

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072423.D
 Acq On : 11 May 2022 17:40
 Operator : JC\MD
 Sample : N2763-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20220509MS

Quant Time: May 12 02:13:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	181596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	298480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	284079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	129404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	155356	55.854	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.700%			
35) Dibromofluoromethane	8.022	113	108048	54.411	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.820%			
50) Toluene-d8	10.439	98	394657	52.184	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.360%			
62) 4-Bromofluorobenzene	12.727	95	141691	56.413	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	114665	50.629	ug/l	97
3) Chloromethane	2.299	50	102224	48.178	ug/l	99
4) Vinyl Chloride	2.440	62	87374	45.308	ug/l	100
5) Bromomethane	2.828	94	51749	45.072	ug/l	97
6) Chloroethane	3.004	64	50122	49.601	ug/l	95
7) Trichlorofluoromethane	3.363	101	192650	53.900	ug/l	96
8) Diethyl Ether	3.828	74	62944	48.816	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	95481	48.958	ug/l	98
10) Methyl Iodide	4.422	142	121063	46.827	ug/l #	85
11) Tert butyl alcohol	5.369	59	110574	243.125	ug/l	99
12) 1,1-Dichloroethene	4.187	96	88776	48.581	ug/l	96
13) Acrolein	4.040	56	95549	214.729	ug/l	96
14) Allyl chloride	4.840	41	161265	47.398	ug/l	93
15) Acrylonitrile	5.545	53	312880	253.168	ug/l	98
16) Acetone	4.281	43	301379	273.597	ug/l	94
17) Carbon Disulfide	4.528	76	223487	47.156	ug/l	98
18) Methyl Acetate	4.851	43	232656	71.735	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	357669	54.161	ug/l	99
20) Methylene Chloride	5.093	84	106249	47.042	ug/l	88
21) trans-1,2-Dichloroethene	5.598	96	92723	48.499	ug/l	95
22) Diisopropyl ether	6.492	45	330530	47.808	ug/l	97
23) Vinyl Acetate	6.428	43	1145950	198.092	ug/l	94
24) 1,1-Dichloroethane	6.387	63	191652	49.123	ug/l	100
25) 2-Butanone	7.328	43	432884	248.997	ug/l	95
26) 2,2-Dichloropropane	7.322	77	152263	46.442	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	113111	49.212	ug/l	94
28) Bromochloromethane	7.651	49	75059	45.310	ug/l	91
29) Tetrahydrofuran	7.681	42	286923	253.943	ug/l	91
30) Chloroform	7.816	83	208810	52.608	ug/l	96
31) Cyclohexane	8.092	56	163508	44.364	ug/l	95
32) 1,1,1-Trichloroethane	8.004	97	196893	54.084	ug/l	99
36) 1,1-Dichloropropene	8.216	75	144444	50.644	ug/l	97
37) Ethyl Acetate	7.410	43	167614	48.981	ug/l	98
38) Carbon Tetrachloride	8.204	117	173141	54.241	ug/l	99
39) Methylcyclohexane	9.457	83	166921	52.074	ug/l	95
40) Benzene	8.457	78	423011	49.648	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	91918	54.248	ug/l #	83
42) 1,2-Dichloroethane	8.528	62	183838	53.682	ug/l	97
43) Isopropyl Acetate	8.557	43	267382	50.870	ug/l	95
44) Trichloroethene	9.216	130	108541	50.182	ug/l	95
45) 1,2-Dichloropropane	9.486	63	108288	49.767	ug/l	98
46) Dibromomethane	9.575	93	78392	51.742	ug/l	94
47) Bromodichloromethane	9.757	83	167715	54.299	ug/l	98
48) Methyl methacrylate	9.557	41	133995	54.640	ug/l	89
49) 1,4-Dioxane	9.563	88	43267	1034.293	ug/l #	82
51) 4-Methyl-2-Pentanone	10.327	43	872428	267.304	ug/l	93
52) Toluene	10.504	92	272408	51.850	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	170937	54.369	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	178585	53.239	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	111091	50.758	ug/l	97
56) Ethyl methacrylate	10.757	69	176052	56.125	ug/l #	88
57) 1,3-Dichloropropane	11.039	76	191714	51.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	210378	248.233	ug/l	100
59) 2-Hexanone	11.080	43	640566	279.904	ug/l	91
60) Dibromochloromethane	11.233	129	129221	55.580	ug/l	99
61) 1,2-Dibromoethane	11.339	107	116010	53.187	ug/l	100
64) Tetrachloroethene	10.974	164	101943	49.855	ug/l	92
65) Chlorobenzene	11.769	112	286294	49.327	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	115974	49.923	ug/l	97
67) Ethyl Benzene	11.839	91	533654	53.291	ug/l	100
68) m/p-Xylenes	11.951	106	409499	107.819	ug/l	94
69) o-Xylene	12.274	106	197466	52.916	ug/l	91
70) Styrene	12.292	104	326009	57.106	ug/l	96
71) Bromoform	12.451	173	96584	56.362	ug/l #	99
73) Isopropylbenzene	12.574	105	532899	49.710	ug/l	98
74) N-amyl acetate	12.386	43	146013	38.534	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	163987	42.136	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	156150m	46.265	ug/l	
77) Bromobenzene	12.857	156	121296	47.293	ug/l	94
78) n-propylbenzene	12.916	91	583334	50.852	ug/l	98
79) 2-Chlorotoluene	13.004	91	363875	48.285	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	445515	50.743	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	47668	47.116	ug/l	88
82) 4-Chlorotoluene	13.104	91	348981	48.865	ug/l	97
83) tert-Butylbenzene	13.321	119	396082	51.532	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	437790	51.259	ug/l	96
85) sec-Butylbenzene	13.498	105	518989	50.630	ug/l	99
86) p-Isopropyltoluene	13.610	119	429737	53.820	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	213543	48.278	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	210892	47.926	ug/l	98
89) n-Butylbenzene	13.939	91	302840	49.617	ug/l	98
90) Hexachloroethane	14.204	117	79870	50.056	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	216831	49.083	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	36856	54.460	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	93123	55.647	ug/l	97
94) Hexachlorobutadiene	15.368	225	53182	47.998	ug/l	99
95) Naphthalene	15.504	128	285711	46.437	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	95072	56.691	ug/l	97

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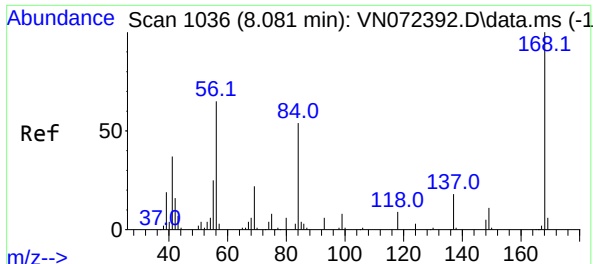
Manual Integrations
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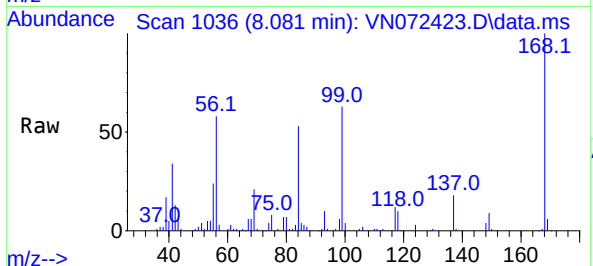
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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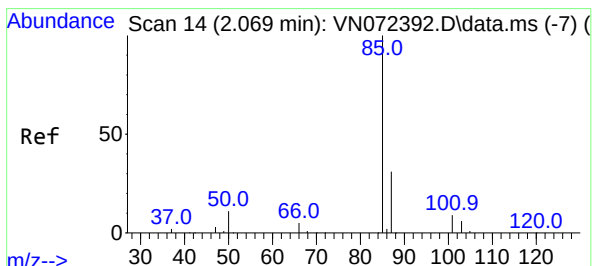
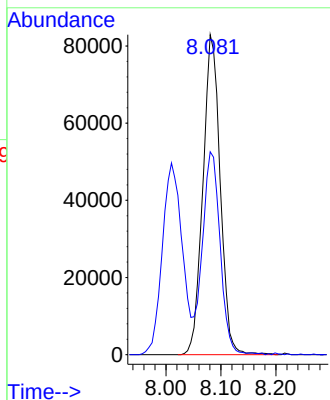
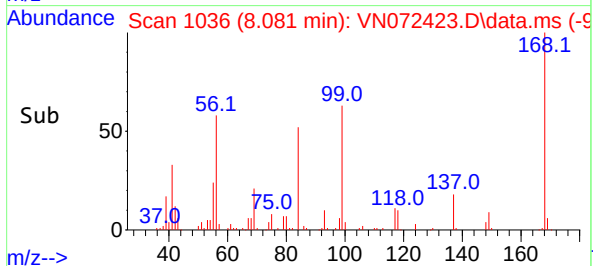
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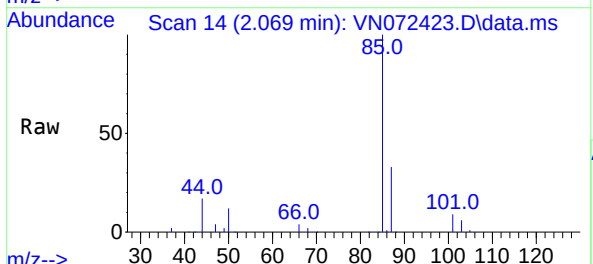
Tgt Ion:168 Resp: 181590
Ion Ratio Lower Upper
168 100
99 63.2 42.3 63.5

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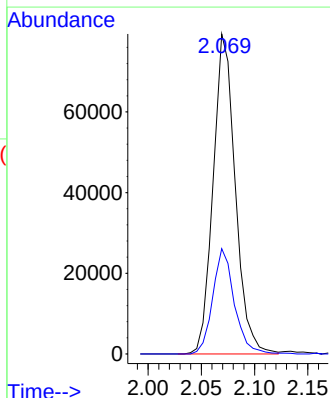
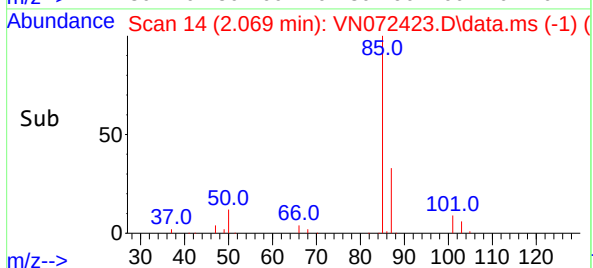
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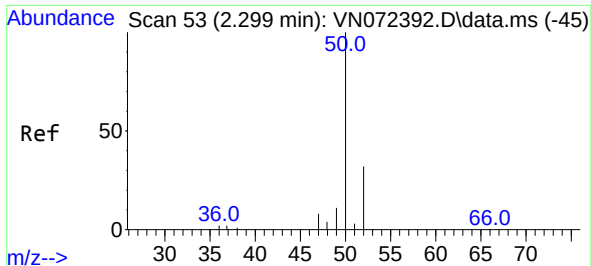


#2
Dichlorodifluoromethane
Concen: 50.629 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



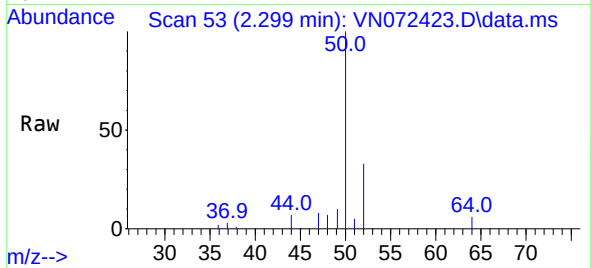
Tgt Ion: 85 Resp: 114665
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.1





#3
Chloromethane
Concen: 48.178 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

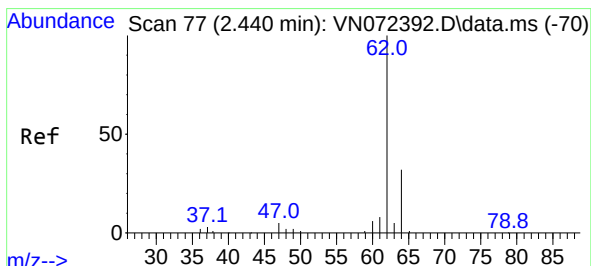
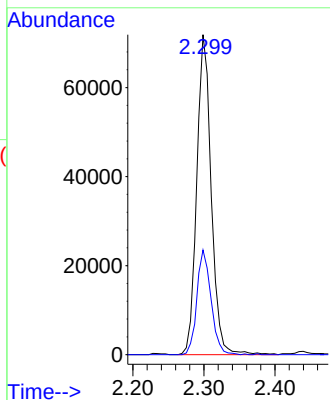
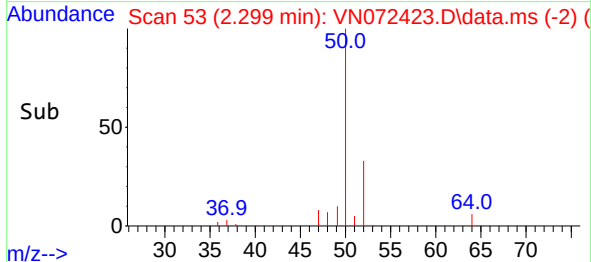
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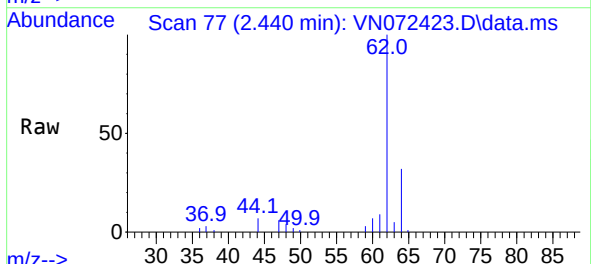
Tgt Ion: 50 Resp: 102224
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5

Manual Integrations
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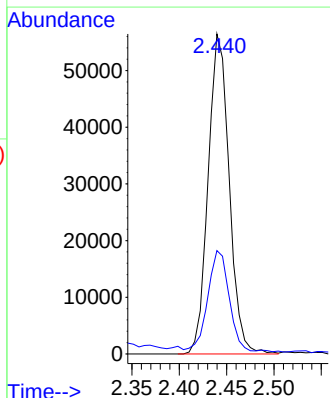
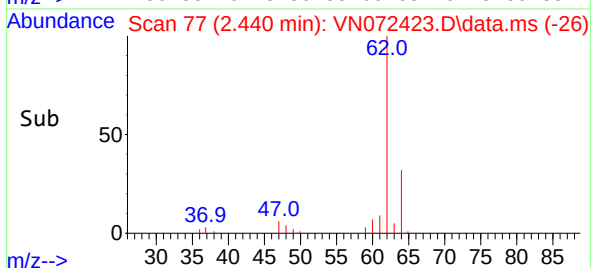
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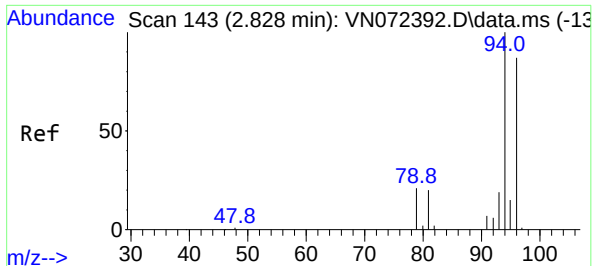


#4
Vinyl Chloride
Concen: 45.308 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072423.D
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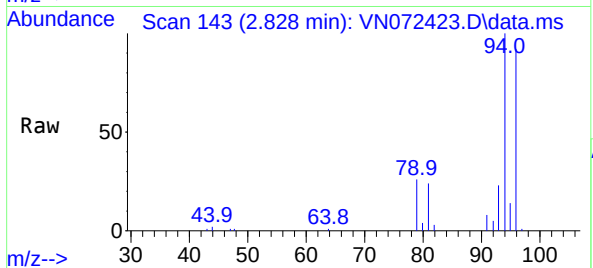
Tgt Ion: 62 Resp: 87374
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.4





#5
Bromomethane
Concen: 45.072 ug/l
RT: 2.828 min Scan# 143
Delta R.T. -0.000 min
Lab File: VN072423.D
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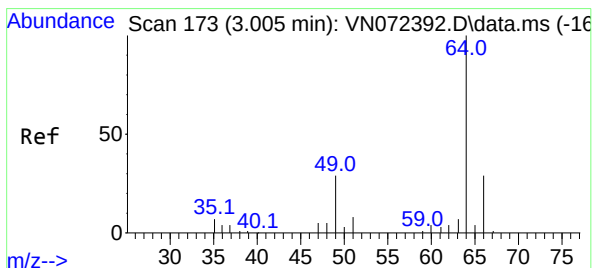
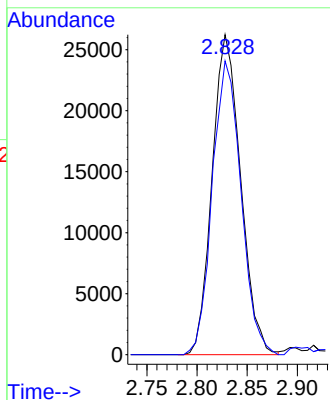
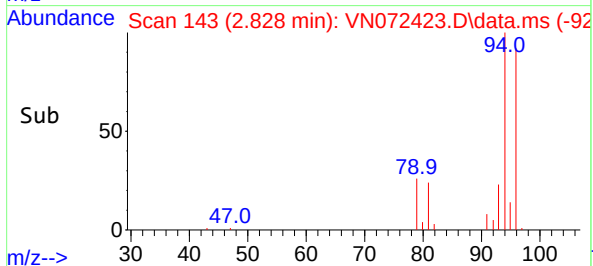
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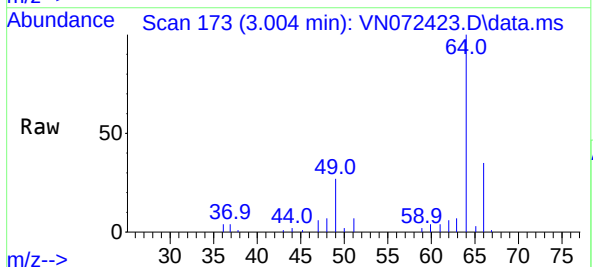
Tgt Ion: 94 Resp: 51749
Ion Ratio Lower Upper
94 100
96 91.8 76.0 114.0

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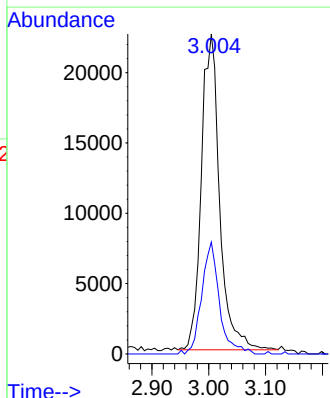
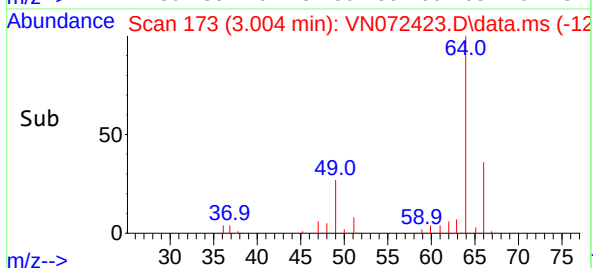
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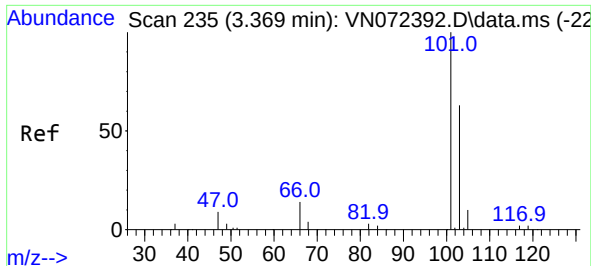


#6
Chloroethane
Concen: 49.601 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



Tgt Ion: 64 Resp: 50122
Ion Ratio Lower Upper
64 100
66 35.4 26.2 39.4





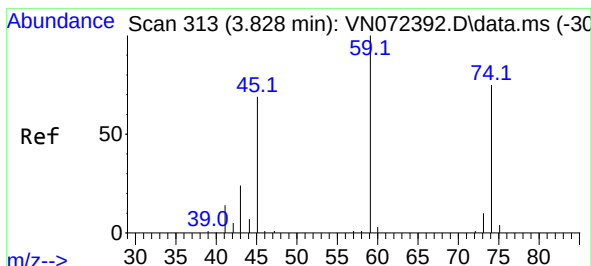
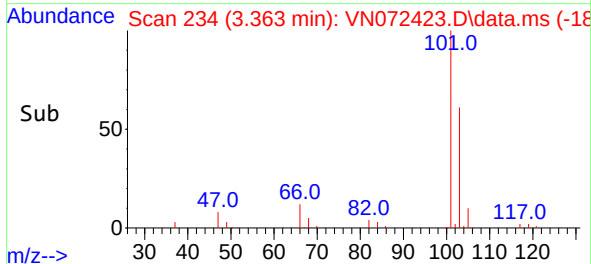
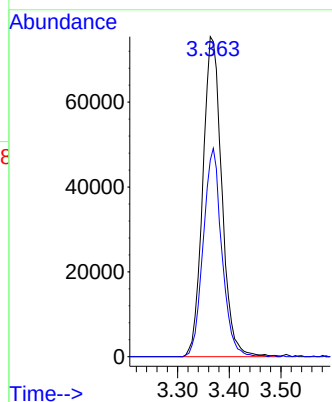
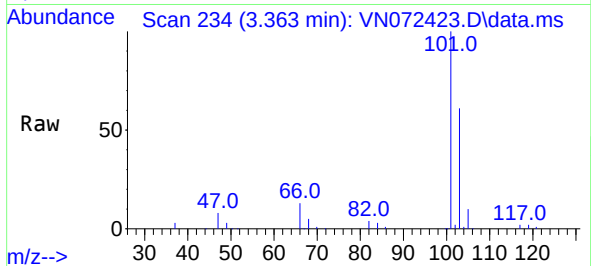
#7
Trichlorofluoromethane
Concen: 53.900 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072423.D
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ClientSampleId :
MW-4-20220509MS

