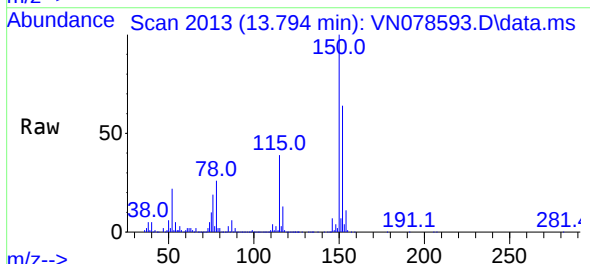
Tgt Ion:173 Resp: 21656
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
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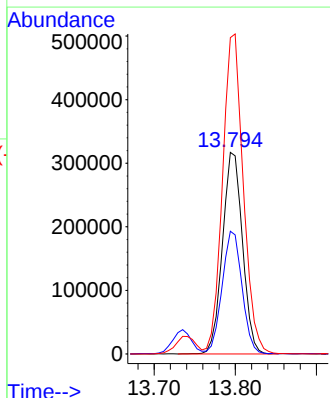
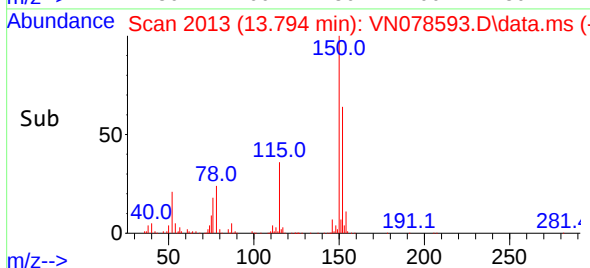
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

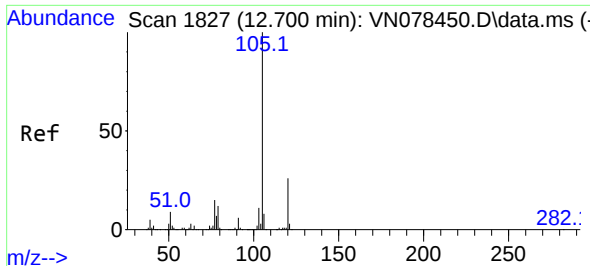


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



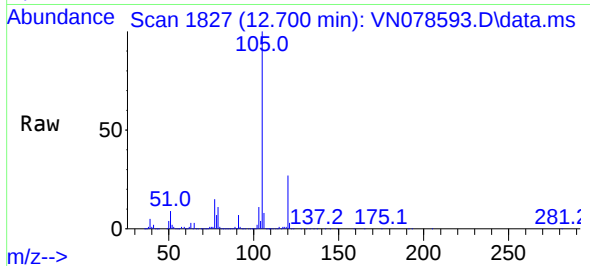
Tgt Ion:152 Resp: 543535
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 164.7 0.0 355.8





#73
Isopropylbenzene
Concen: 21.314 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

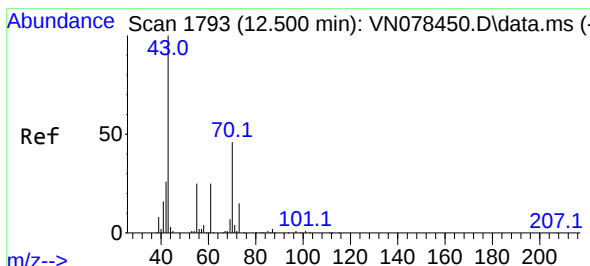
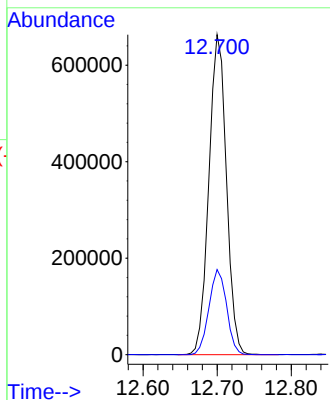
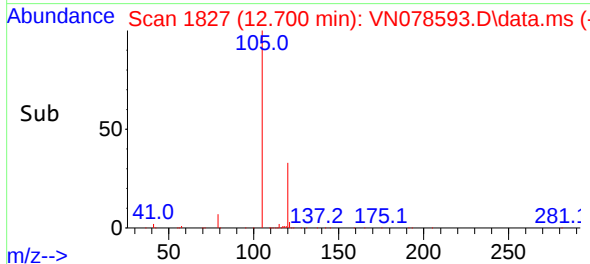
Instrument :
MSVOA_N
ClientSampleId :
IBLK



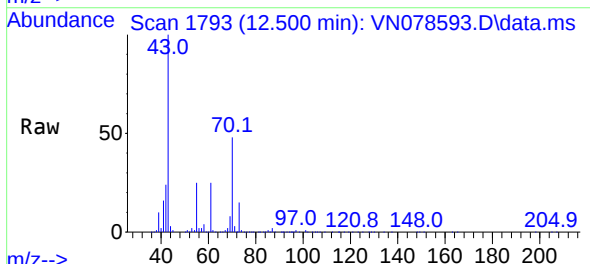
Tgt Ion:105 Resp: 108857
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

Manual Integrations
APPROVED

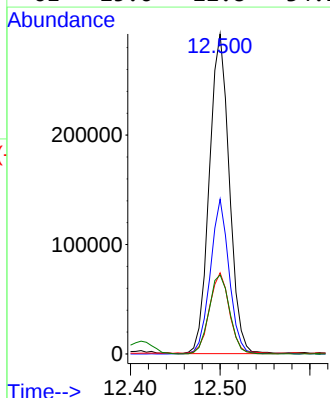
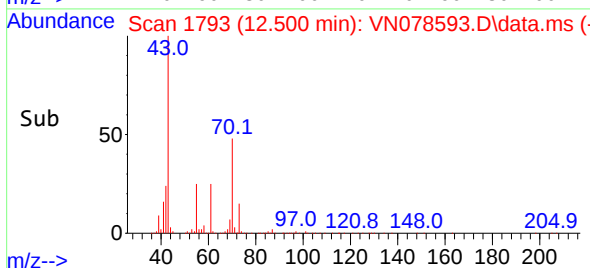
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

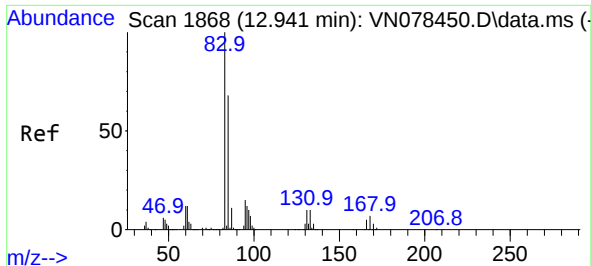


#74
N-ethyl acetate
Concen: 25.690 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



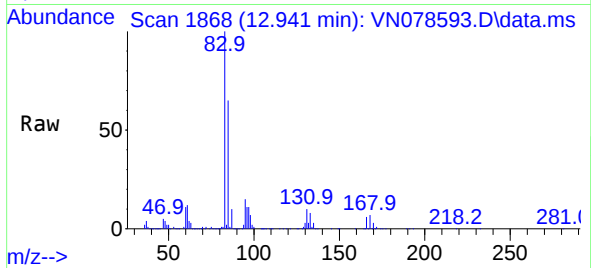
Tgt Ion: 43 Resp: 452168
Ion Ratio Lower Upper
43 100
70 45.7 43.4 65.2
55 25.2 21.4 32.0
61 25.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 28.391 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

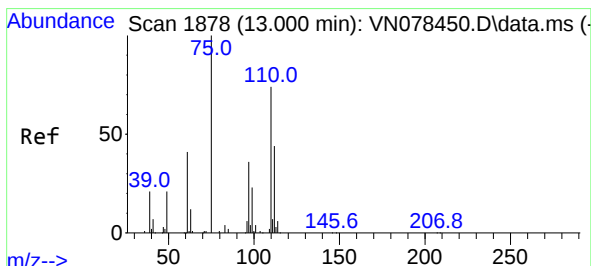
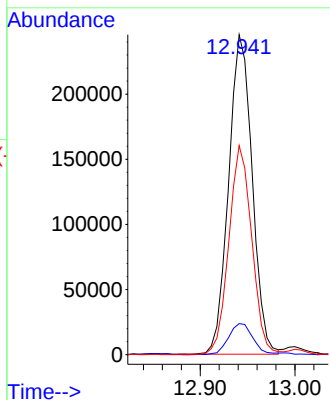
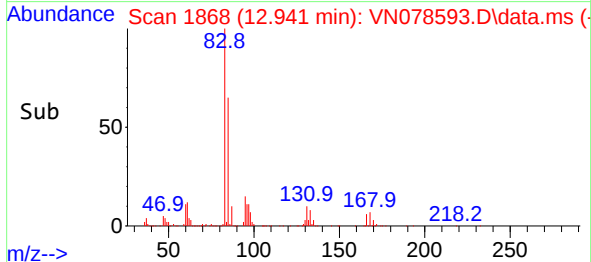
Instrument :
MSVOA_N
ClientSampleId :
IBLK



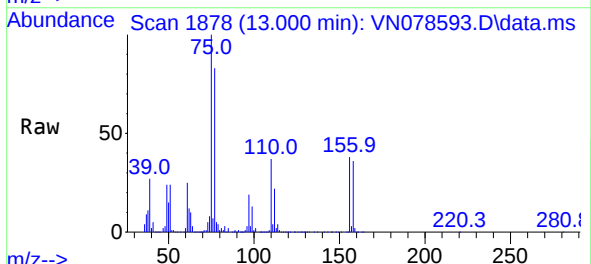
Tgt Ion: 83 Resp: 424090
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 63.9 31.9 95.7

Manual Integrations
APPROVED

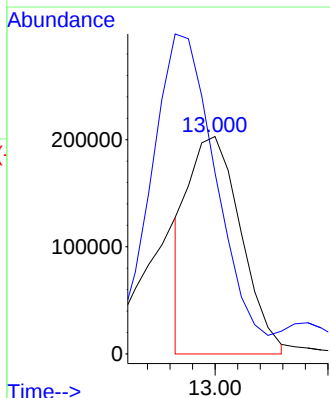
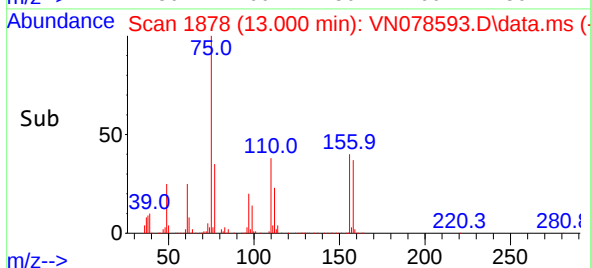
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

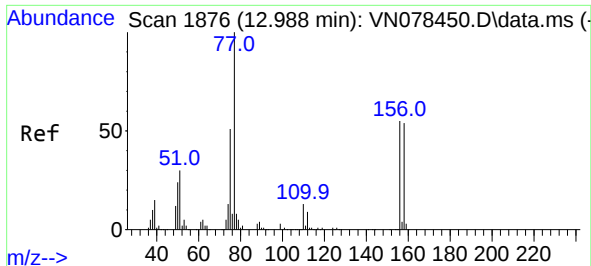


#76
1,2,3-Trichloropropane
Concen: 25.056 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



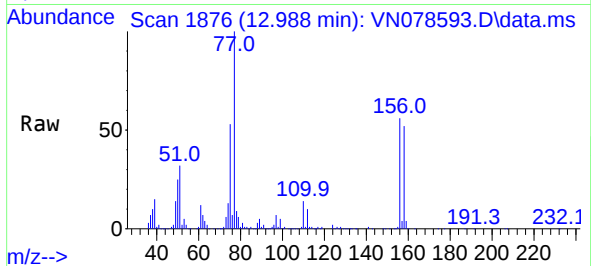
Tgt Ion: 75 Resp: 329180
Ion Ratio Lower Upper
75 100
77 184.0 84.5 253.5





#77
Bromobenzene
Concen: 26.206 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

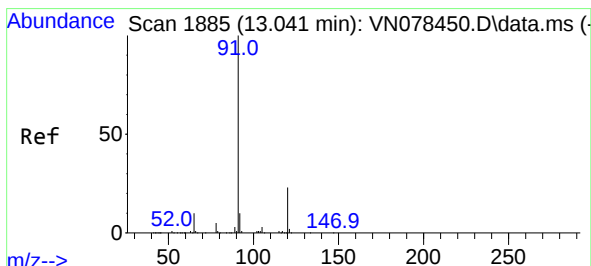
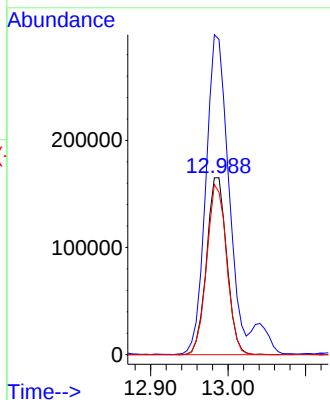
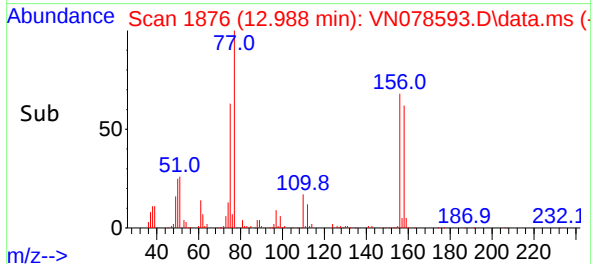
Instrument :
MSVOA_N
ClientSampleId :
IBLK