Tgt Ion:101 Resp: 192650
Ion Ratio Lower Upper
101 100
103 61.4 51.5 77.3

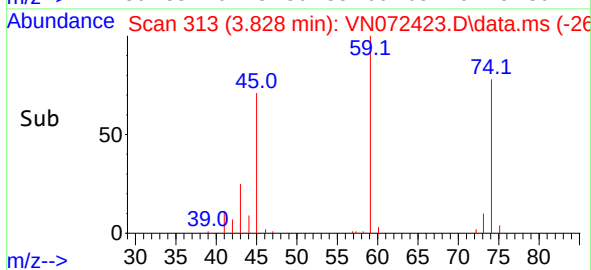
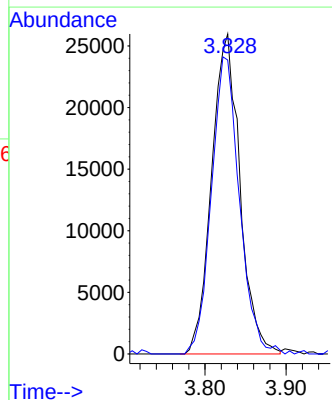
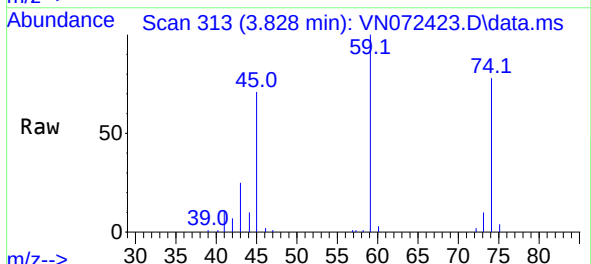
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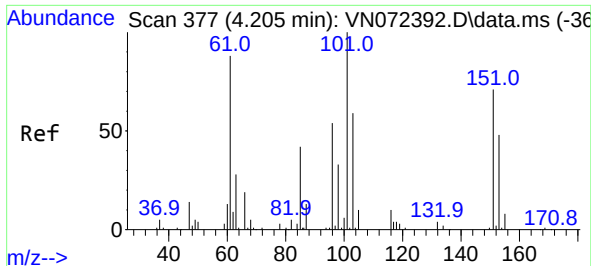
Reviewed By :John Carlone 05/12/2022
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#8
Diethyl Ether
Concen: 48.816 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 62944
Ion Ratio Lower Upper
74 100
45 91.8 42.9 128.5





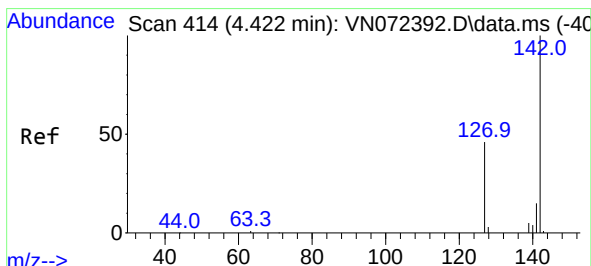
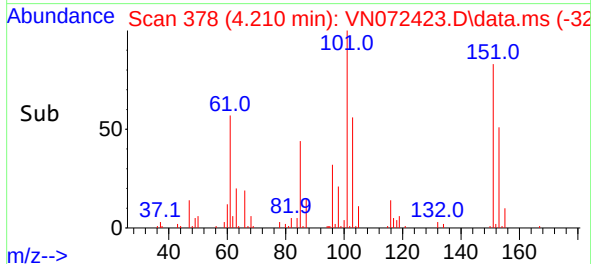
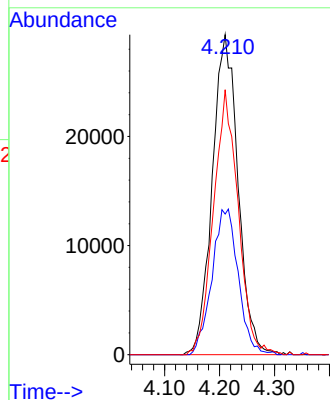
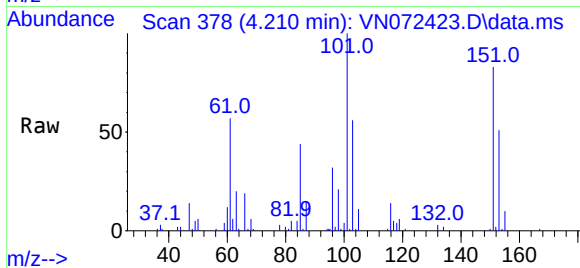
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.958 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS

Tgt Ion:101 Resp: 9548
Ion Ratio Lower Upper
101 100
85 46.5 34.7 52.1
151 79.4 63.0 94.4

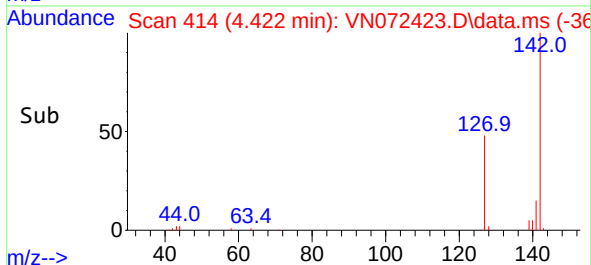
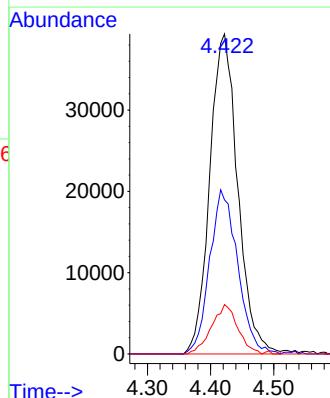
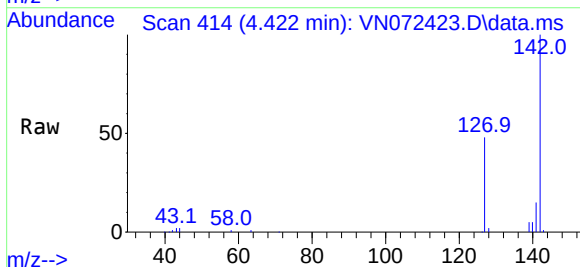
Manual Integrations
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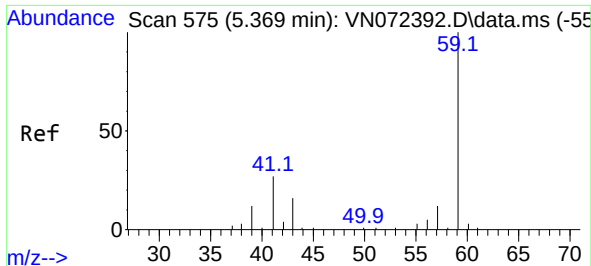
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#10
Methyl Iodide
Concen: 46.827 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

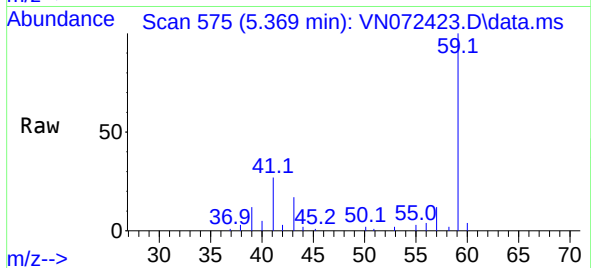
Tgt Ion:142 Resp: 121063
Ion Ratio Lower Upper
142 100
127 51.4 31.3 46.9#
141 14.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 243.125 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

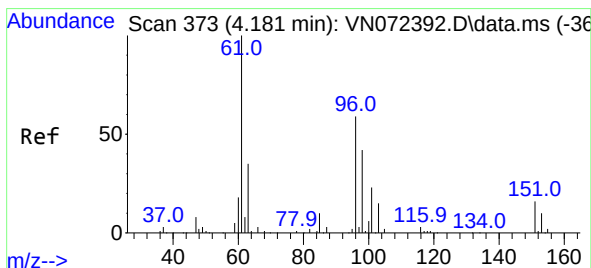
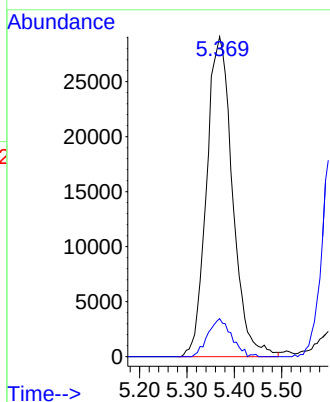
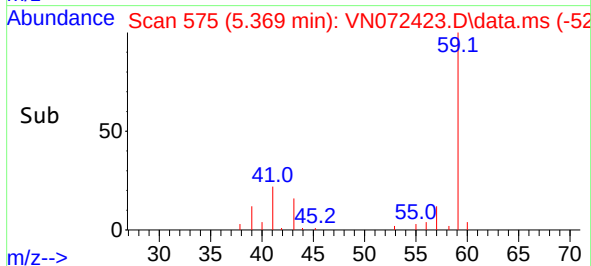
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



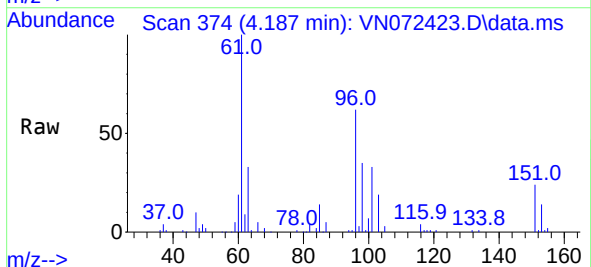
Tgt Ion: 59 Resp: 110574
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

Manual Integrations
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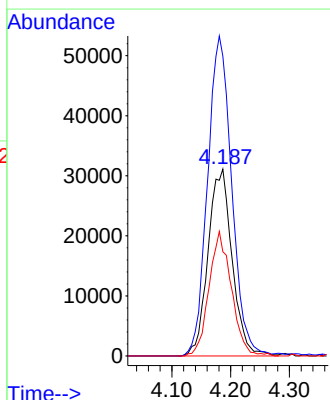
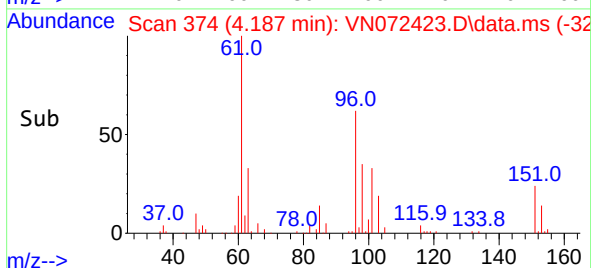
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

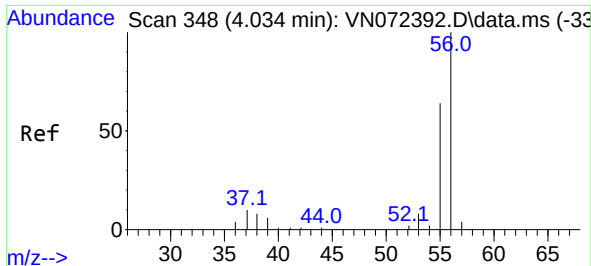


#12
1,1-Dichloroethene
Concen: 48.581 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



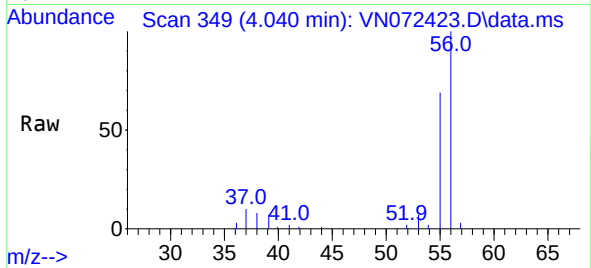
Tgt Ion: 96 Resp: 88776
Ion Ratio Lower Upper
96 100
61 160.4 127.6 191.4
98 55.8 51.2 76.8





#13
Acrolein
Concen: 214.729 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

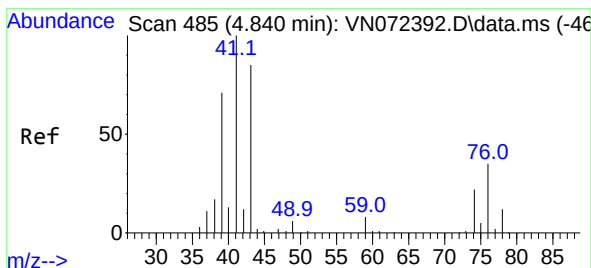
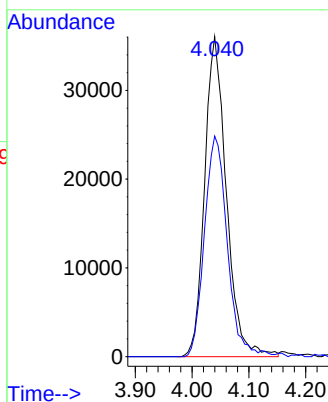
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



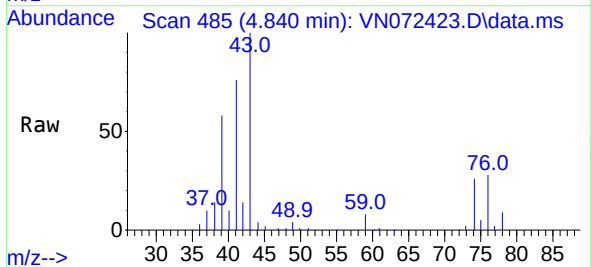
Tgt Ion: 56 Resp: 95549
Ion Ratio Lower Upper
56 100
55 71.7 54.8 82.2

Manual Integrations
APPROVED

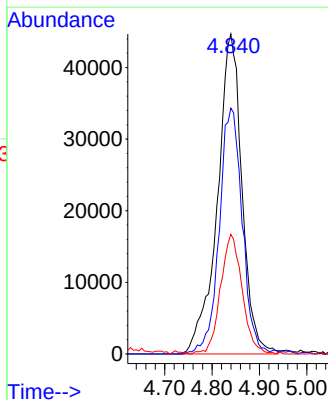
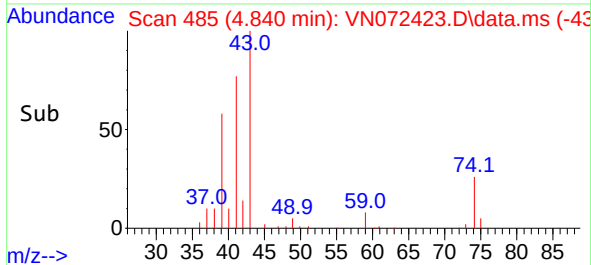
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

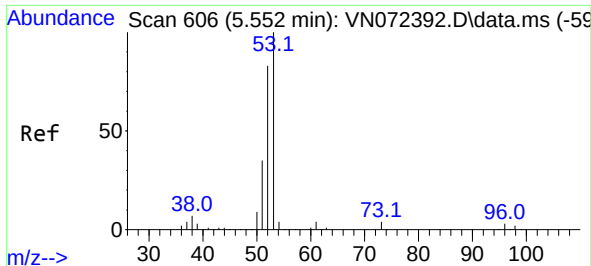


#14
Allyl chloride
Concen: 47.398 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



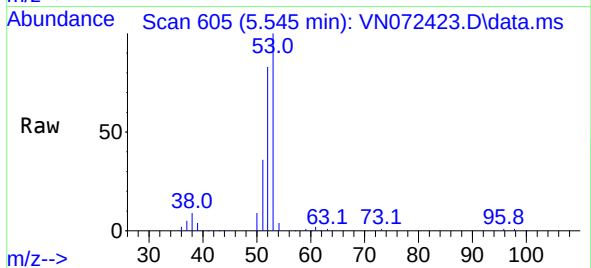
Tgt Ion: 41 Resp: 161265
Ion Ratio Lower Upper
41 100
39 71.6 53.2 79.8
76 32.8 29.9 44.9





#15
Acrylonitrile
Concen: 253.168 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.007 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

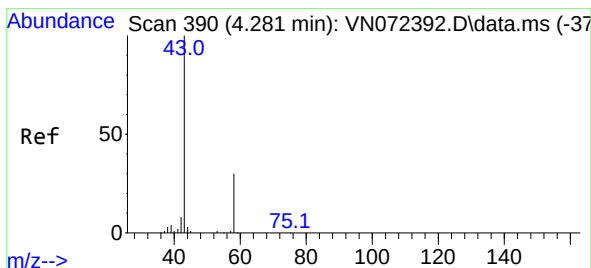
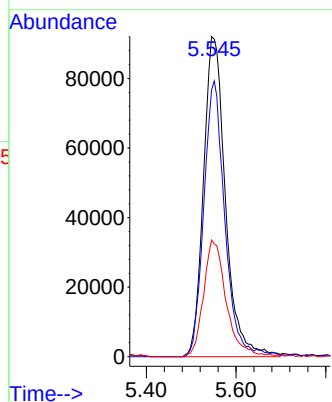
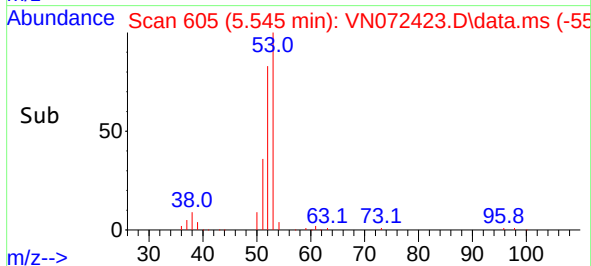
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



Tgt Ion: 53 Resp: 312880
Ion Ratio Lower Upper
53 100
52 81.3 66.4 99.6
51 37.7 28.5 42.7

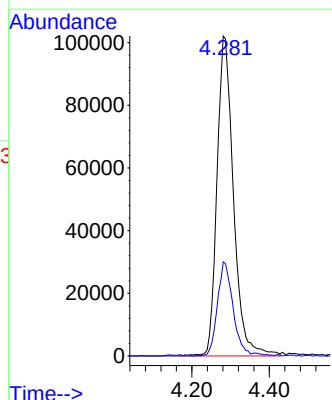
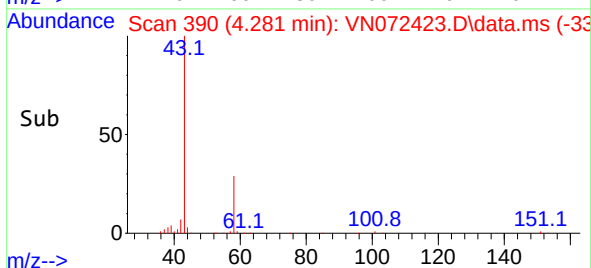
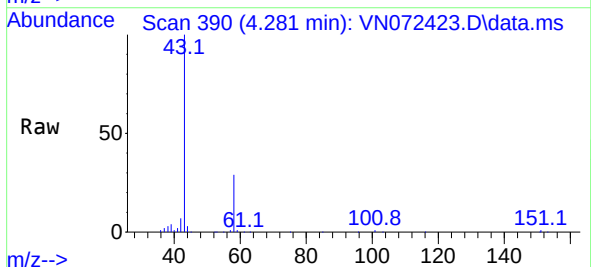
Manual Integrations
APPROVED

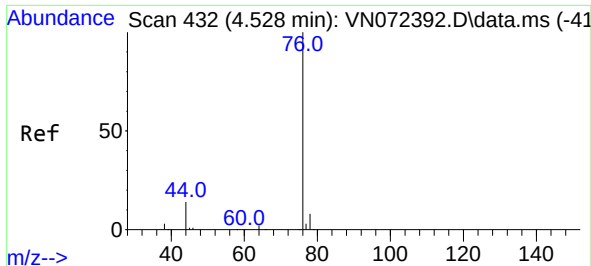
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#16
Acetone
Concen: 273.597 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

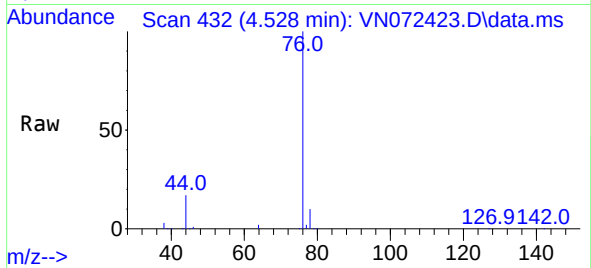
Tgt Ion: 43 Resp: 301379
Ion Ratio Lower Upper
43 100
58 29.2 26.0 39.0





#17
Carbon Disulfide
Concen: 47.156 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

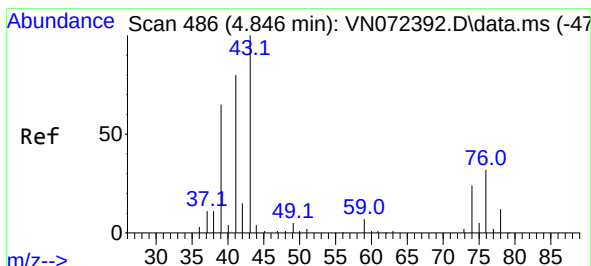
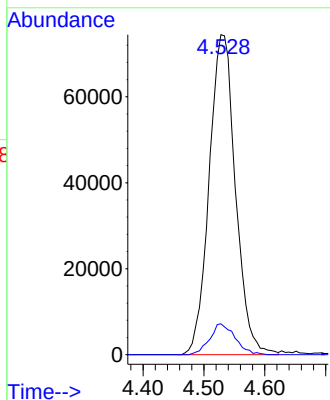
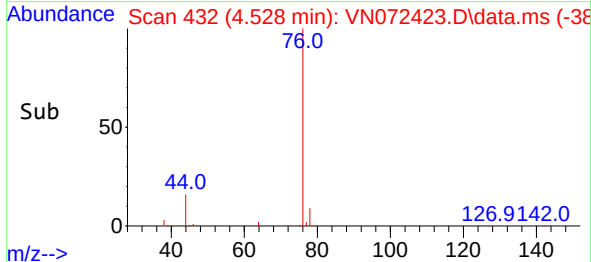
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



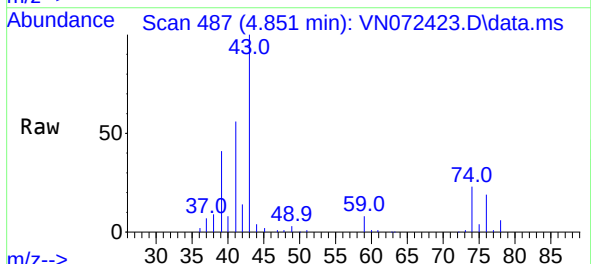
Tgt Ion: 76 Resp: 22348
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

Manual Integrations
APPROVED

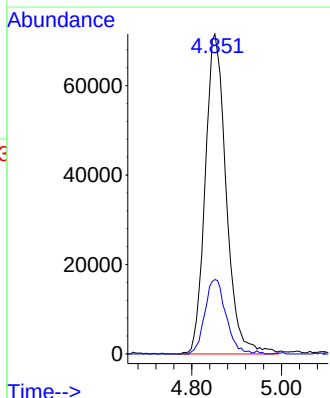
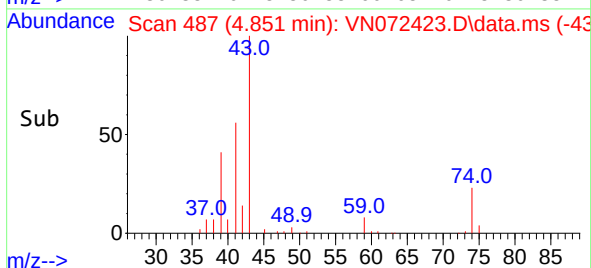
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

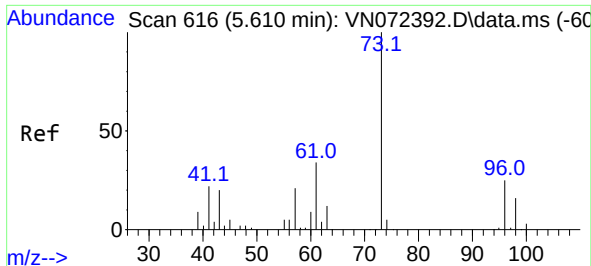


#18
Methyl Acetate
Concen: 71.735 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



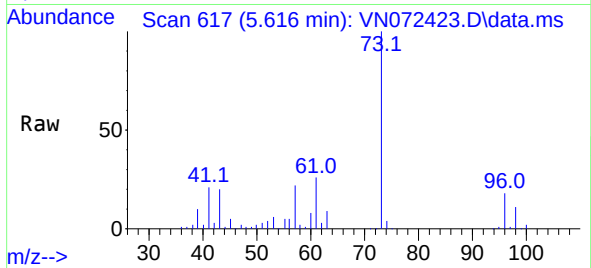
Tgt Ion: 43 Resp: 232656
Ion Ratio Lower Upper
43 100
74 23.3 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 54.161 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

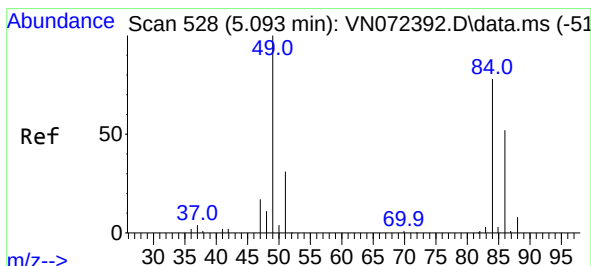
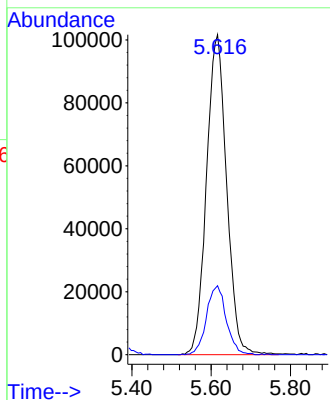
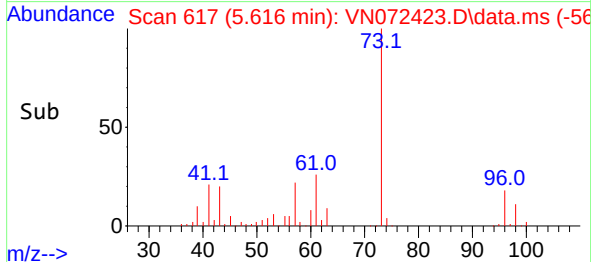
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



Tgt Ion: 73 Resp: 35766
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

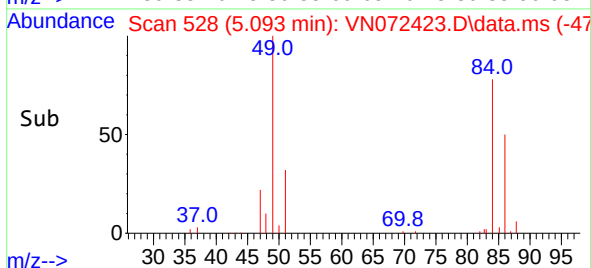
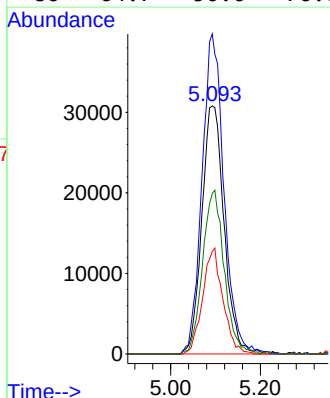
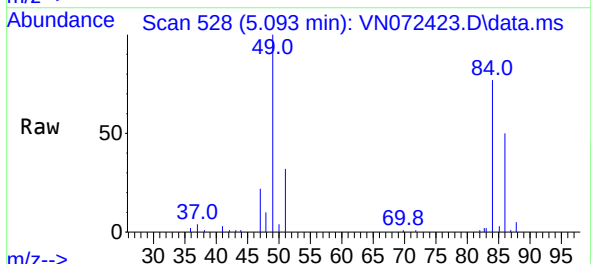
Manual Integrations
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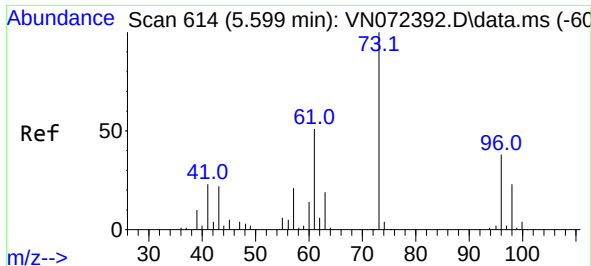
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#20
Methylene Chloride
Concen: 47.042 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

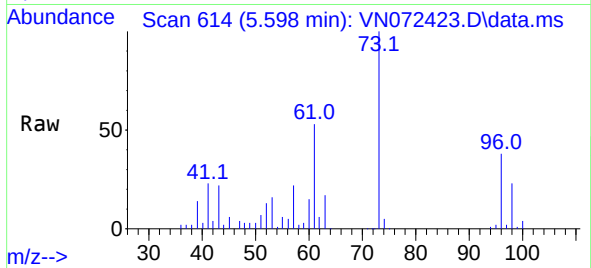
Tgt Ion: 84 Resp: 106249
Ion Ratio Lower Upper
84 100
49 129.0 88.3 132.5
51 41.3 28.2 42.2
86 64.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 48.499 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

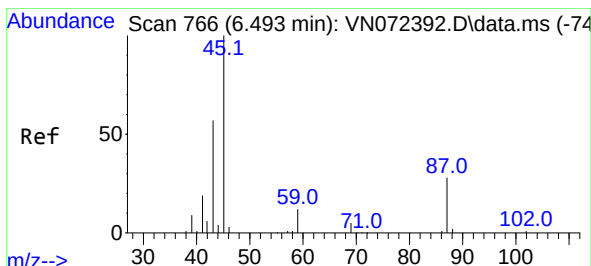
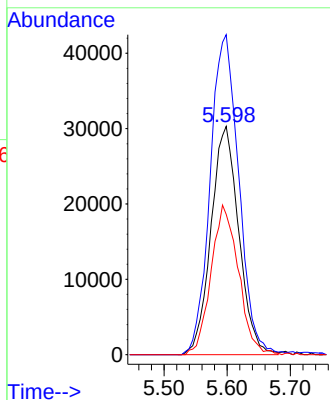
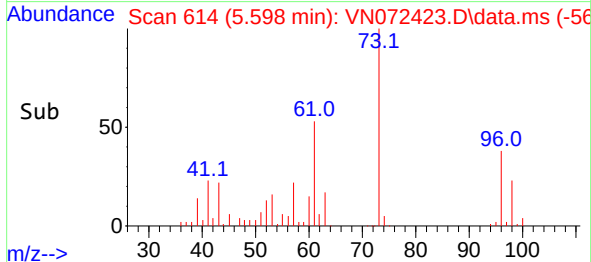
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



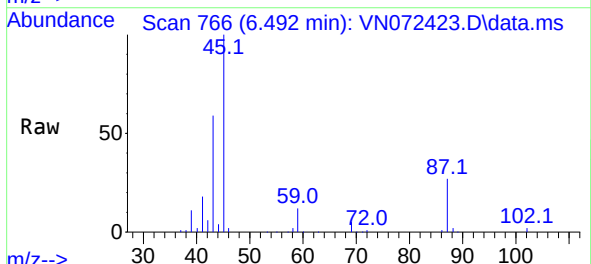
Tgt Ion: 96 Resp: 92723
Ion Ratio Lower Upper
96 100
61 140.2 105.8 158.8
98 61.4 50.3 75.5

Manual Integrations
APPROVED

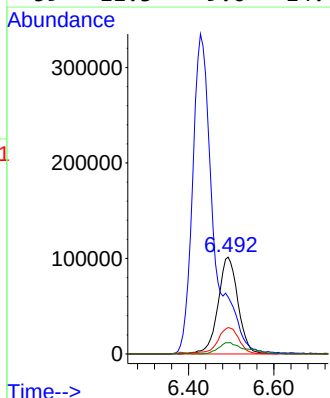
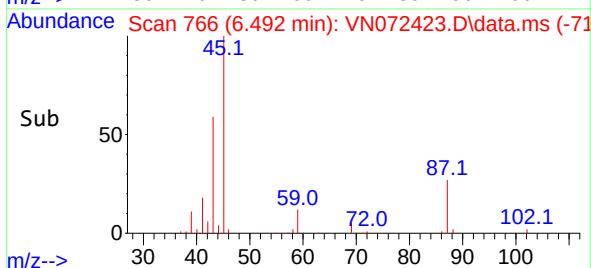
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

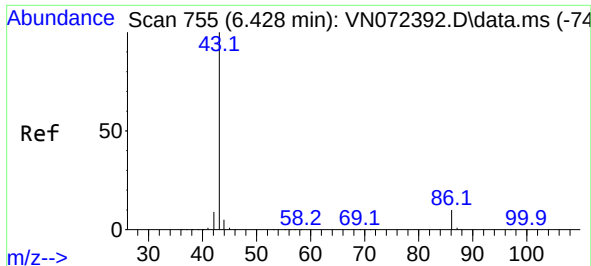


#22
Diisopropyl ether
Concen: 47.808 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



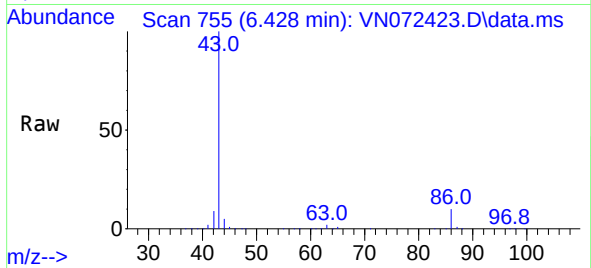
Tgt Ion: 45 Resp: 330530
Ion Ratio Lower Upper
45 100
43 57.2 46.6 70.0
87 27.0 24.3 36.5
59 11.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 198.092 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072423.D
 Acq: 11 May 2022 17:40

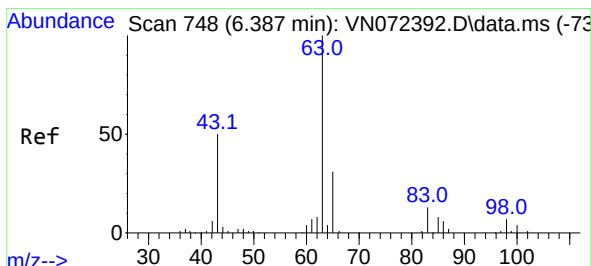
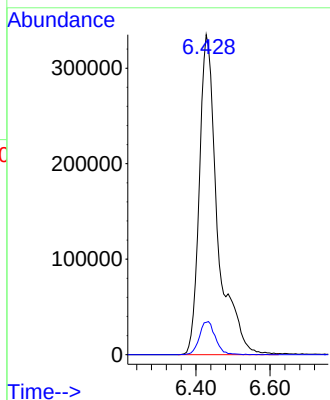
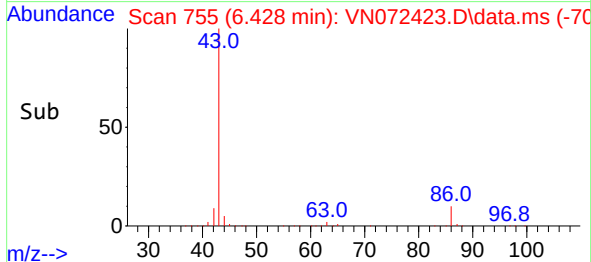
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20220509MS



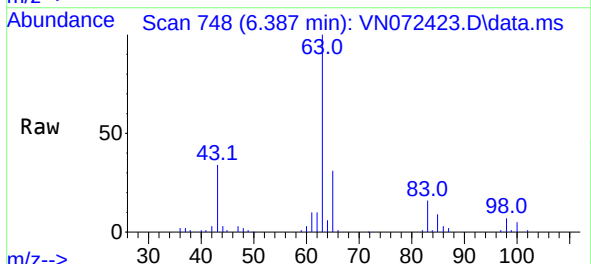
Tgt Ion: 43 Resp: 1145950
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.0 15.0

Manual Integrations
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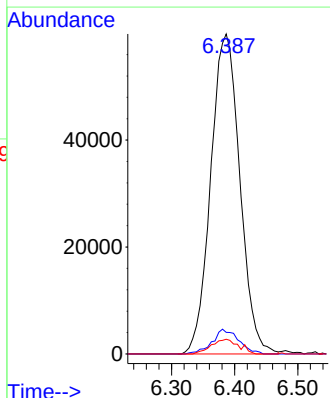
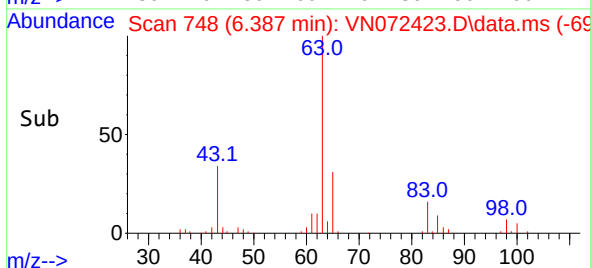
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022

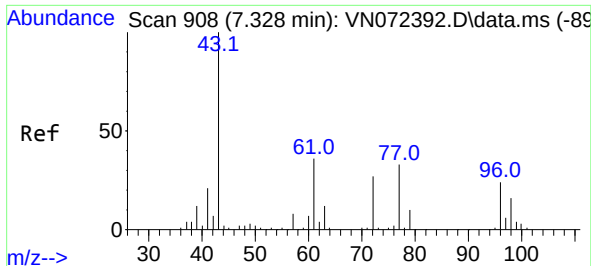


#24
 1,1-Dichloroethane
 Concen: 49.123 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072423.D
 Acq: 11 May 2022 17:40



Tgt Ion: 63 Resp: 191652
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 248.997 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072423.D

Acq: 11 May 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20220509MS

Tgt Ion: 43 Resp: 432884

Ion Ratio Lower Upper

43 100

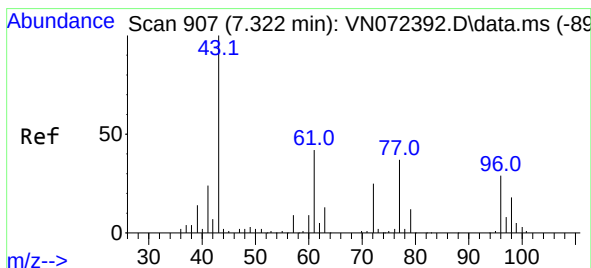
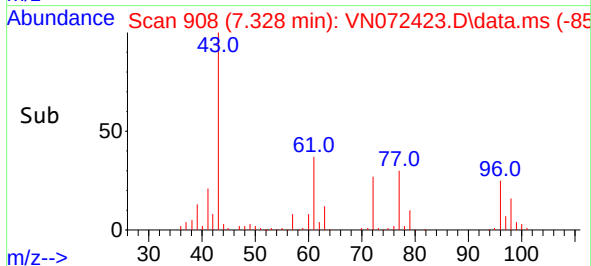
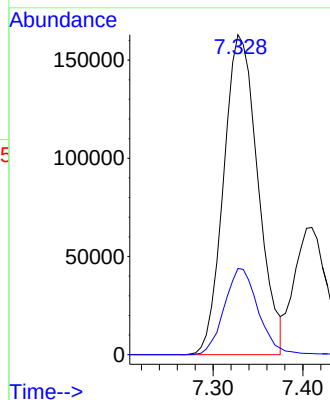
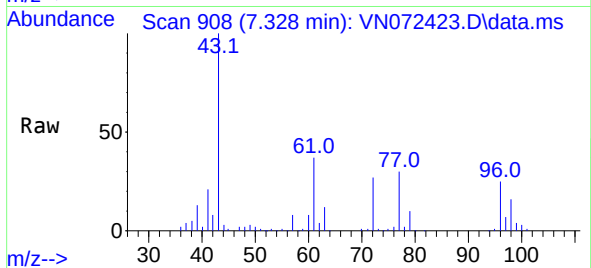
72 26.9 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#26

2,2-Dichloropropane

Concen: 46.442 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072423.D

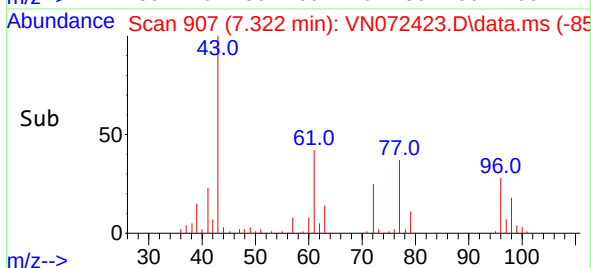
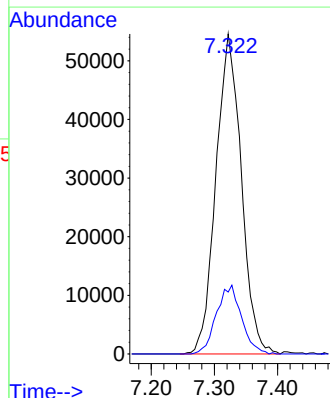
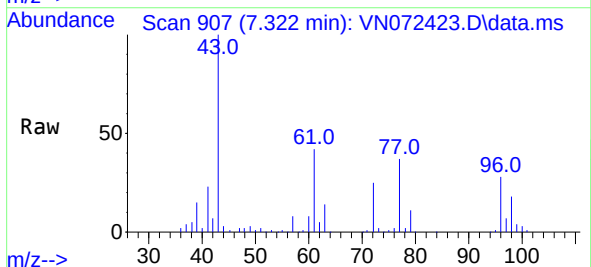
Acq: 11 May 2022 17:40