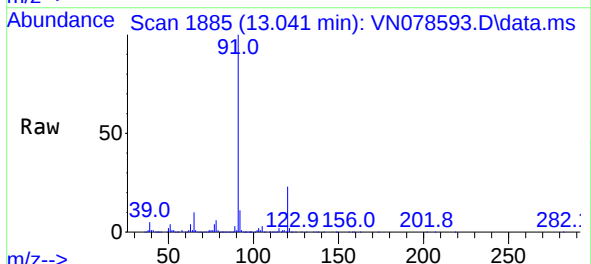
Tgt Ion:156 Resp: 29923
Ion Ratio Lower Upper
156 100
77 202.4 107.7 323.3
158 95.1 48.4 145.3

Manual Integrations
APPROVED

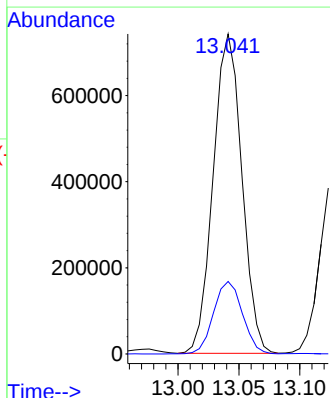
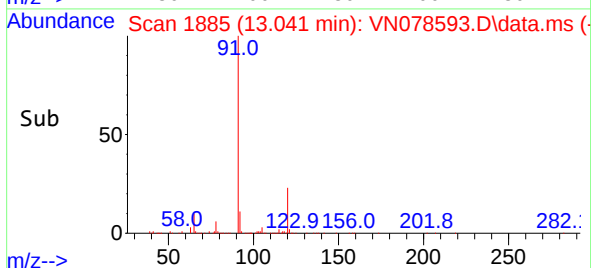
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

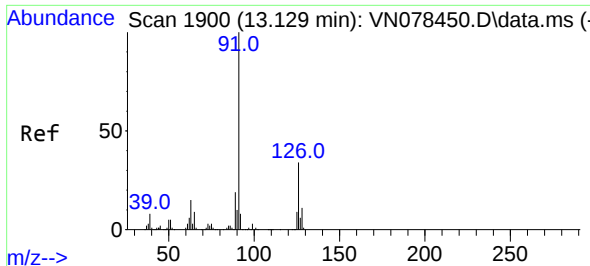


#78
n-propylbenzene
Concen: 22.246 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



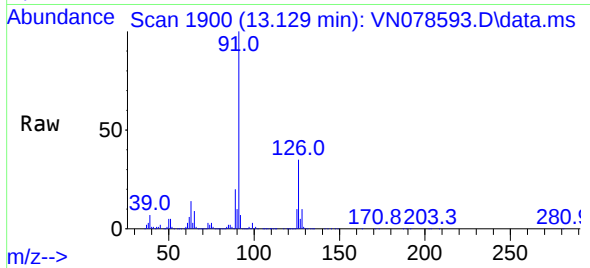
Tgt Ion: 91 Resp: 1215089
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 22.272 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

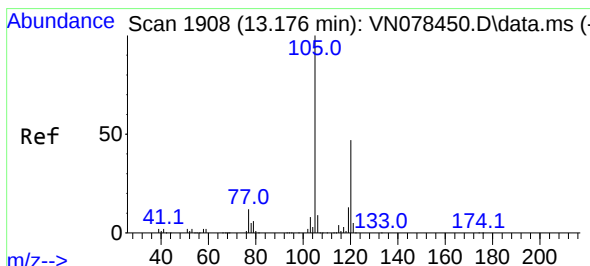
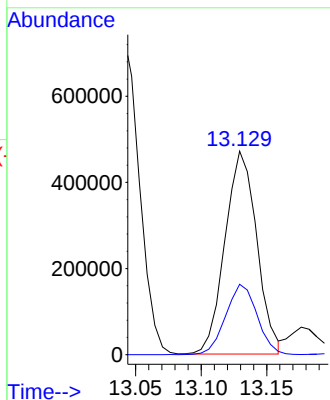
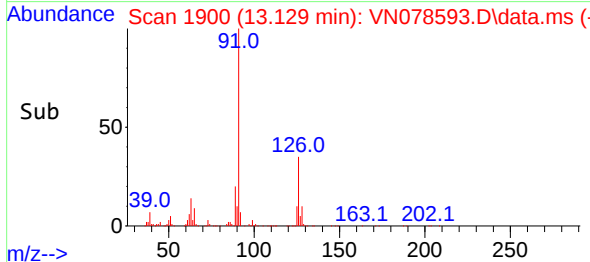
Instrument :
MSVOA_N
ClientSampleId :
IBLK



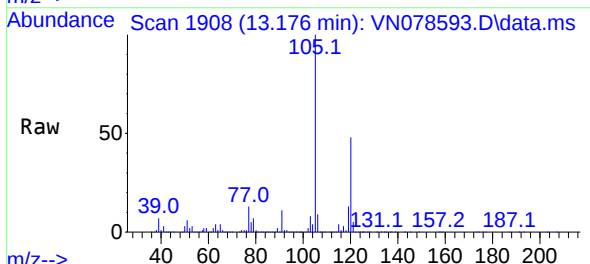
Tgt Ion: 91 Resp: 796818
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

Manual Integrations
APPROVED

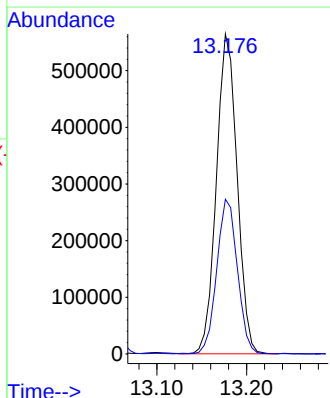
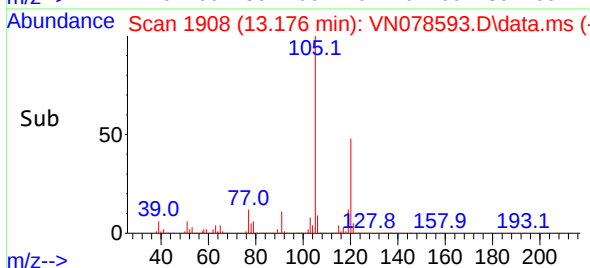
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

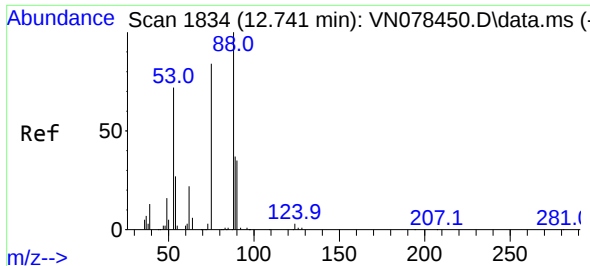


#80
1,3,5-Trimethylbenzene
Concen: 22.432 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



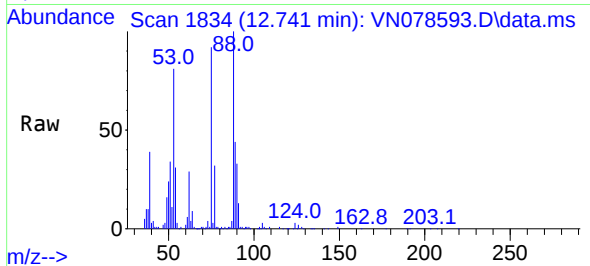
Tgt Ion:105 Resp: 905201
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 23.408 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

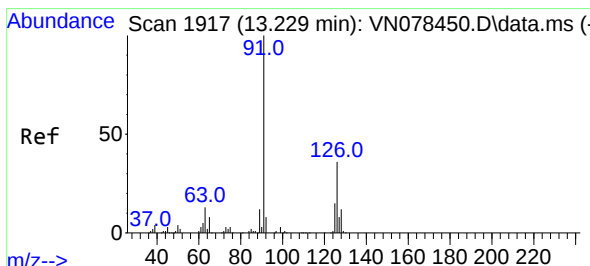
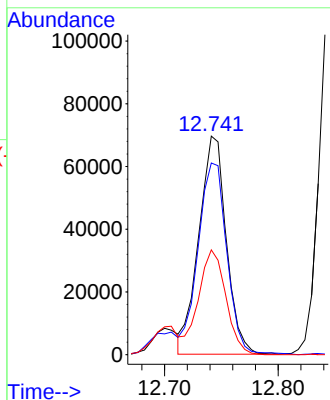
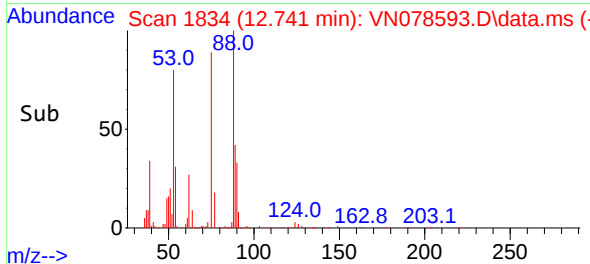
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 75 Resp: 117028
Ion Ratio Lower Upper
75 100
53 102.9 67.4 101.2
89 48.7 38.8 58.2

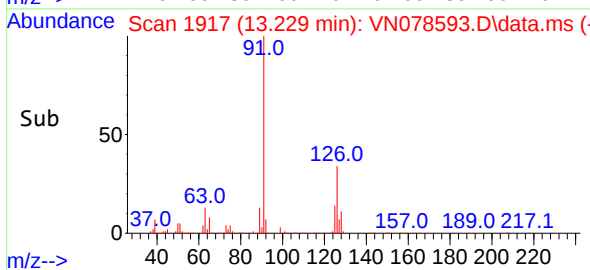
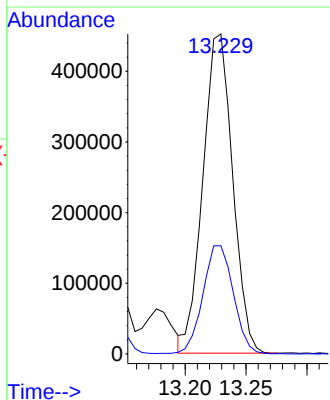
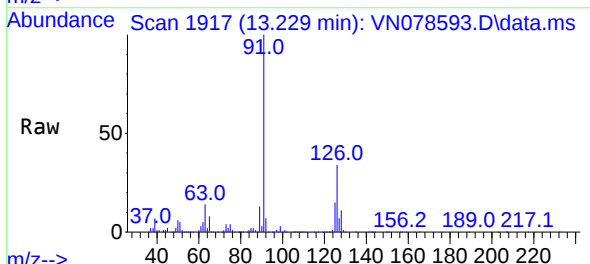
Manual Integrations
APPROVED

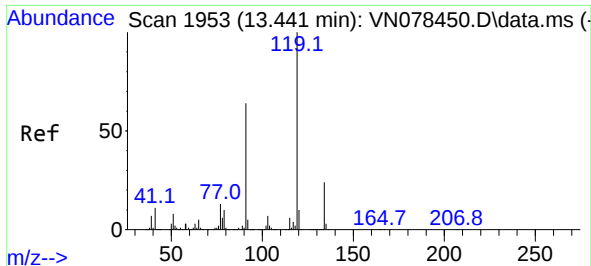
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#82
4-Chlorotoluene
Concen: 23.014 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

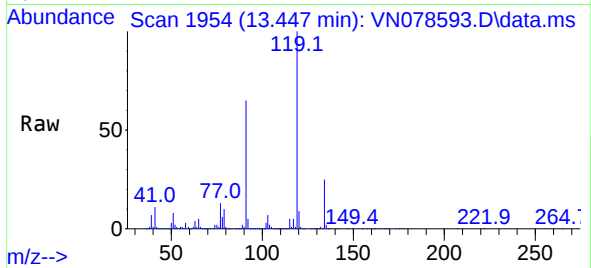
Tgt Ion: 91 Resp: 768096
Ion Ratio Lower Upper
91 100
126 34.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 21.712 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

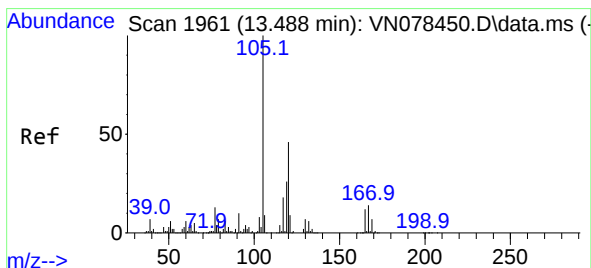
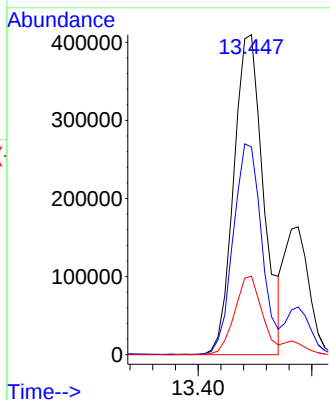
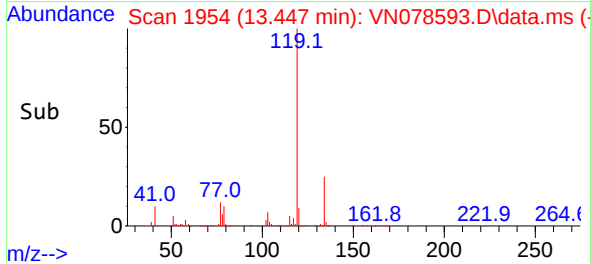
Instrument :
MSVOA_N
ClientSampleId :
IBLK



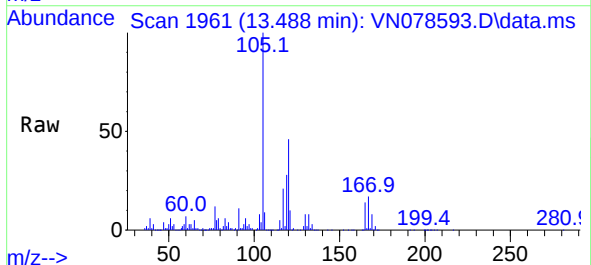
Tgt Ion:119 Resp: 74387
Ion Ratio Lower Upper
119 100
91 63.3 33.9 101.7
134 22.8 13.2 39.6