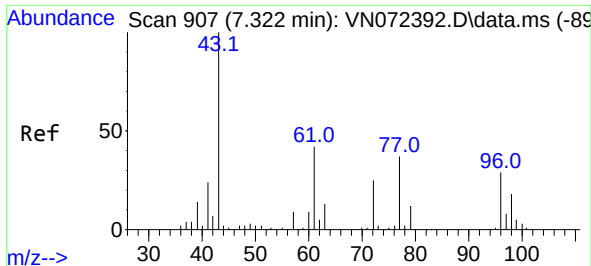
Tgt Ion: 77 Resp: 152263

Ion Ratio Lower Upper

77 100

97 21.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 49.212 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072423.D

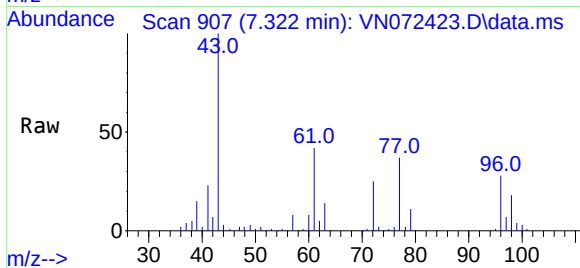
Acq: 11 May 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20220509MS



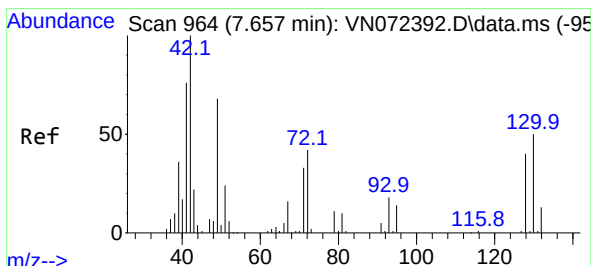
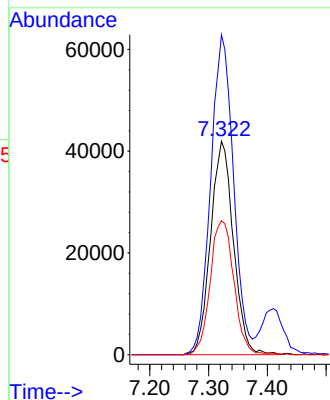
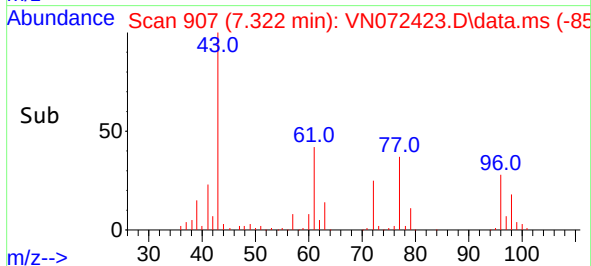
Tgt Ion:	96	Resp:	11311
Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	280.6
98	65.0	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#28

Bromochloromethane

Concen: 45.310 ug/l

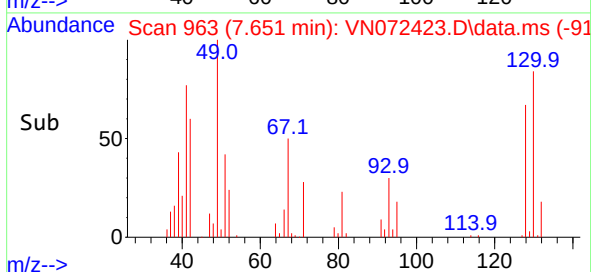
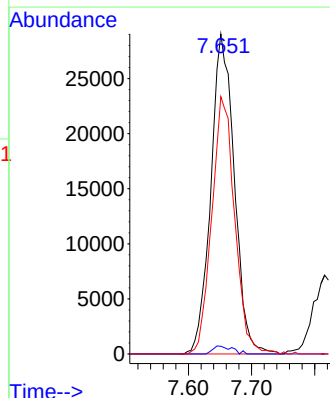
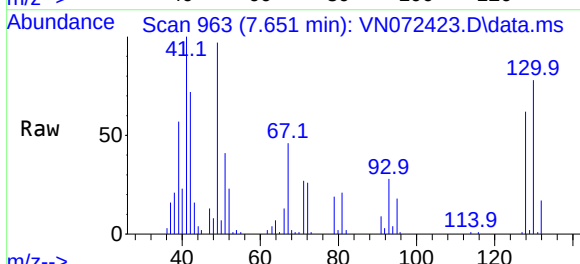
RT: 7.651 min Scan# 963

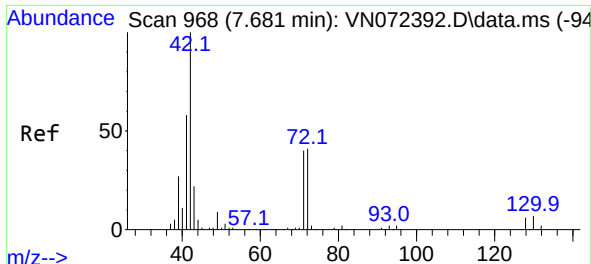
Delta R.T. -0.006 min

Lab File: VN072423.D

Acq: 11 May 2022 17:40

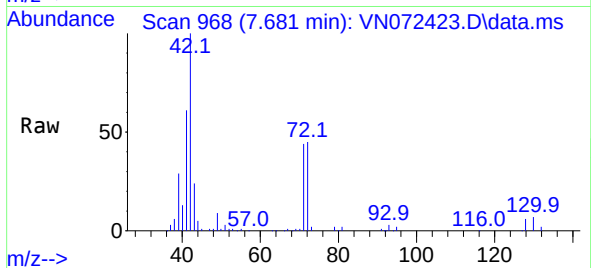
Tgt Ion:	49	Resp:	75059
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	78.4	69.7	104.5





#29
Tetrahydrofuran
Concen: 253.943 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

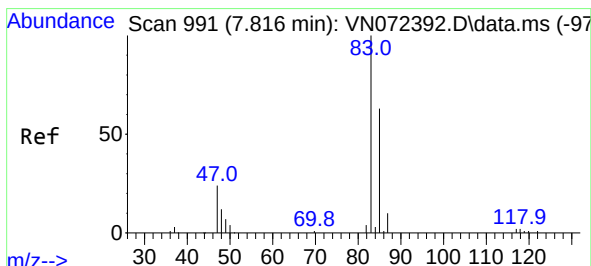
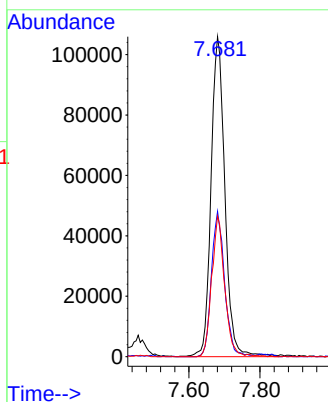
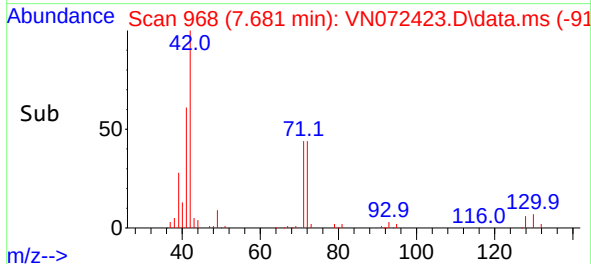
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



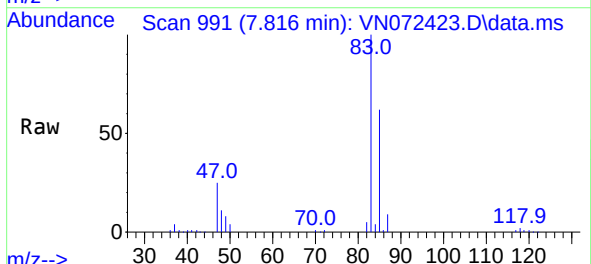
Tgt Ion: 42 Resp: 28692
Ion Ratio Lower Upper
42 100
72 43.1 39.7 59.5
71 40.6 36.6 55.0

Manual Integrations
APPROVED

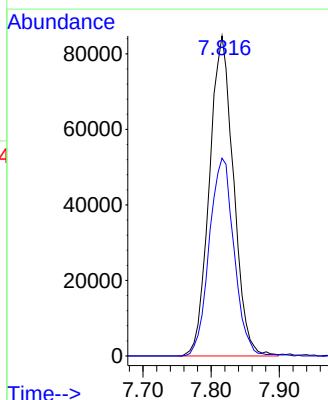
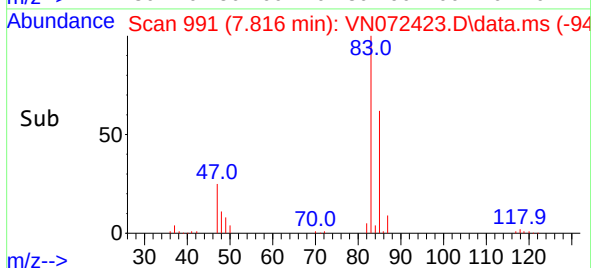
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

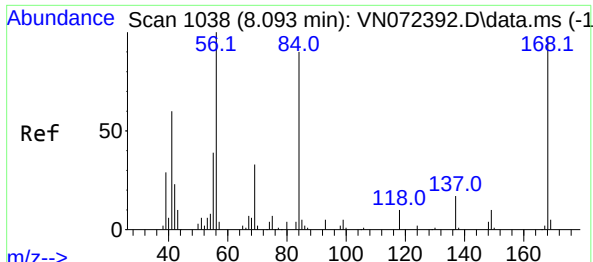


#30
Chloroform
Concen: 52.608 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



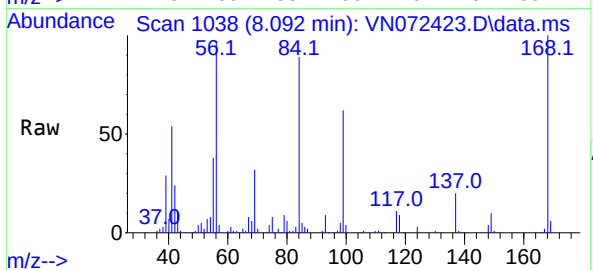
Tgt Ion: 83 Resp: 208810
Ion Ratio Lower Upper
83 100
85 61.8 51.8 77.8





#31
Cyclohexane
Concen: 44.364 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

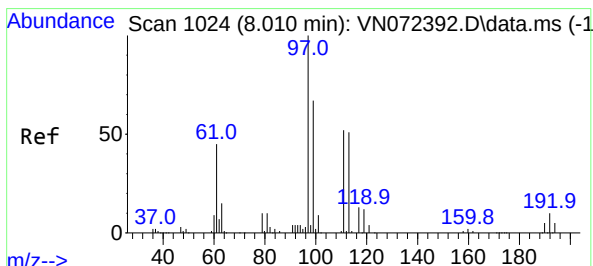
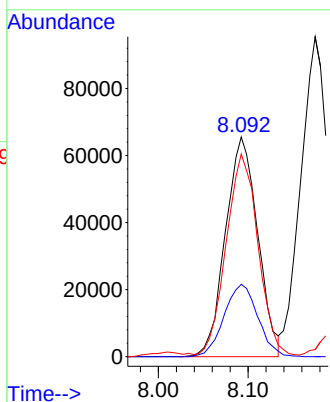
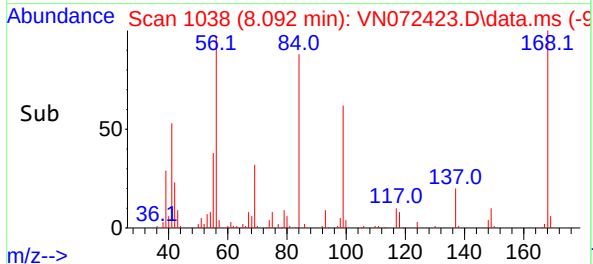
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



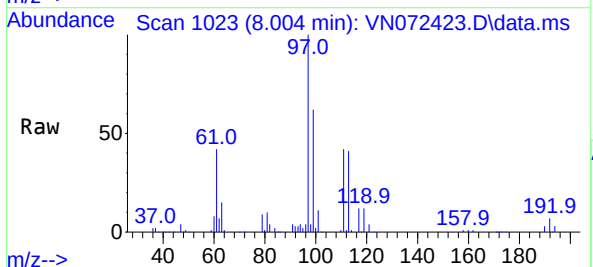
Tgt Ion: 56 Resp: 163508
Ion Ratio Lower Upper
56 100
69 32.9 27.8 41.8
84 90.7 76.9 115.3

Manual Integrations
APPROVED

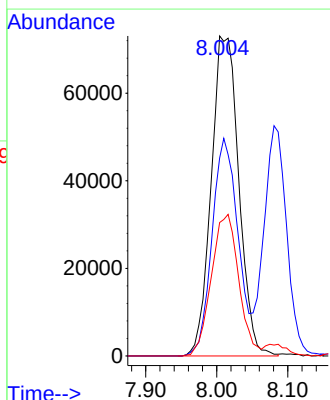
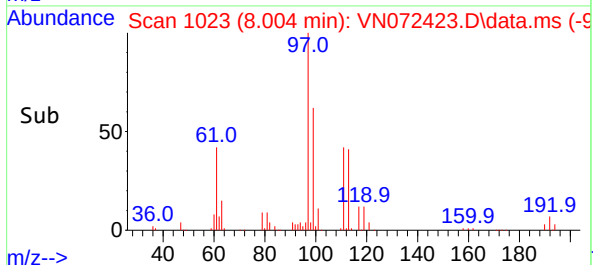
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

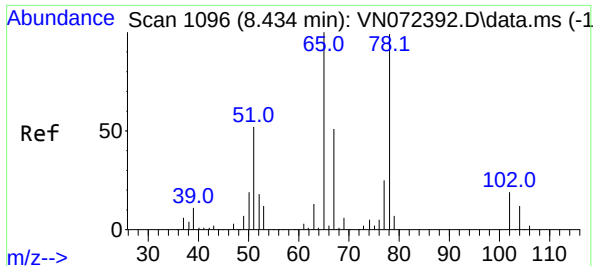


#32
1,1,1-Trichloroethane
Concen: 54.084 ug/l
RT: 8.004 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



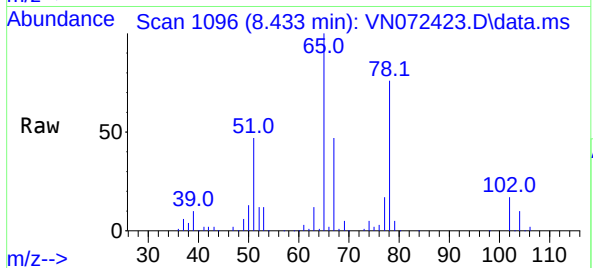
Tgt Ion: 97 Resp: 196893
Ion Ratio Lower Upper
97 100
99 63.2 50.6 76.0
61 44.1 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 55.854 ug/l
RT: 8.433 min Scan# 1107
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

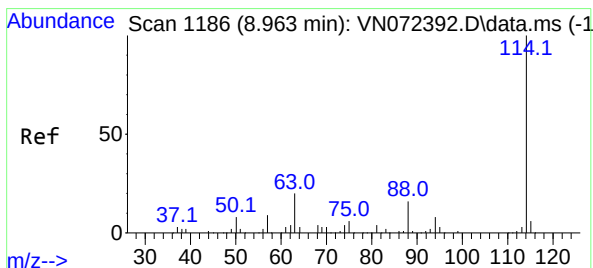
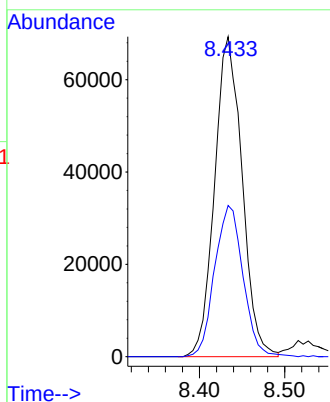
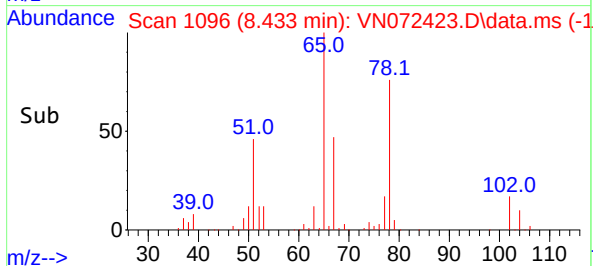
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



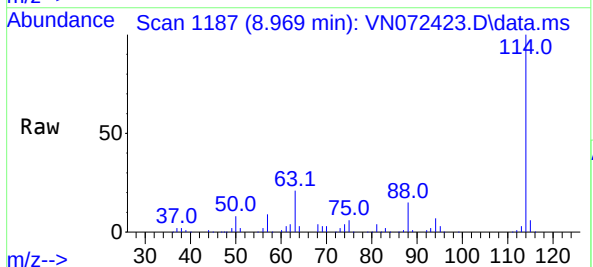
Tgt Ion: 65 Resp: 155350
Ion Ratio Lower Upper
65 100
67 48.7 0.0 104.8

Manual Integrations
APPROVED

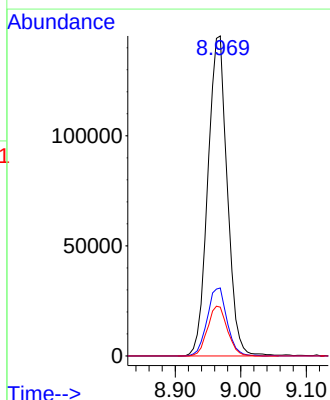
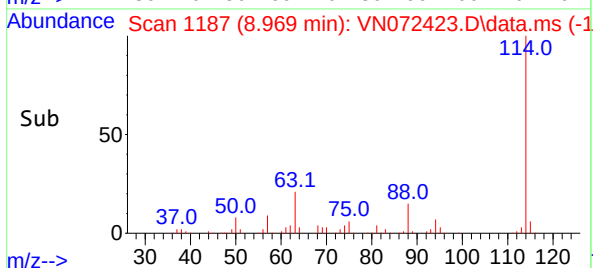
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

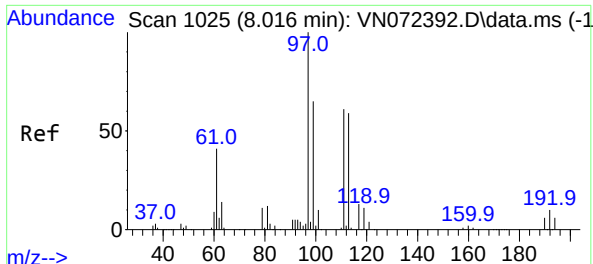


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



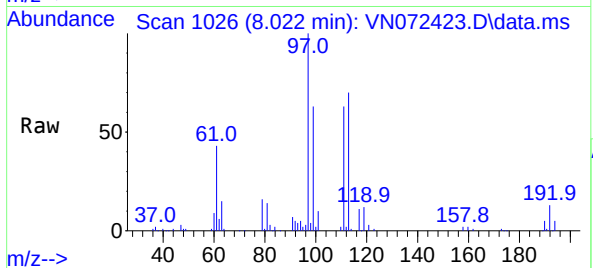
Tgt Ion:114 Resp: 298480
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 15.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 54.411 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

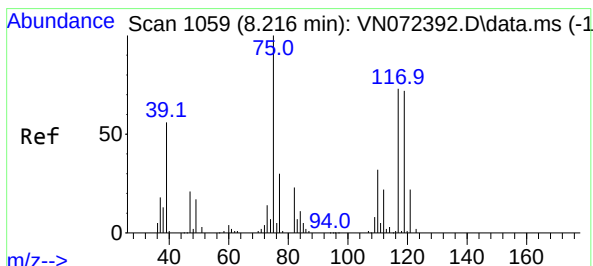
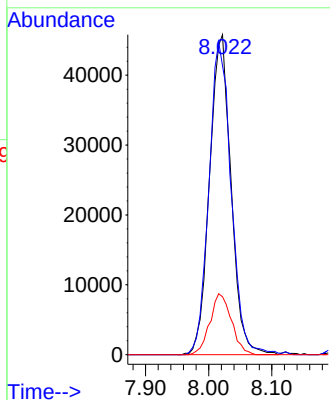
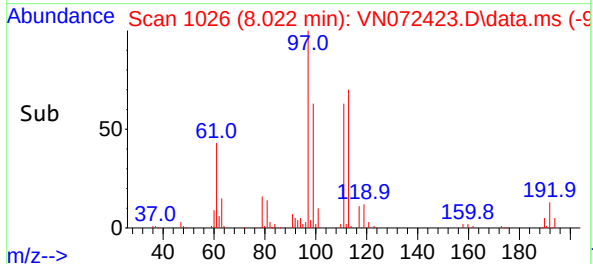
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



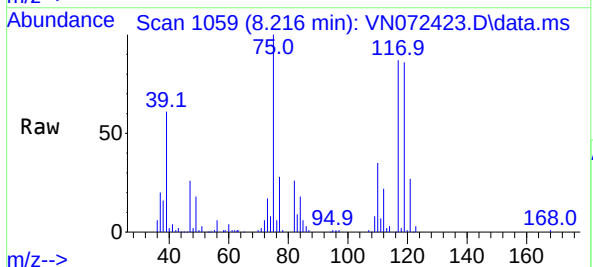
Tgt Ion: 113 Resp: 108048
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 19.2 17.0 25.6

Manual Integrations
APPROVED

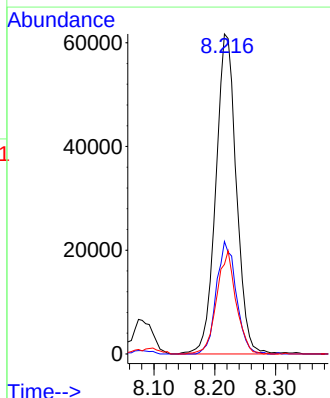
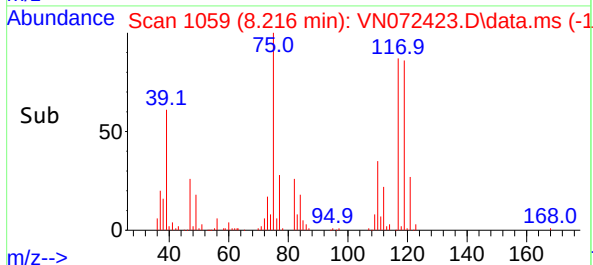
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

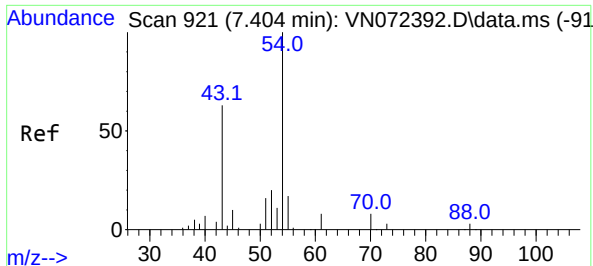


#36
1,1-Dichloropropene
Concen: 50.644 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



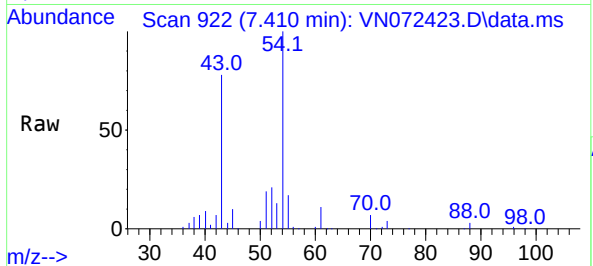
Tgt Ion: 75 Resp: 144444
Ion Ratio Lower Upper
75 100
110 33.8 18.3 54.8
77 30.4 25.1 37.7





#37
Ethyl Acetate
Concen: 48.981 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

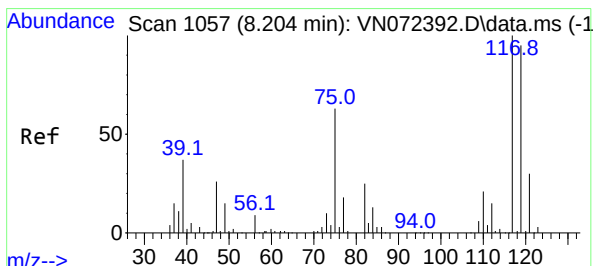
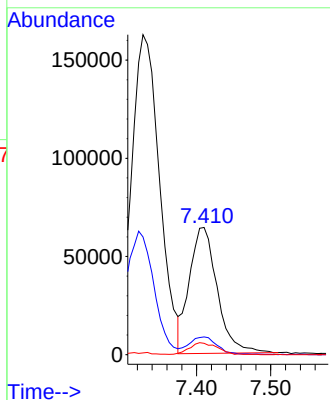
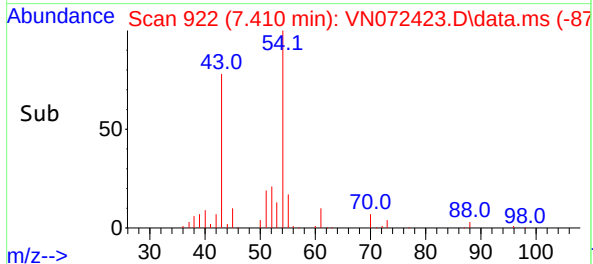
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



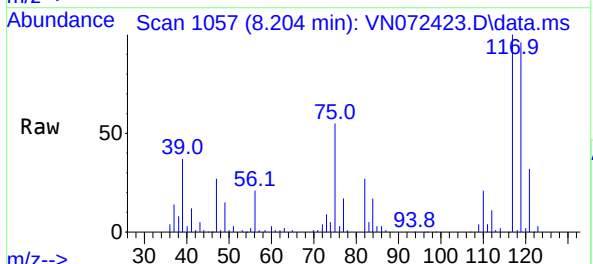
Tgt Ion: 43 Resp: 167614
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 9.7 9.3 13.9

Manual Integrations
APPROVED

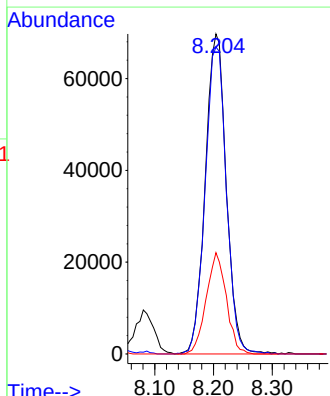
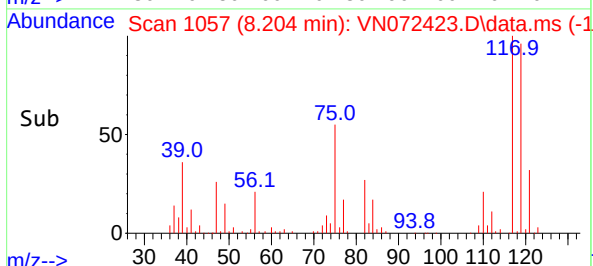
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

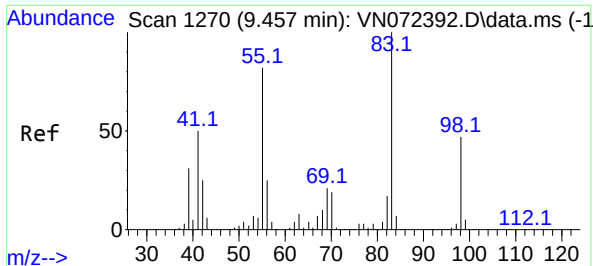


#38
Carbon Tetrachloride
Concen: 54.241 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



Tgt Ion:117 Resp: 173141
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
121 31.6 24.6 37.0





#39

Methylcyclohexane

Concen: 52.074 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072423.D

Acq: 11 May 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20220509MS

Tgt Ion: 83 Resp: 16692

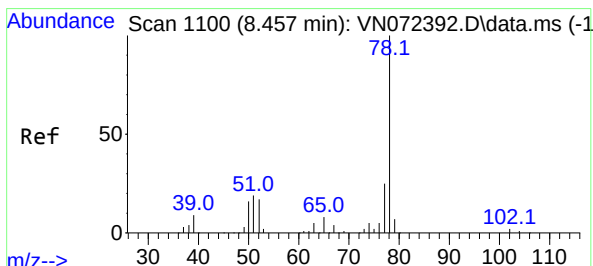
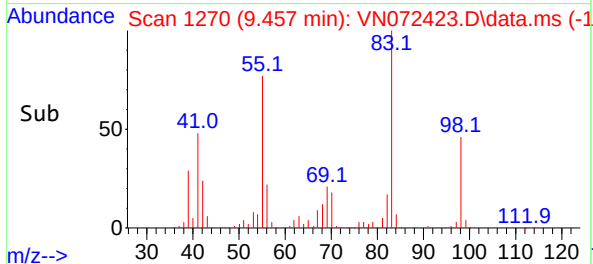
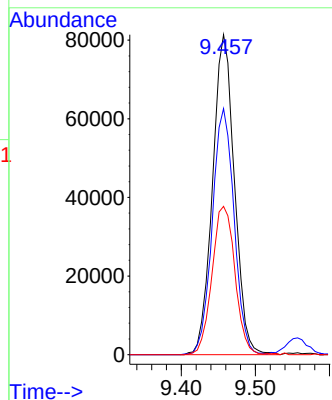
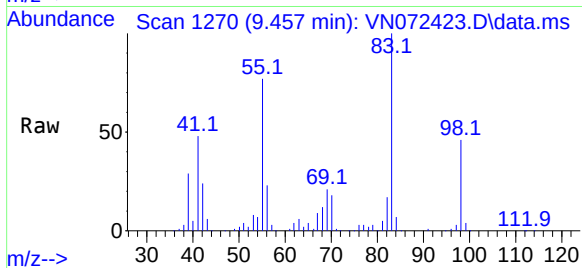
Ion	Ratio	Lower	Upper
83	100		
55	76.9	57.8	86.8
98	46.4	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#40

Benzene

Concen: 49.648 ug/l

RT: 8.457 min Scan# 1100

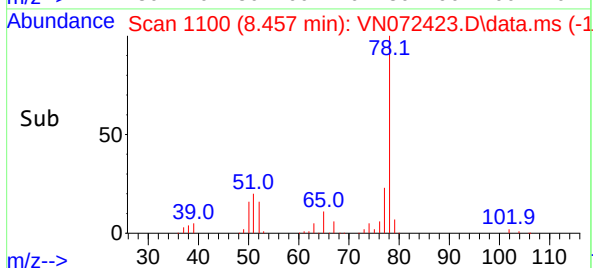
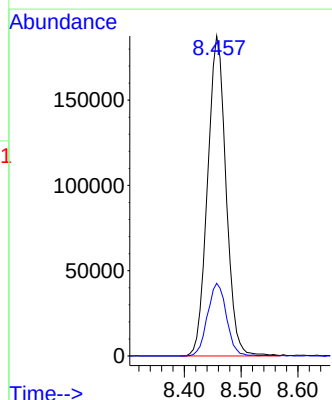
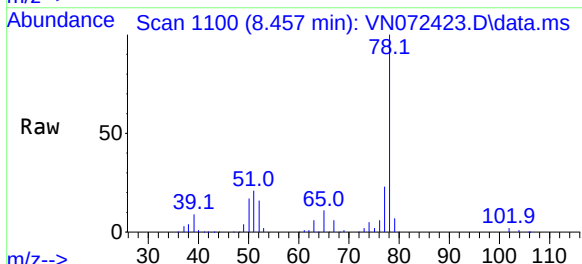
Delta R.T. 0.000 min

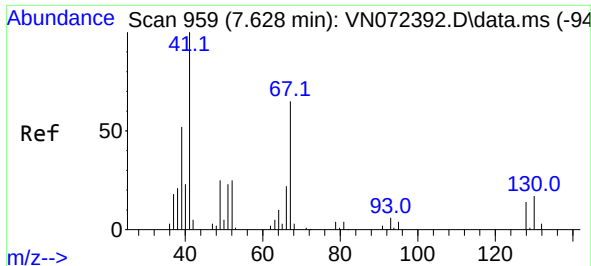
Lab File: VN072423.D

Acq: 11 May 2022 17:40

Tgt Ion: 78 Resp: 423011

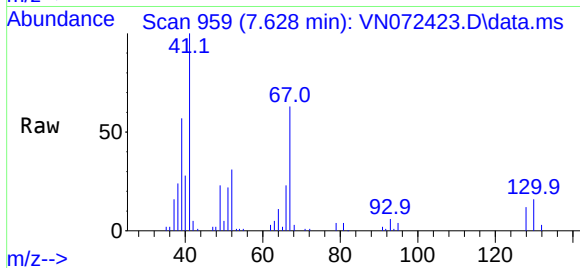
Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.4	29.0





#41
Methacrylonitrile
Concen: 54.248 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

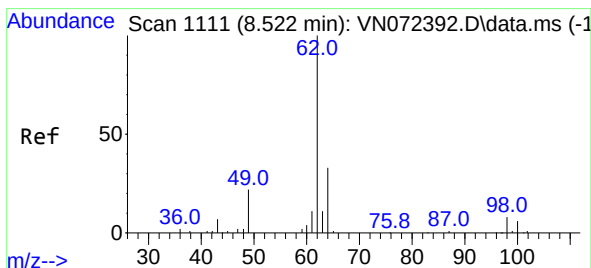
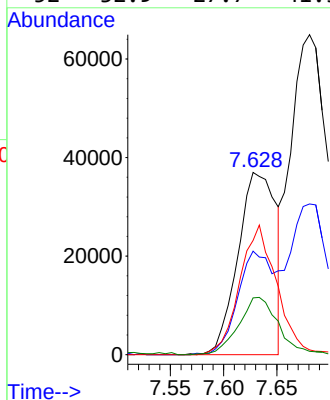
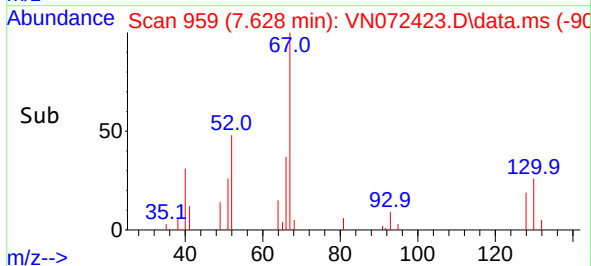
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



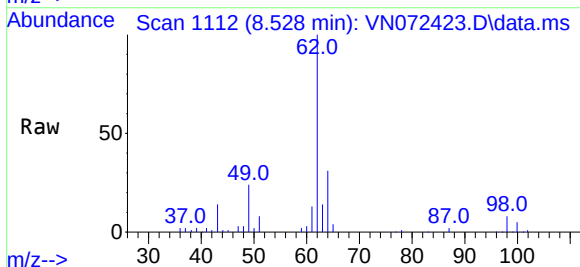
Tgt Ion: 41 Resp: 91918
Ion Ratio Lower Upper
41 100
39 49.1 48.6 73.0
67 69.7 73.4 110.2
52 32.9 27.7 41.5

Manual Integrations
APPROVED

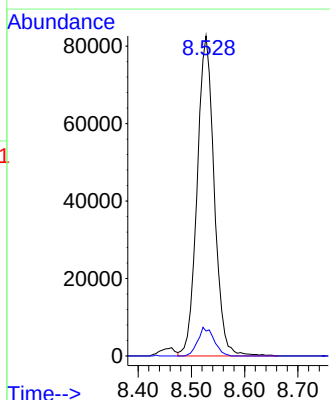
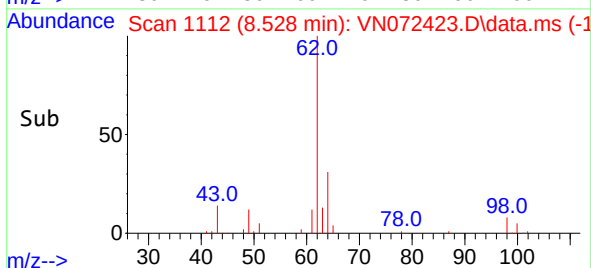
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

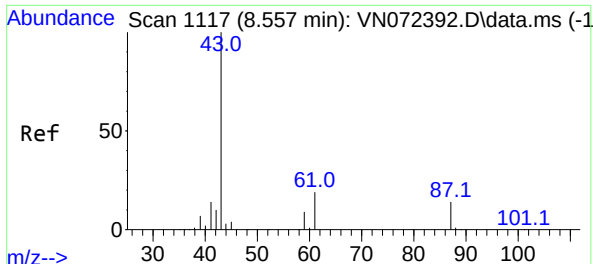


#42
1,2-Dichloroethane
Concen: 53.682 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



Tgt Ion: 62 Resp: 183838
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.4





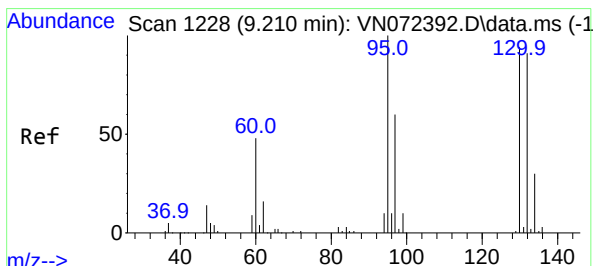
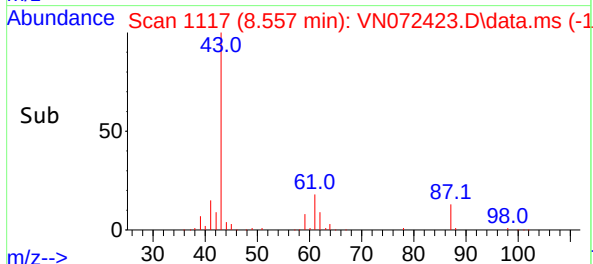
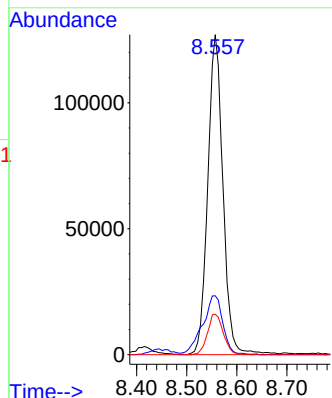
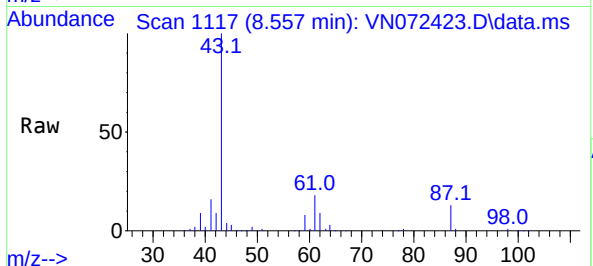
#43
Isopropyl Acetate
Concen: 50.870 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS

Tgt Ion: 43 Resp: 26738
Ion Ratio Lower Upper
43 100
61 24.7 21.9 32.9
87 13.2 12.0 18.0

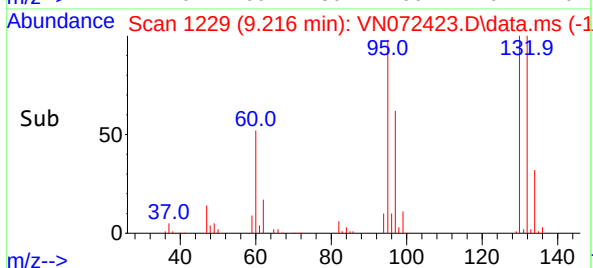
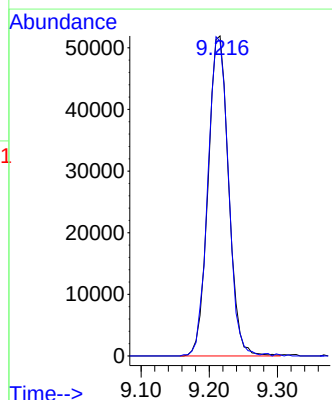
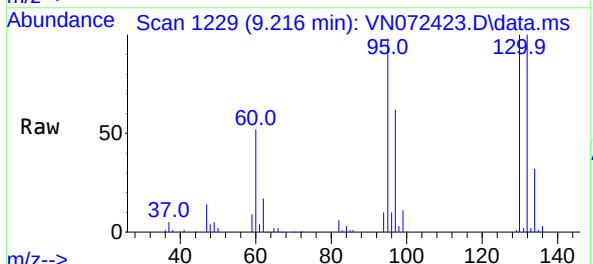
Manual Integrations
APPROVED

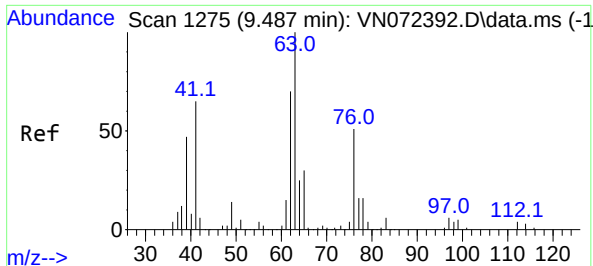
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#44
Trichloroethene
Concen: 50.182 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

Tgt Ion:130 Resp: 108541
Ion Ratio Lower Upper
130 100
95 98.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.767 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.001 min