Manual Integrations
APPROVED

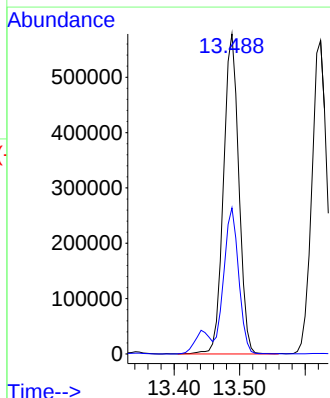
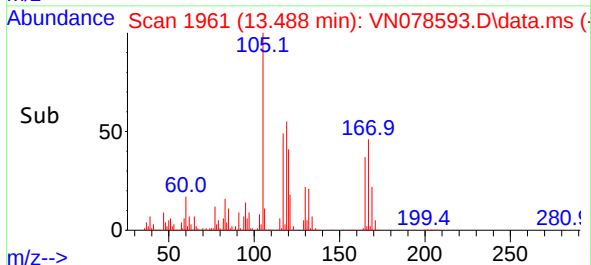
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

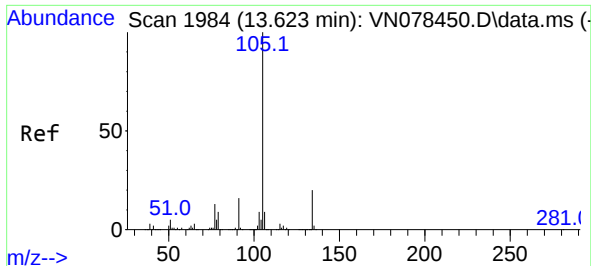


#84
1,2,4-Trimethylbenzene
Concen: 23.868 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



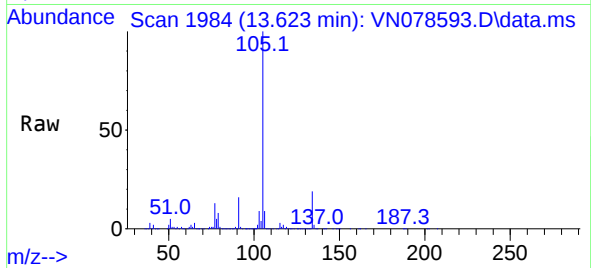
Tgt Ion:105 Resp: 935562
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 21.112 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078593.D
 Acq: 20 Jul 2023 14:46

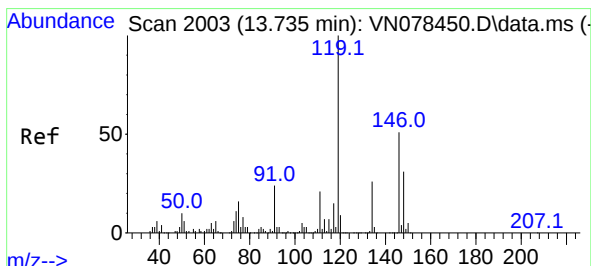
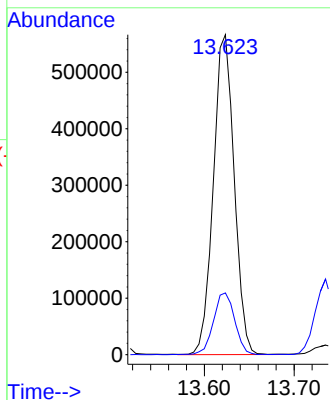
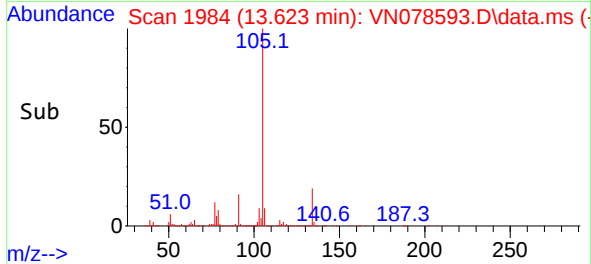
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



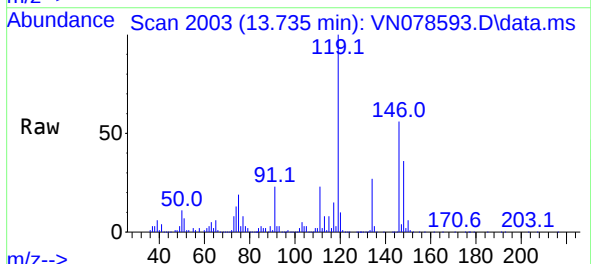
Tgt Ion:105 Resp: 914248
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
 APPROVED

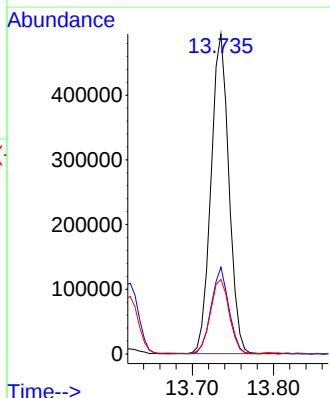
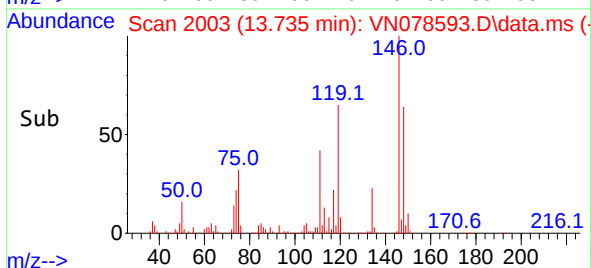
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

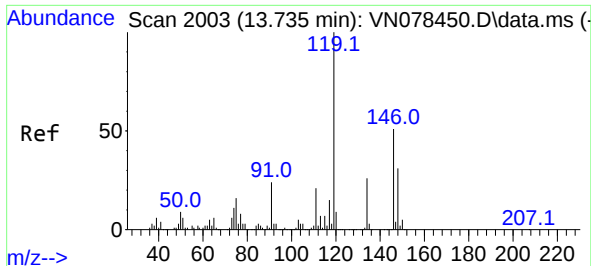


#86
 p-Isopropyltoluene
 Concen: 21.690 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078593.D
 Acq: 20 Jul 2023 14:46



Tgt Ion:119 Resp: 754233
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.6 37.8
 91 24.3 12.4 37.2





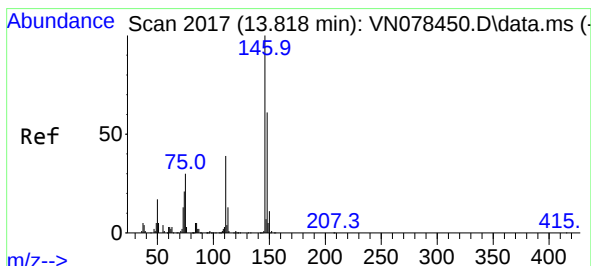
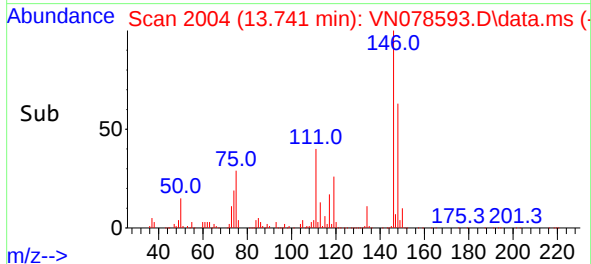
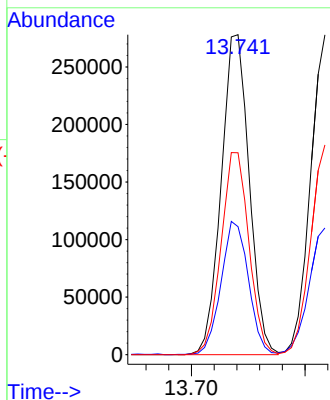
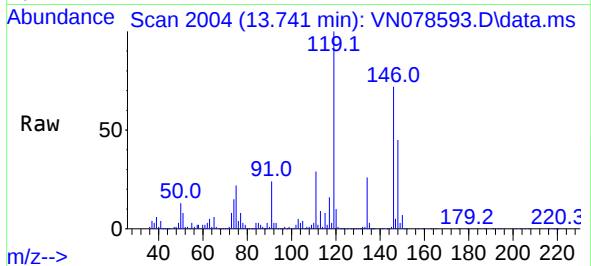
#87
1,3-Dichlorobenzene
Concen: 24.272 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:146 Resp: 47590
Ion Ratio Lower Upper
146 100
111 41.0 22.1 66.3
148 62.9 32.0 96.0

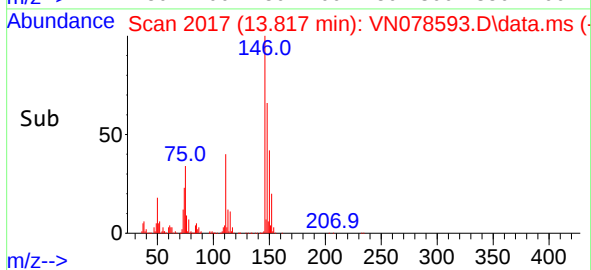
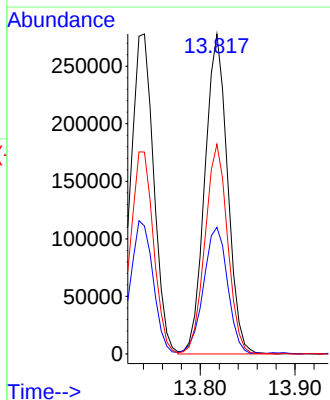
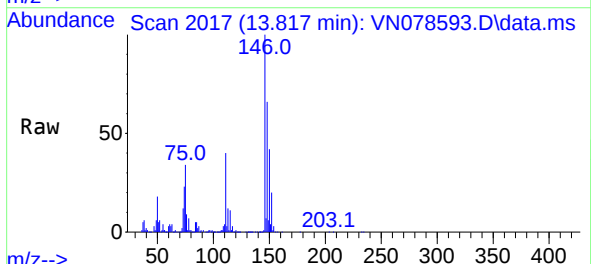
Manual Integrations
APPROVED

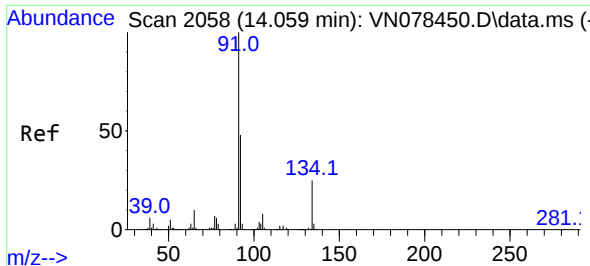
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#88
1,4-Dichlorobenzene
Concen: 23.392 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

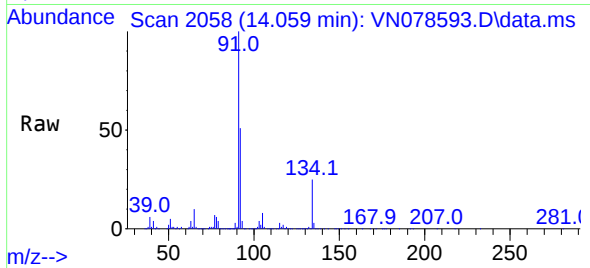
Tgt Ion:146 Resp: 461964
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.8
148 65.3 31.6 94.8





#89
n-Butylbenzene
Concen: 23.399 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

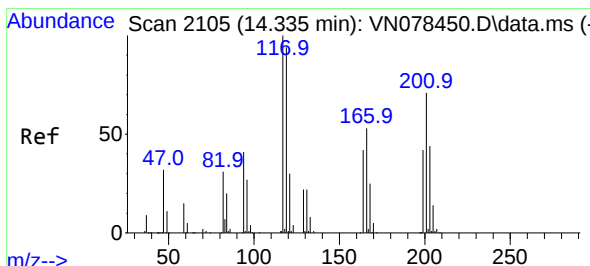
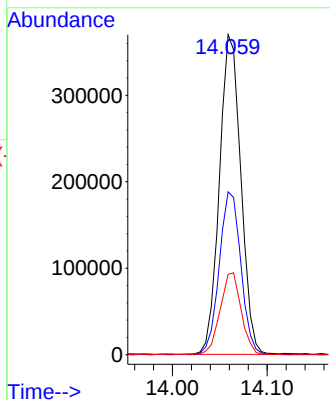
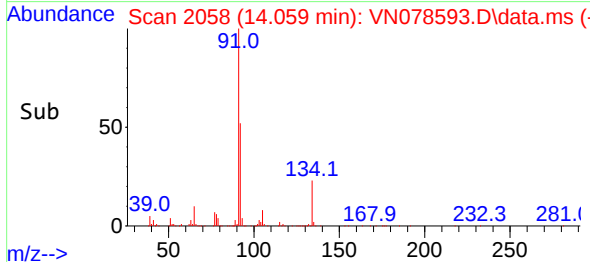
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 91 Resp: 582178
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 25.3 12.6 37.6