Lab File: VN072423.D

Acq: 11 May 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20220509MS

Tgt Ion: 63 Resp: 10828

Ion Ratio Lower Upper

63 100

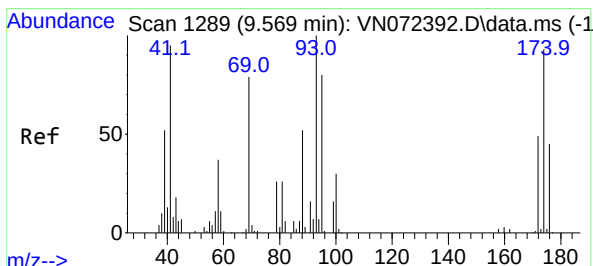
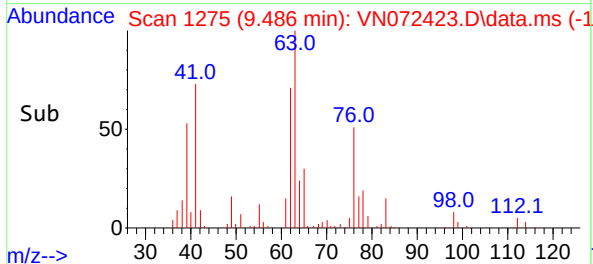
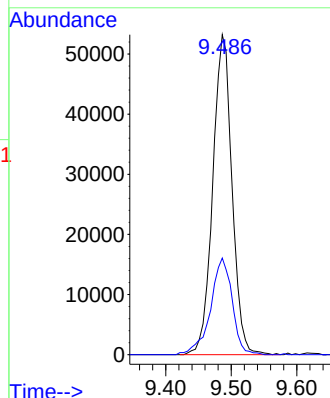
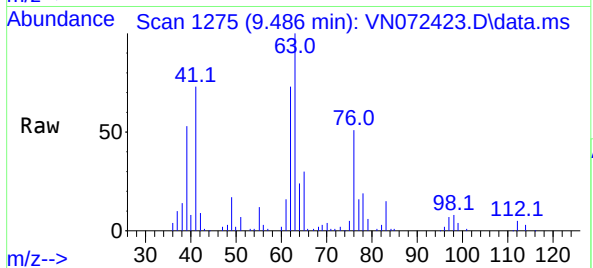
65 30.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#46

Dibromomethane

Concen: 51.742 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN072423.D

Acq: 11 May 2022 17:40

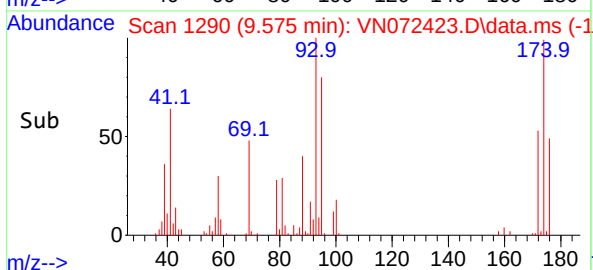
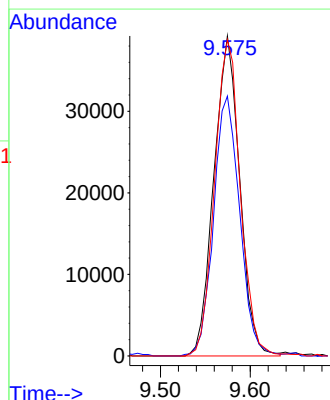
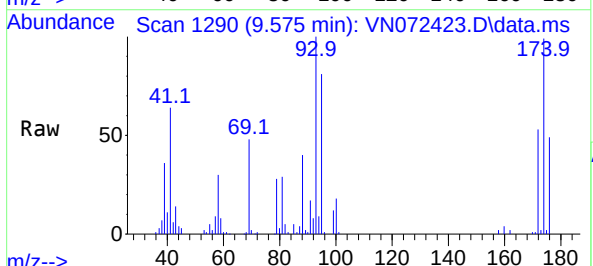
Tgt Ion: 93 Resp: 78392

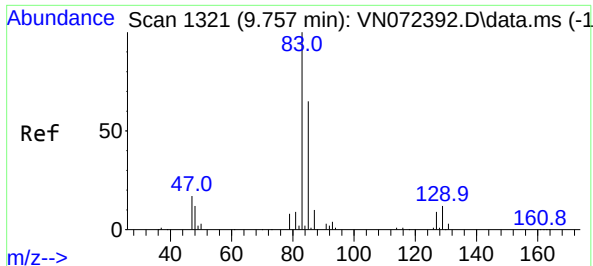
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

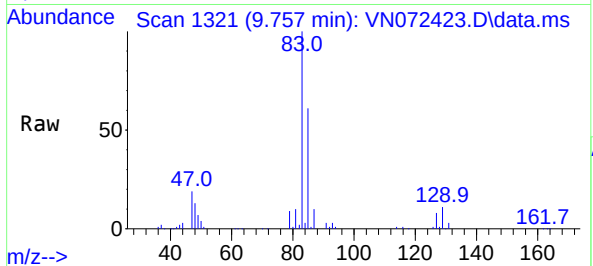
174 98.8 86.6 130.0





#47
Bromodichloromethane
Concen: 54.299 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

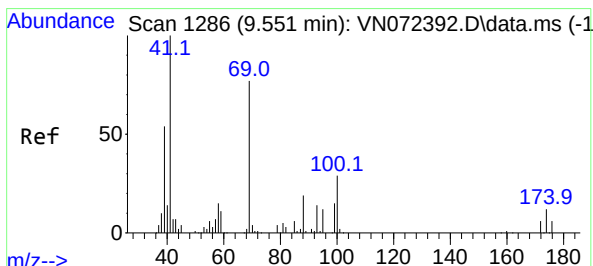
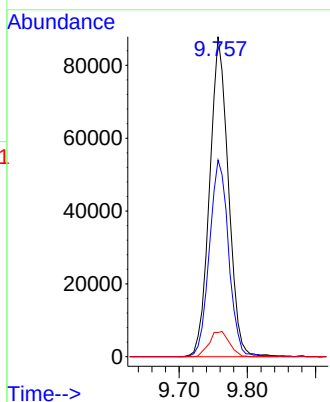
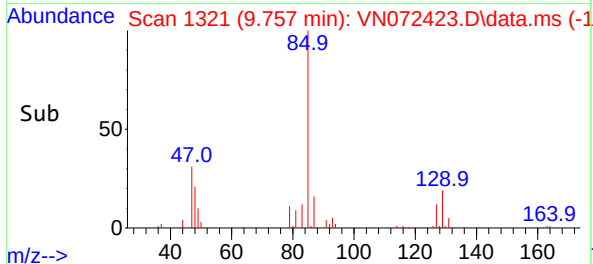
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



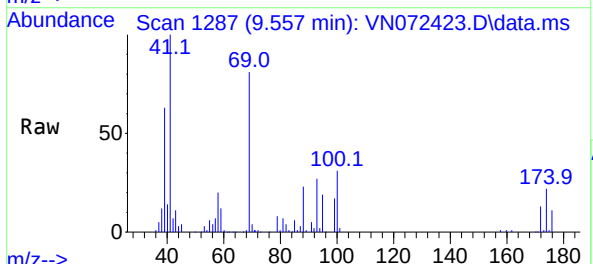
Tgt Ion: 83 Resp: 167715
Ion Ratio Lower Upper
83 100
85 61.5 50.5 75.7
127 7.5 6.8 10.2

Manual Integrations
APPROVED

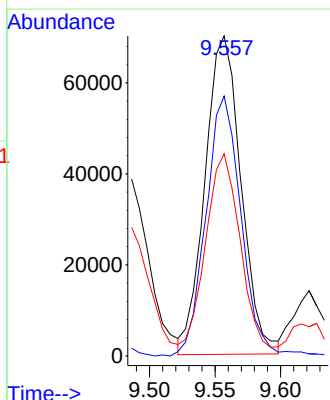
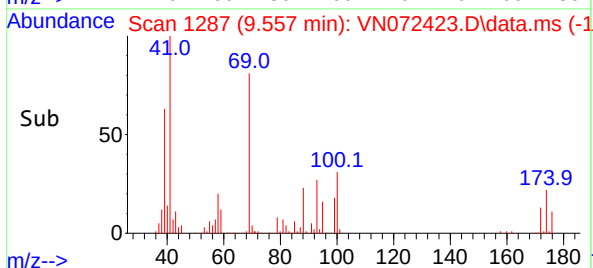
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

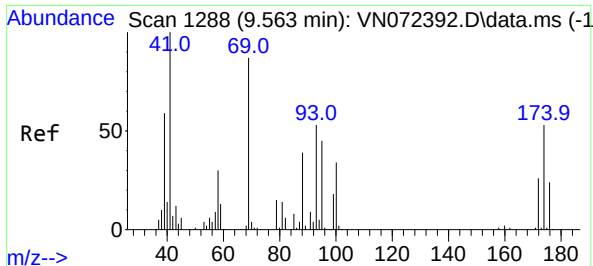


#48
Methyl methacrylate
Concen: 54.640 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



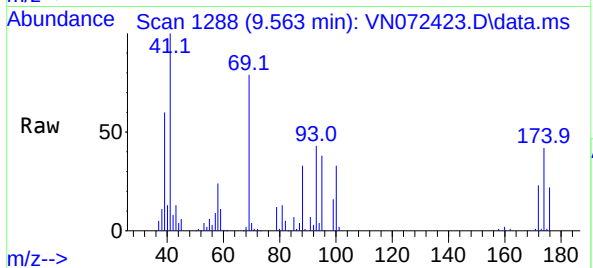
Tgt Ion: 41 Resp: 133995
Ion Ratio Lower Upper
41 100
69 79.9 74.7 112.1
39 61.3 45.6 68.4





#49
1,4-Dioxane
Concen: 1034.293 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

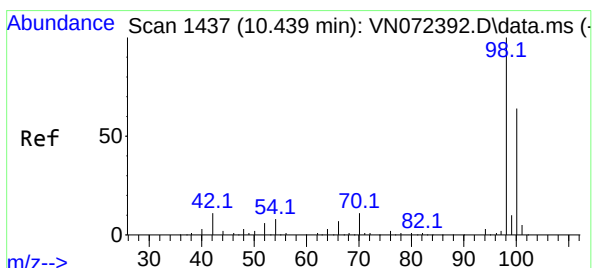
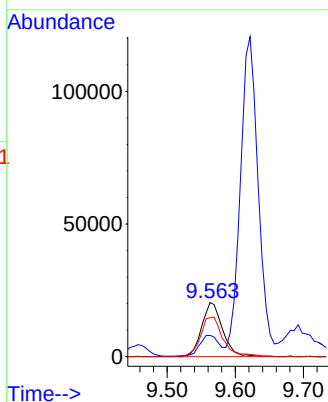
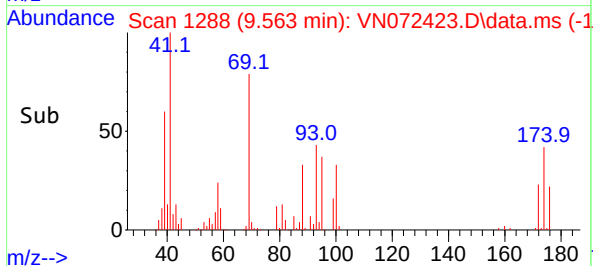
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



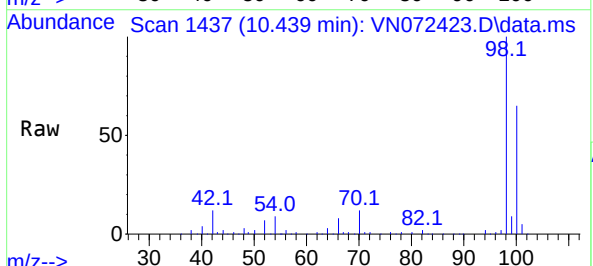
Tgt Ion: 88 Resp: 4326
Ion Ratio Lower Upper
88 100
43 38.9 20.2 30.4
58 79.8 54.2 81.4

Manual Integrations
APPROVED

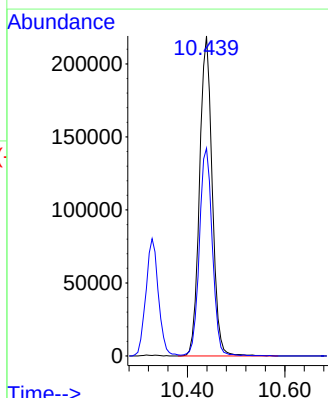
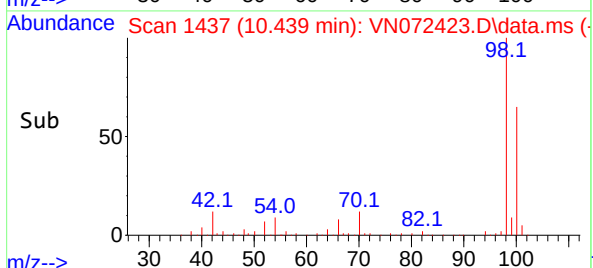
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

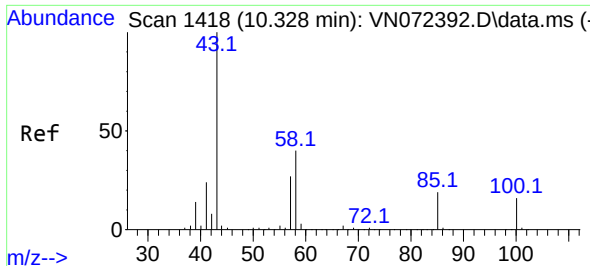


#50
Toluene-d8
Concen: 52.184 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



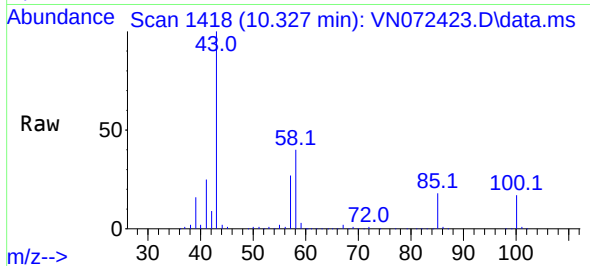
Tgt Ion: 98 Resp: 394657
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 267.304 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

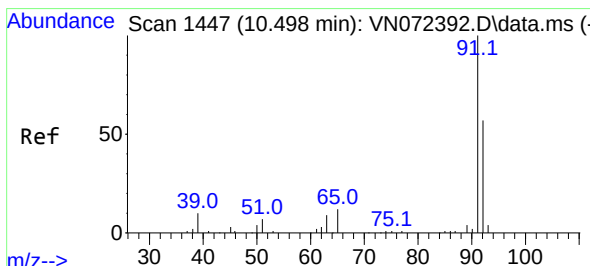
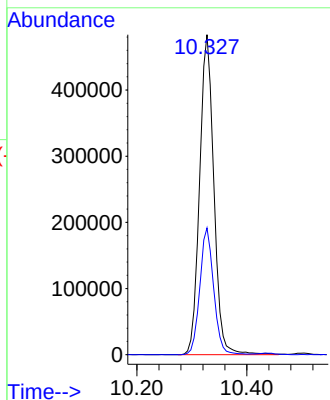
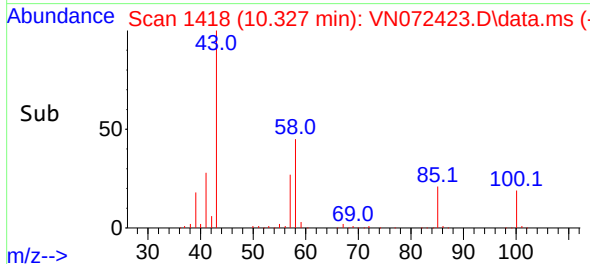
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



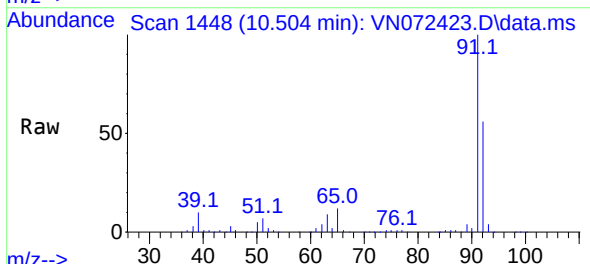
Tgt Ion: 43 Resp: 872428
Ion Ratio Lower Upper
43 100
58 38.4 34.1 51.1

Manual Integrations
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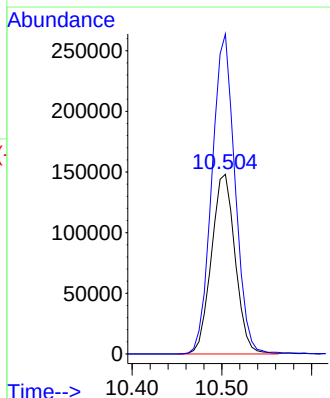
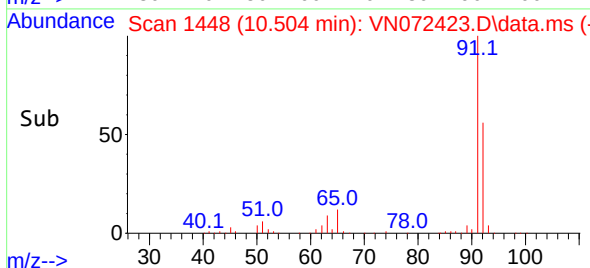
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

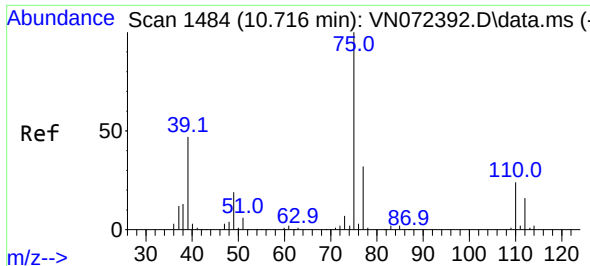


#52
Toluene
Concen: 51.850 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



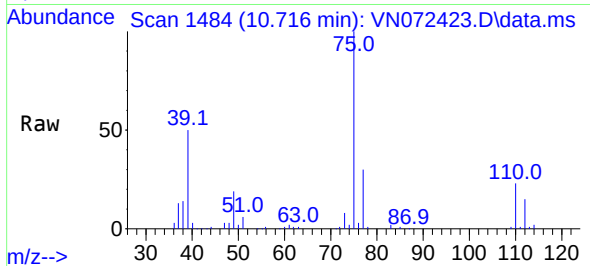
Tgt Ion: 92 Resp: 272408
Ion Ratio Lower Upper
92 100
91 174.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 54.369 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

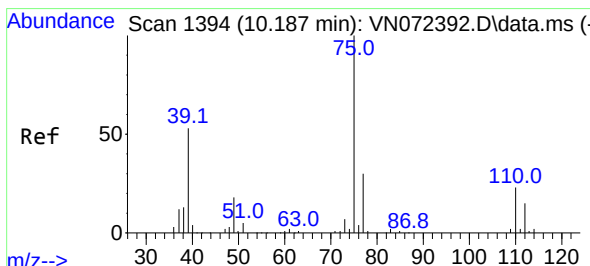
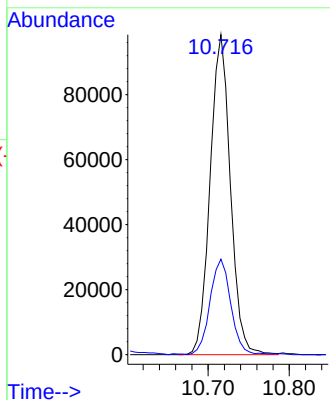
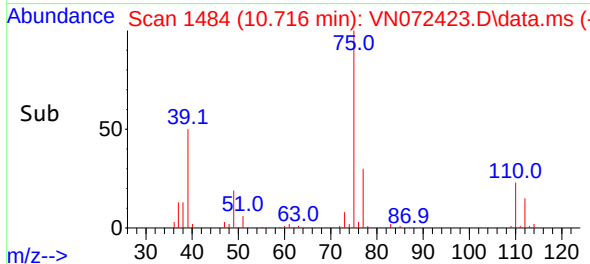
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



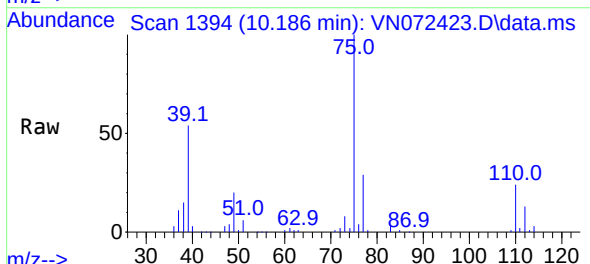
Tgt Ion: 75 Resp: 170937
Ion Ratio Lower Upper
75 100
77 29.7 25.6 38.4

Manual Integrations
APPROVED

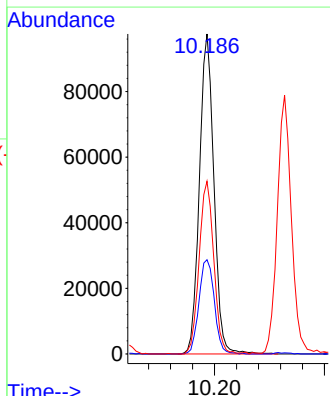
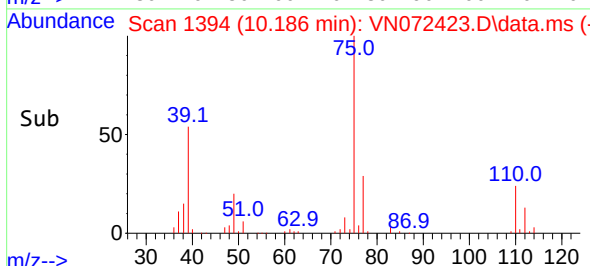
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

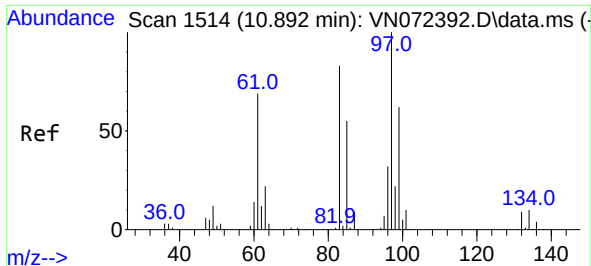


#54
cis-1,3-Dichloropropene
Concen: 53.239 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



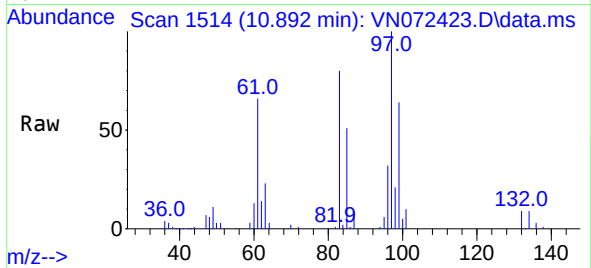
Tgt Ion: 75 Resp: 178585
Ion Ratio Lower Upper
75 100
77 29.4 25.2 37.8
39 53.9 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 50.758 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS

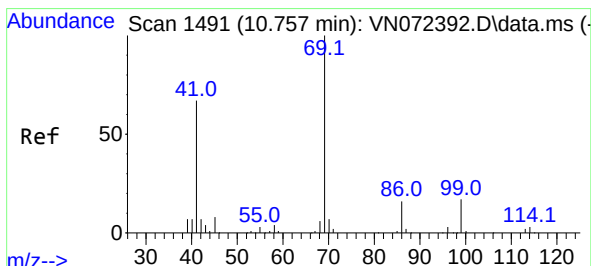
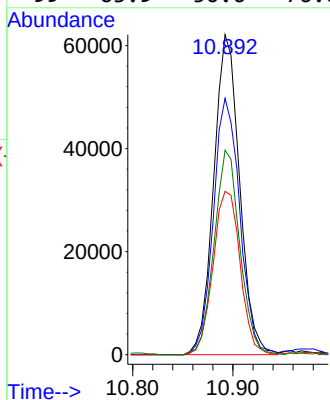
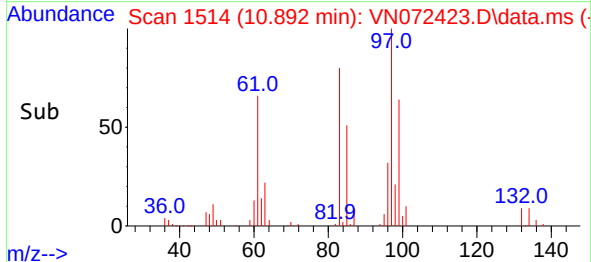


Tgt Ion: 97 Resp: 11109

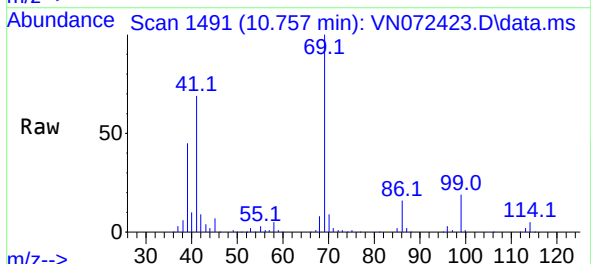
Ion	Ratio	Lower	Upper
97	100		
83	80.1	66.2	99.4
85	51.0	43.9	65.9
99	63.9	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

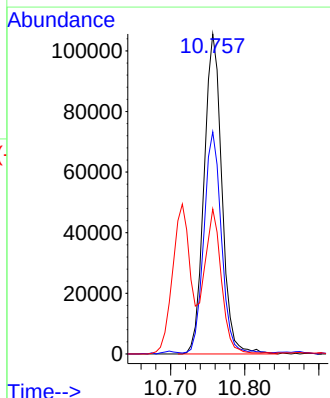
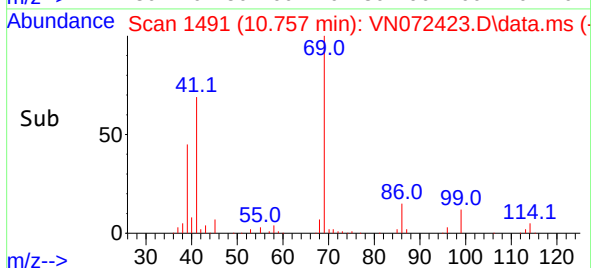


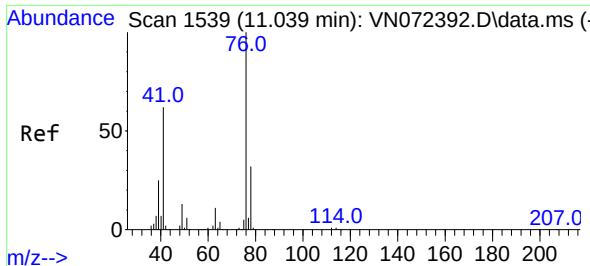
#56
Ethyl methacrylate
Concen: 56.125 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



Tgt Ion: 69 Resp: 176052

Ion	Ratio	Lower	Upper
69	100		
41	67.7	47.8	71.6
39	42.9	27.3	40.9





#57

1,3-Dichloropropane

Concen: 51.440 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072423.D

Acq: 11 May 2022 17:40

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20220509MS

Tgt Ion: 76 Resp: 191714

Ion Ratio Lower Upper

76 100

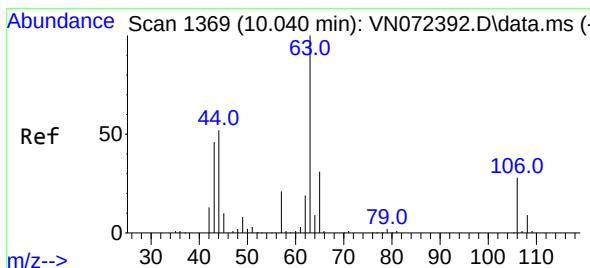
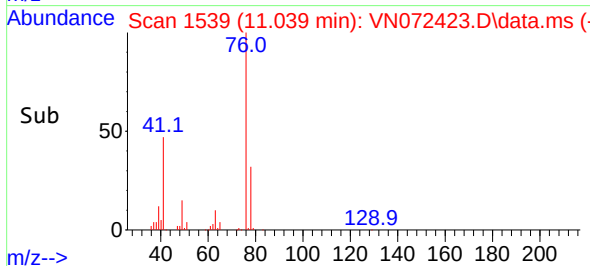
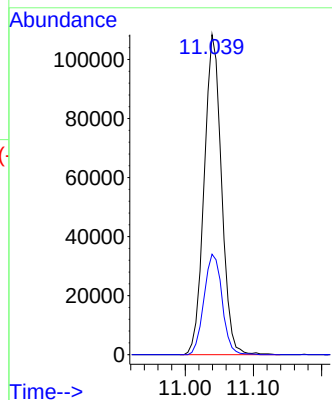
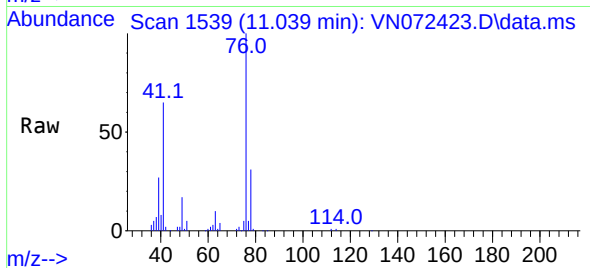
78 32.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 248.233 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. -0.001 min

Lab File: VN072423.D

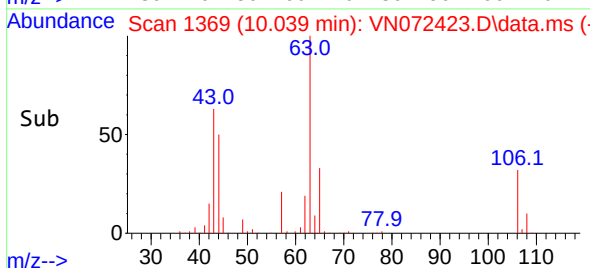
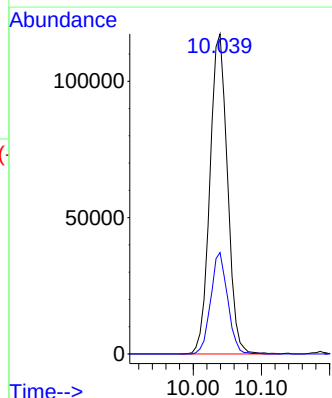
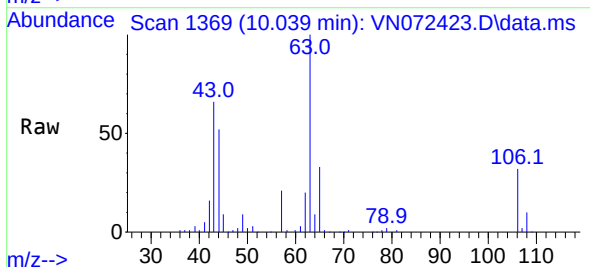
Acq: 11 May 2022 17:40

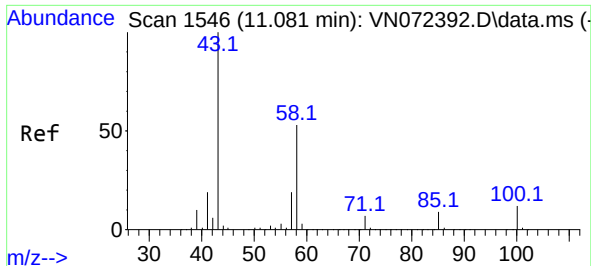
Tgt Ion: 63 Resp: 210378

Ion Ratio Lower Upper

63 100

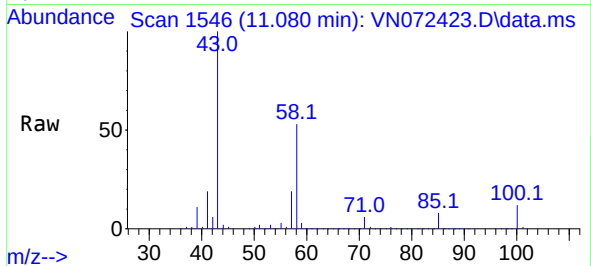
106 30.5 24.6 36.8





#59
2-Hexanone
Concen: 279.904 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

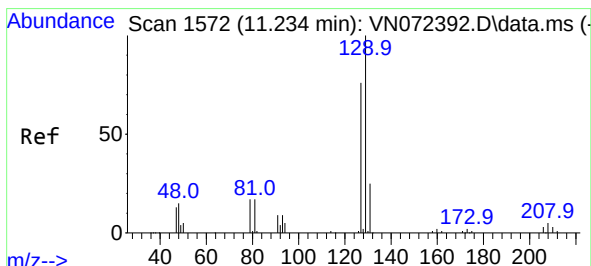
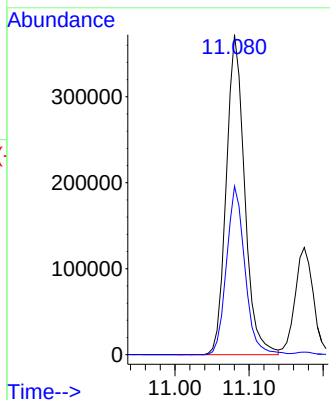
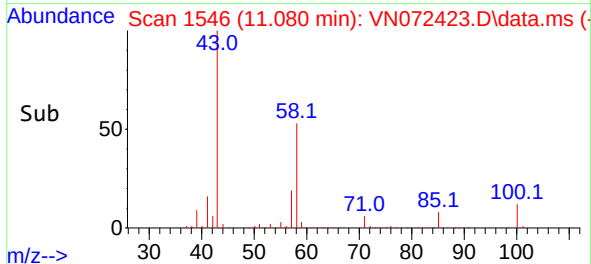
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



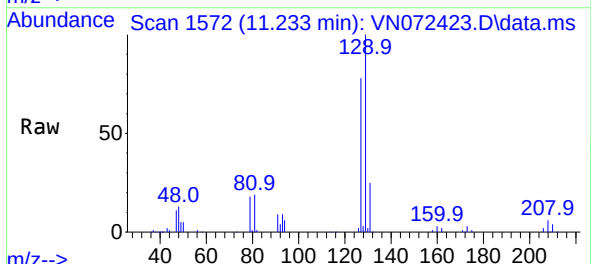
Tgt Ion: 43 Resp: 640560
Ion Ratio Lower Upper
43 100
58 52.8 29.7 89.1

Manual Integrations
APPROVED

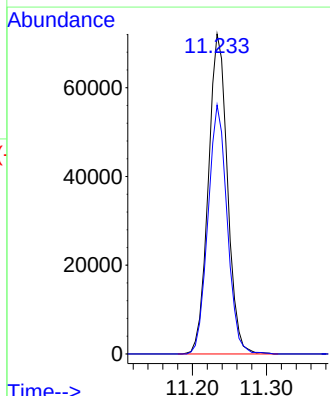
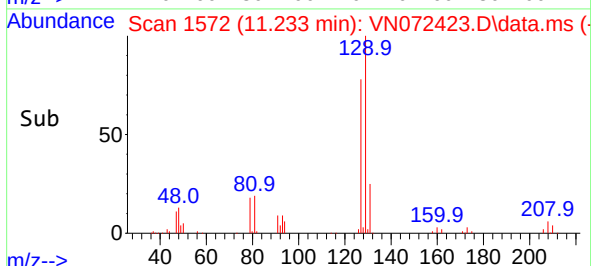
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

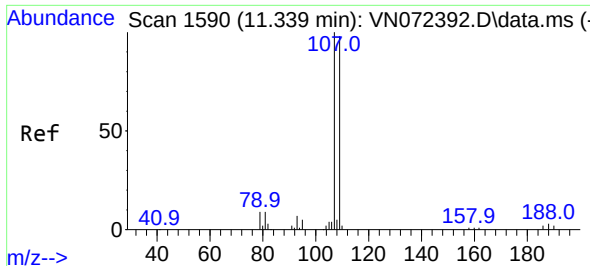


#60
Dibromochloromethane
Concen: 55.580 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



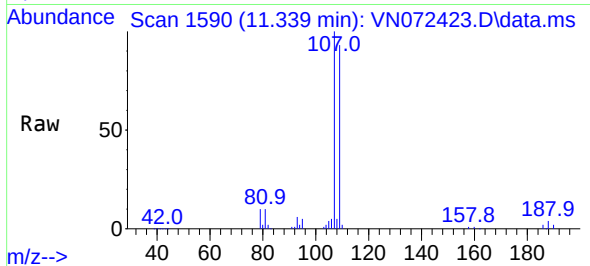
Tgt Ion:129 Resp: 129221
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.187 ug/l
RT: 11.339 min Scan# 116010
Delta R.T. 0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

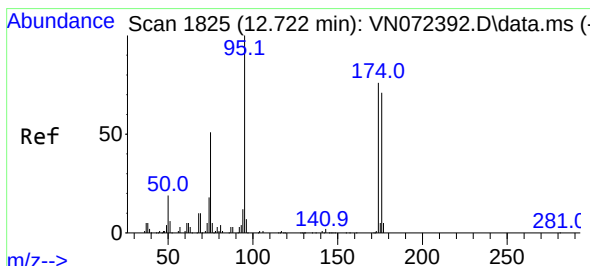
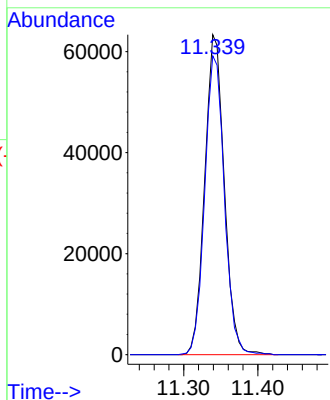
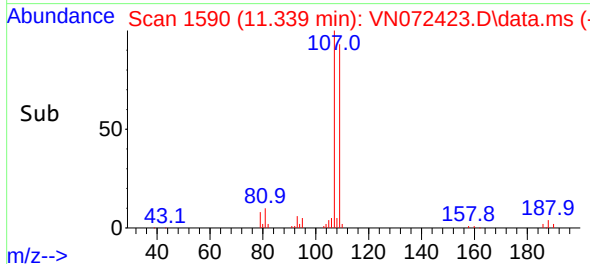
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



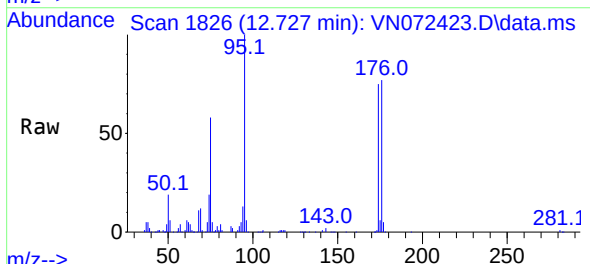
Tgt Ion:107 Resp: 116010
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.6

Manual Integrations
APPROVED

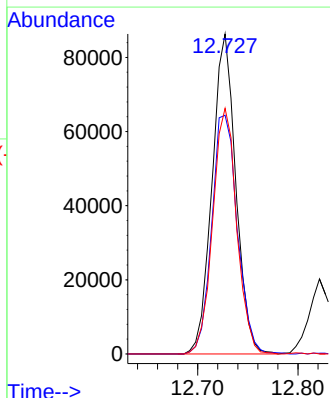
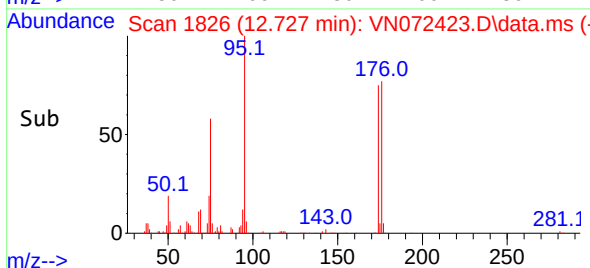
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

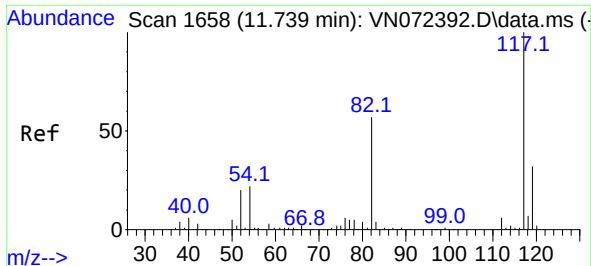


#62
4-Bromofluorobenzene
Concen: 56.413 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



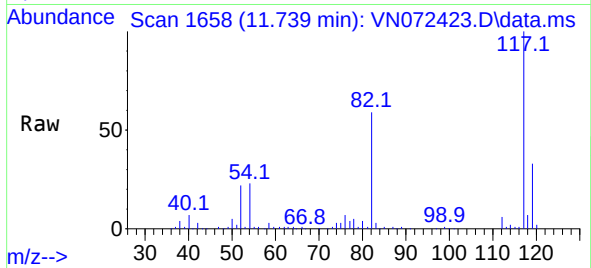
Tgt Ion: 95 Resp: 141691
Ion Ratio Lower Upper
95 100
174 80.7 0.0 167.6
176 77.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

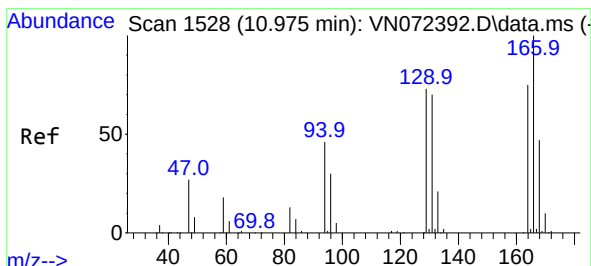
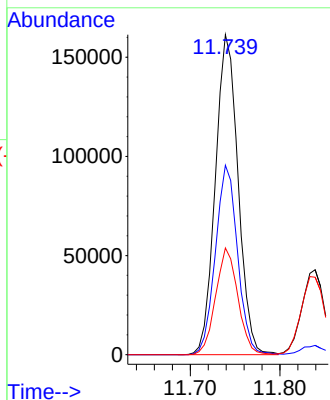
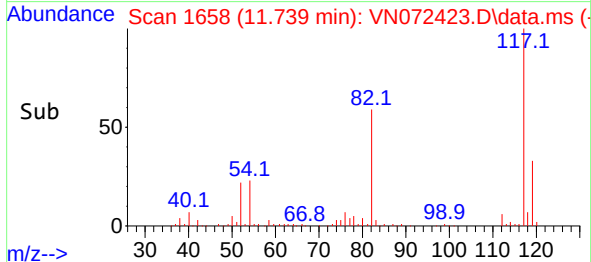
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



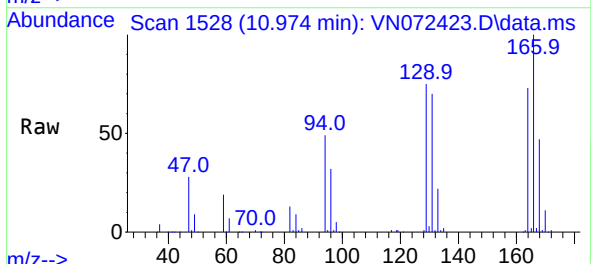
Tgt Ion:117 Resp: 284079
Ion Ratio Lower Upper
117 100
82 59.2 44.2 66.2
119 33.4 25.4 38.0