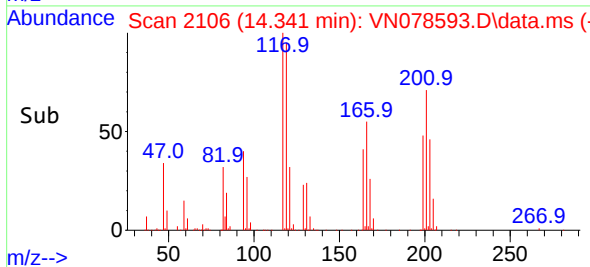
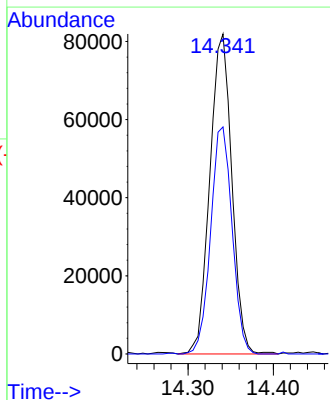
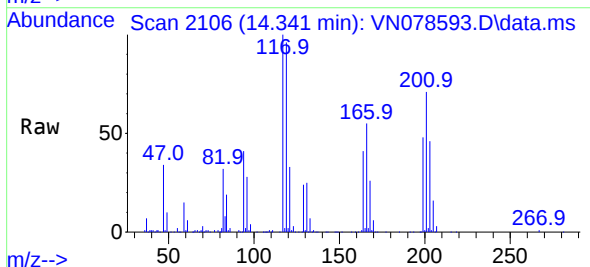
Manual Integrations
APPROVED

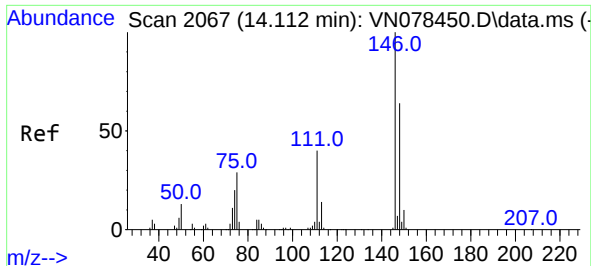
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#90
Hexachloroethane
Concen: 22.532 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

Tgt Ion:117 Resp: 146869
Ion Ratio Lower Upper
117 100
201 69.1 29.3 88.0





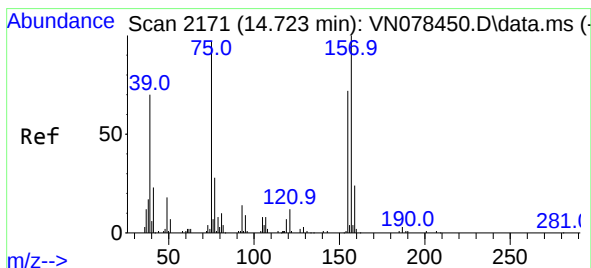
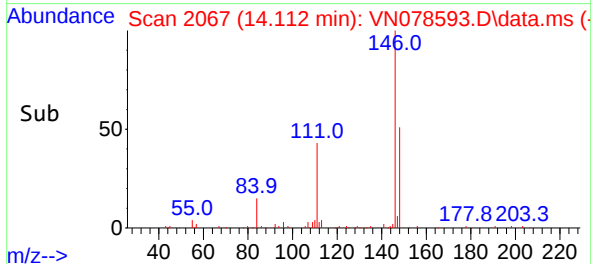
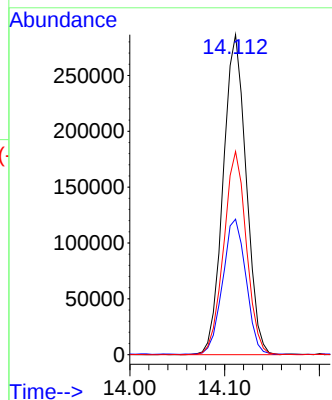
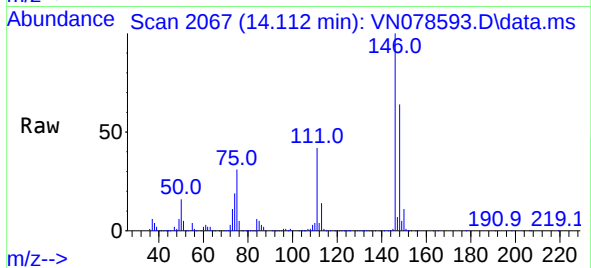
#91
1,2-Dichlorobenzene
Concen: 24.777 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:146 Resp: 48345
Ion Ratio Lower Upper
146 100
111 43.0 22.0 66.0
148 62.7 31.8 95.3

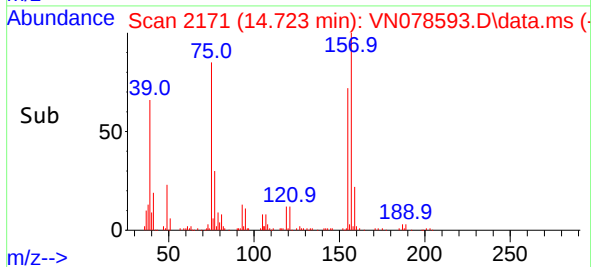
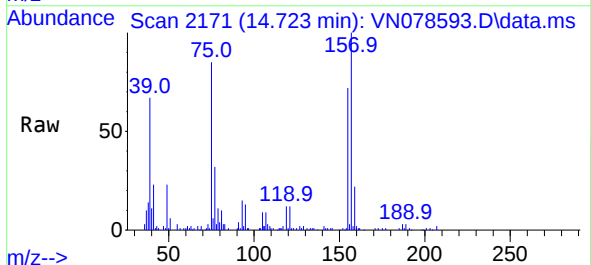
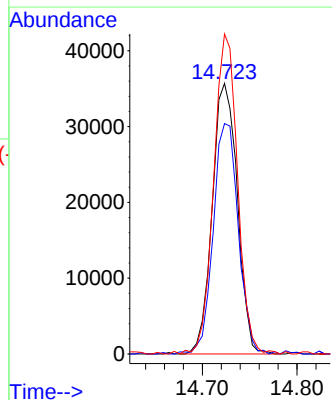
Manual Integrations
APPROVED

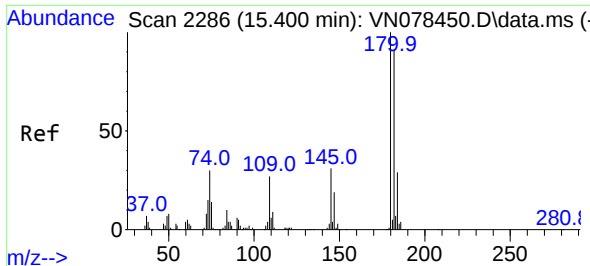
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.926 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

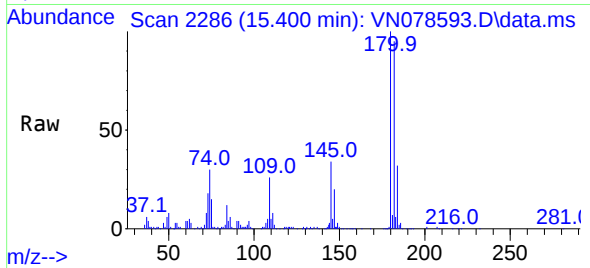
Tgt Ion: 75 Resp: 65651
Ion Ratio Lower Upper
75 100
155 85.3 39.1 117.2
157 112.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 24.520 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

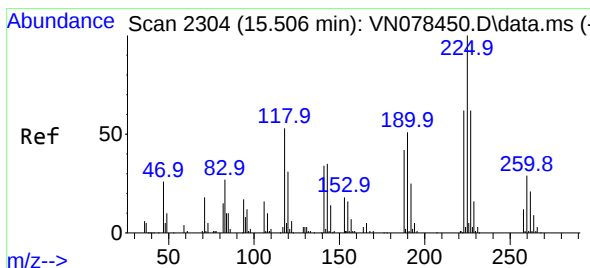
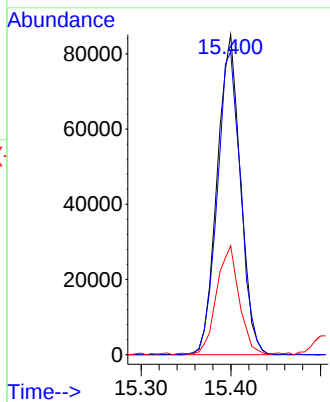
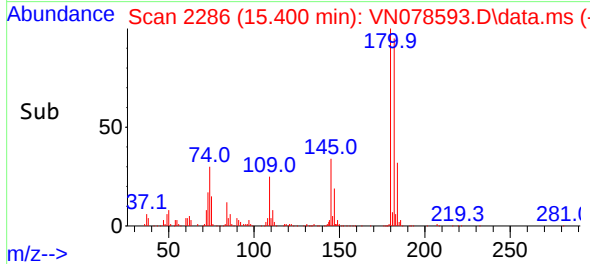
Instrument :
MSVOA_N
ClientSampleId :
IBLK



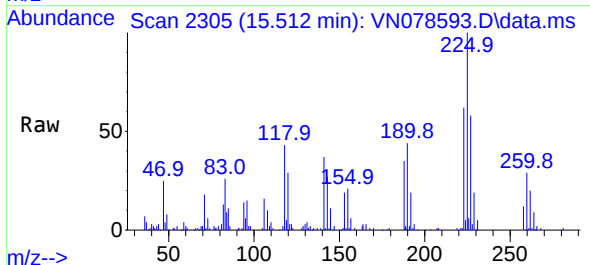
Tgt Ion:180 Resp: 15269
Ion Ratio Lower Upper
180 100
182 95.8 46.1 138.2
145 33.3 16.6 49.8

Manual Integrations
APPROVED

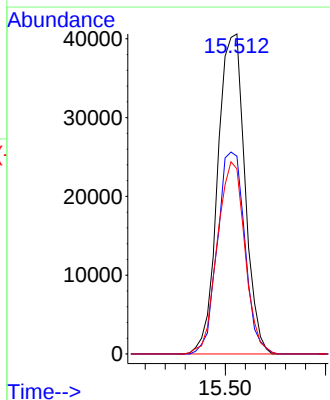
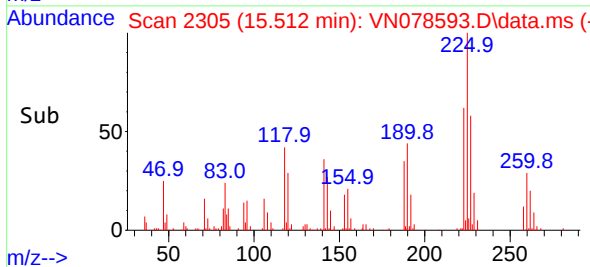
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

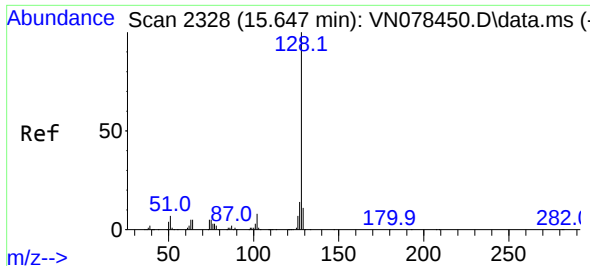


#94
Hexachlorobutadiene
Concen: 21.313 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



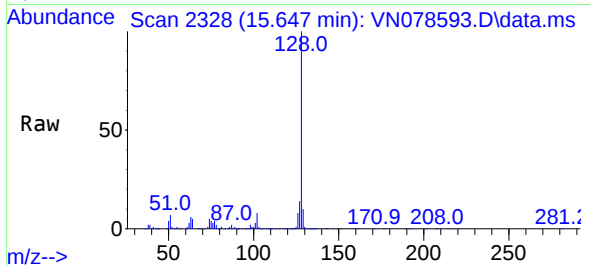
Tgt Ion:225 Resp: 76311
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.8
227 61.0 31.9 95.9





#95
Naphthalene
Concen: 23.581 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46

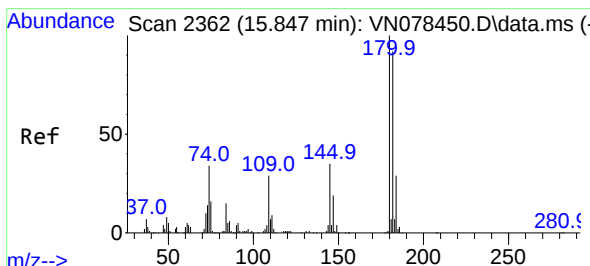
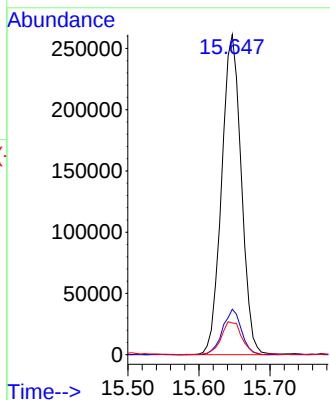
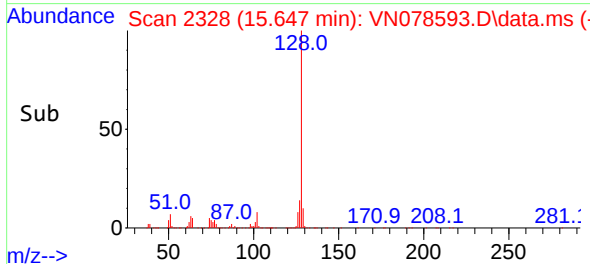
Instrument :
MSVOA_N
ClientSampleId :
IBLK



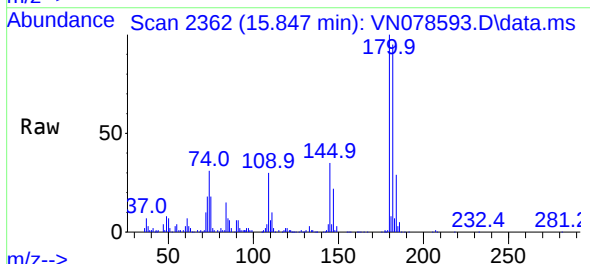
Tgt Ion:128 Resp: 502029
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 23.745 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078593.D
Acq: 20 Jul 2023 14:46



Tgt Ion:180 Resp: 170022
Ion Ratio Lower Upper
180 100
182 95.5 46.2 138.6
145 34.8 17.5 52.6