Manual Integrations
APPROVED

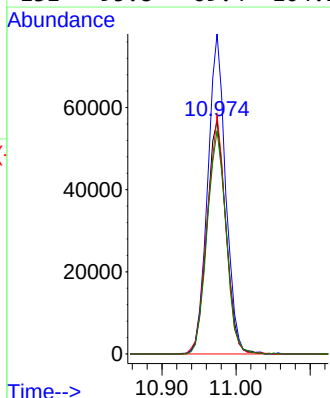
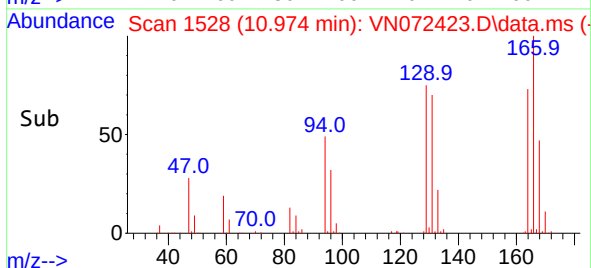
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

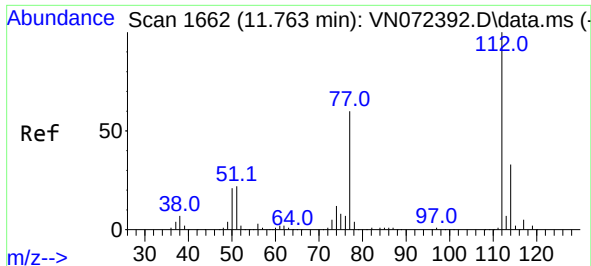


#64
Tetrachloroethene
Concen: 49.855 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



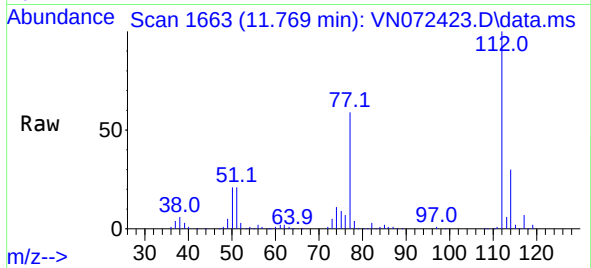
Tgt Ion:164 Resp: 101943
Ion Ratio Lower Upper
164 100
166 137.4 104.2 156.2
129 102.5 73.9 110.9
131 95.8 69.4 104.2





#65
Chlorobenzene
Concen: 49.327 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

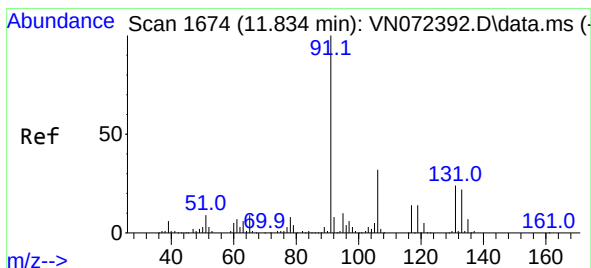
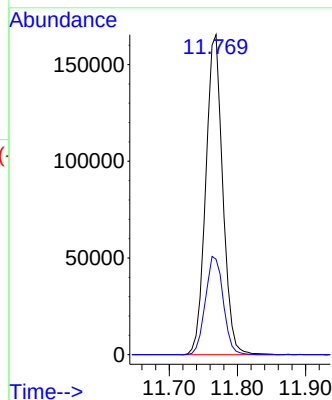
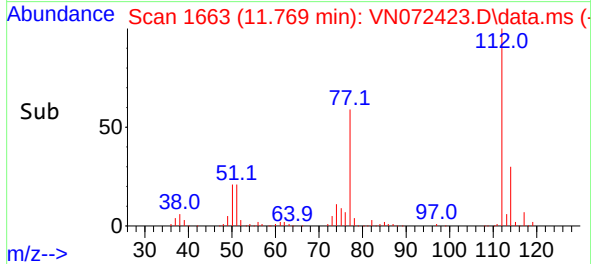
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



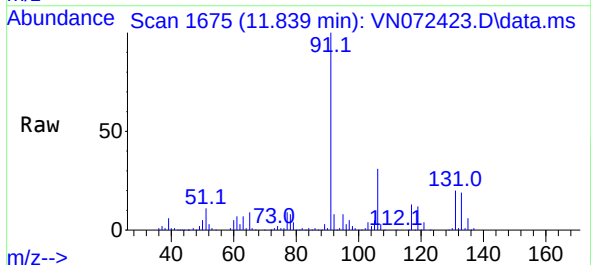
Tgt Ion:112 Resp: 286294
Ion Ratio Lower Upper
112 100
114 29.9 25.4 38.2

Manual Integrations
APPROVED

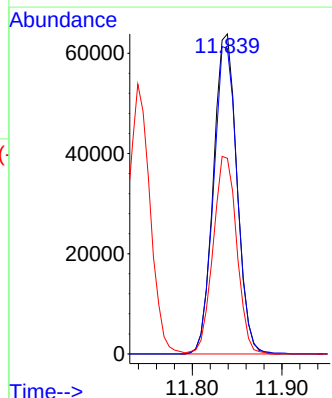
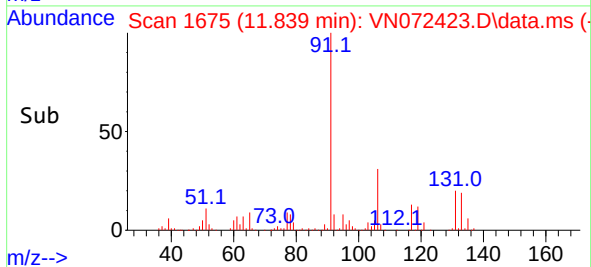
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

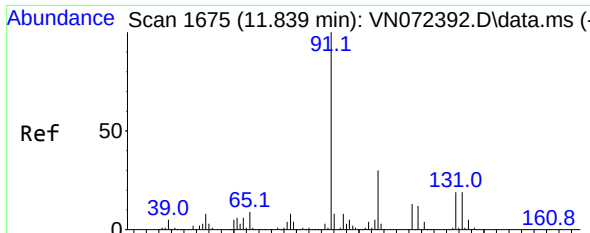


#66
1,1,1,2-Tetrachloroethane
Concen: 49.923 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.005 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



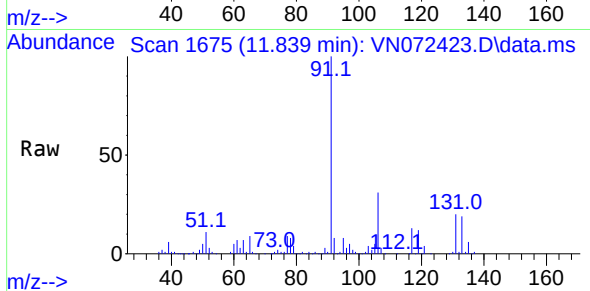
Tgt Ion:131 Resp: 115974
Ion Ratio Lower Upper
131 100
133 97.0 47.8 143.4
119 62.3 33.4 100.2





#67
Ethyl Benzene
Concen: 53.291 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

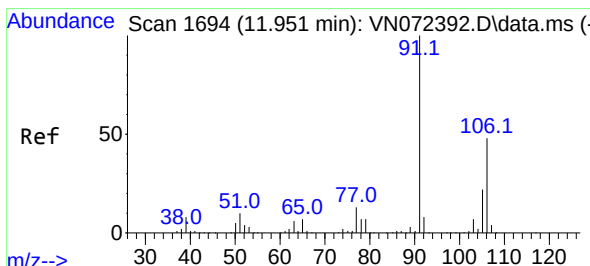
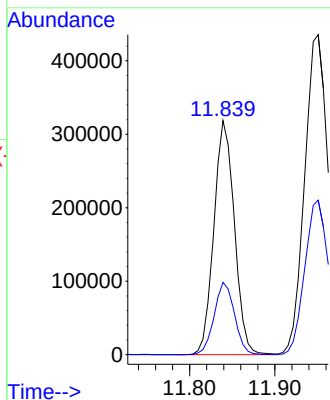
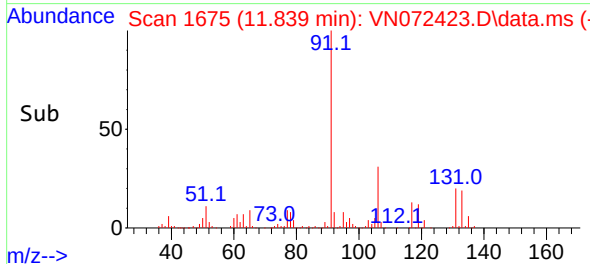
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



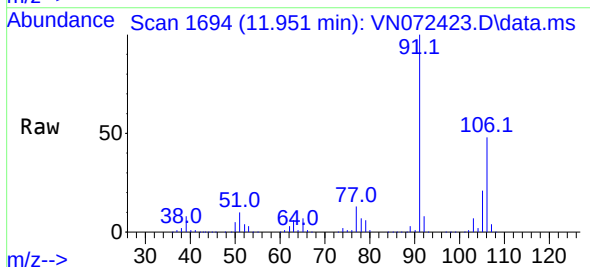
Tgt Ion: 91 Resp: 533654
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

Manual Integrations
APPROVED

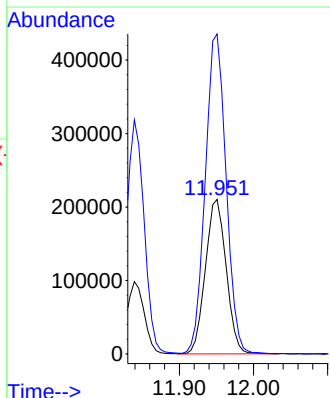
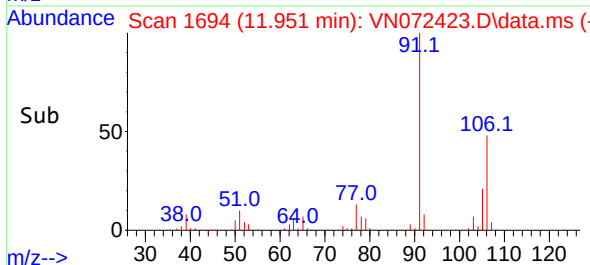
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

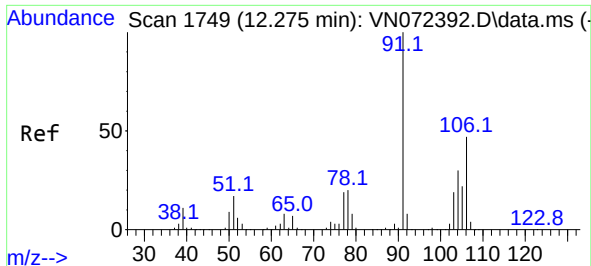


#68
m/p-Xylenes
Concen: 107.819 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



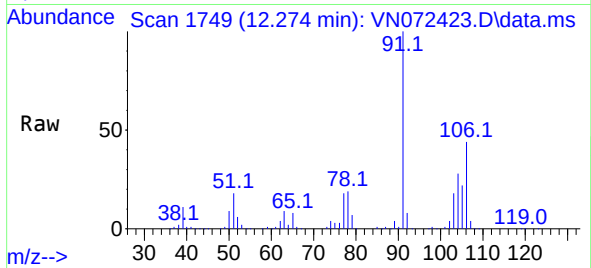
Tgt Ion:106 Resp: 409499
Ion Ratio Lower Upper
106 100
91 207.7 158.9 238.3





#69
o-Xylene
Concen: 52.916 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

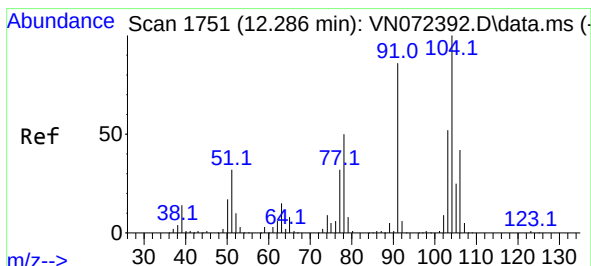
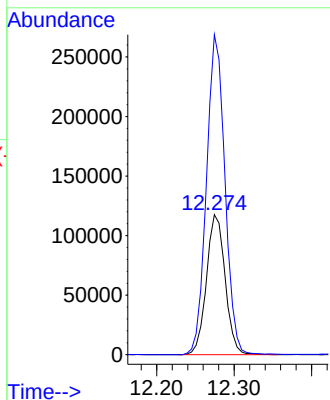
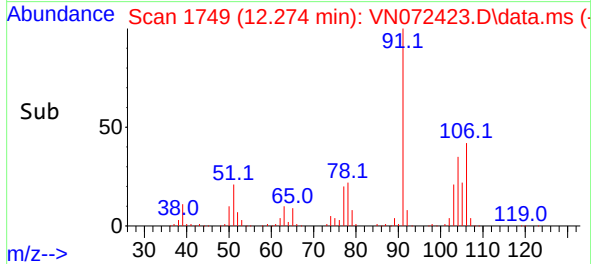
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



Tgt Ion:106 Resp: 197460
Ion Ratio Lower Upper
106 100
91 226.3 106.0 318.0

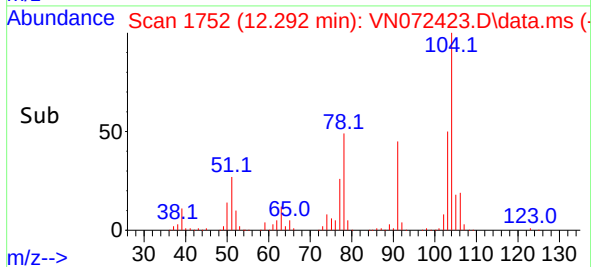
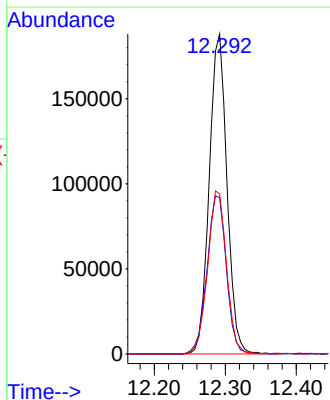
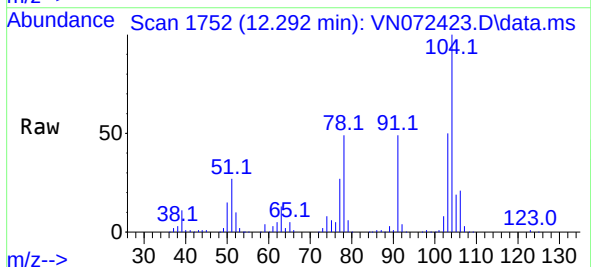
Manual Integrations
APPROVED

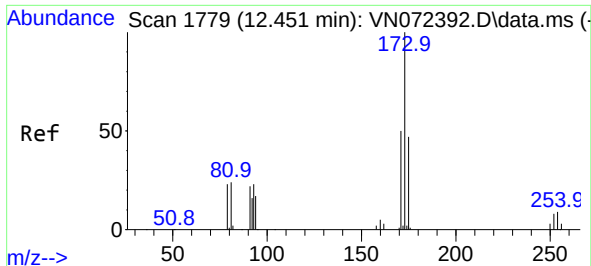
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#70
Styrene
Concen: 57.106 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

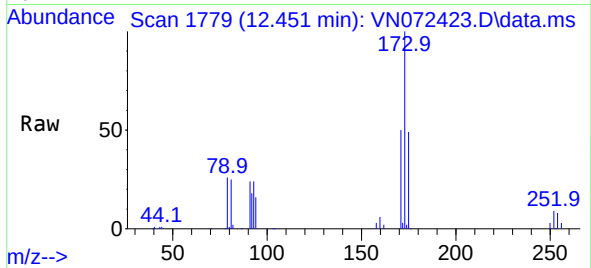
Tgt Ion:104 Resp: 326009
Ion Ratio Lower Upper
104 100
78 53.9 39.5 59.3
103 54.2 44.0 66.0





#71
Bromoform
Concen: 56.362 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

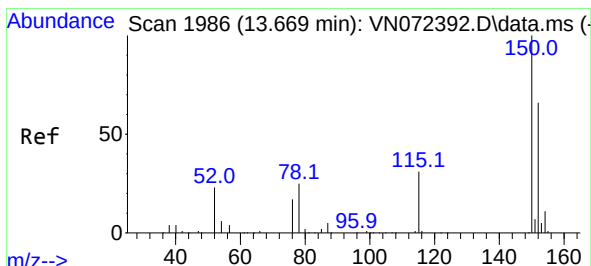
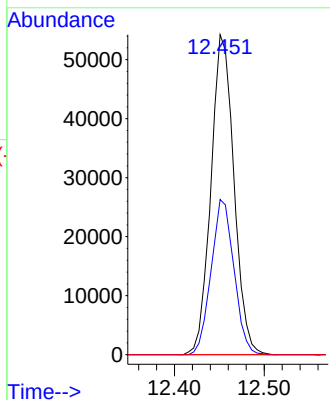
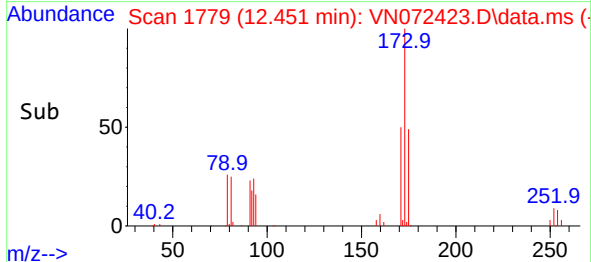
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



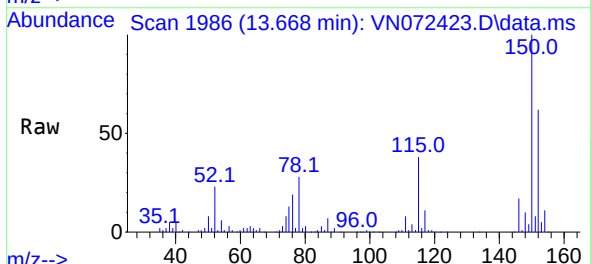
Tgt Ion:173 Resp: 96584
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

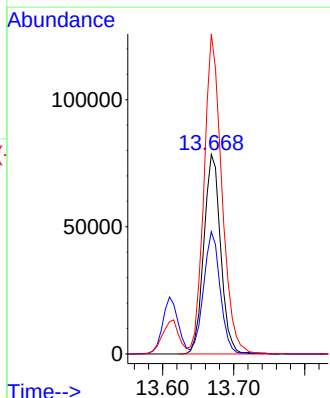
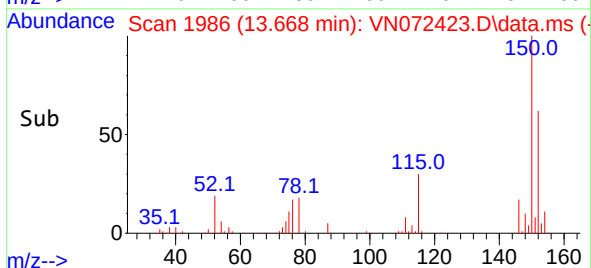
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

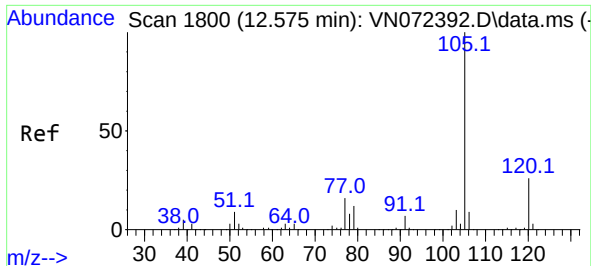


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



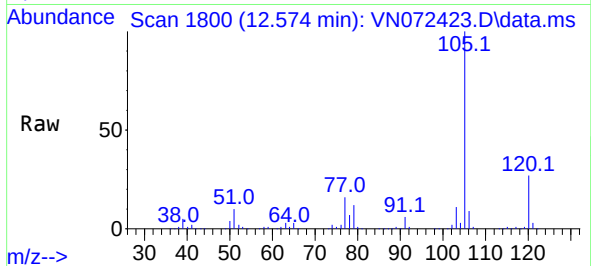
Tgt Ion:152 Resp: 129404
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.7
150 170.0 0.0 356.2





#73
Isopropylbenzene
Concen: 49.710 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

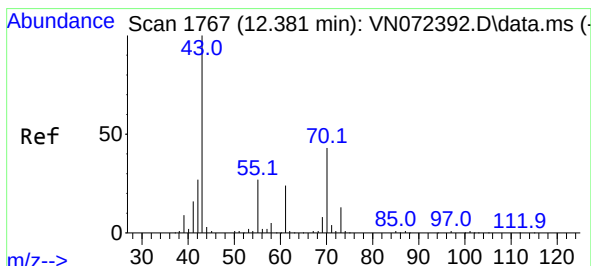
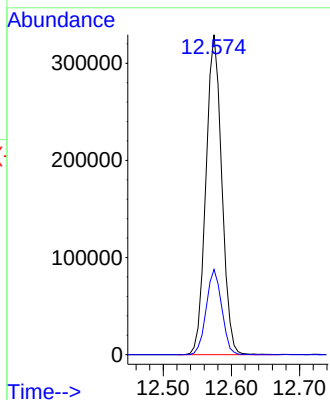
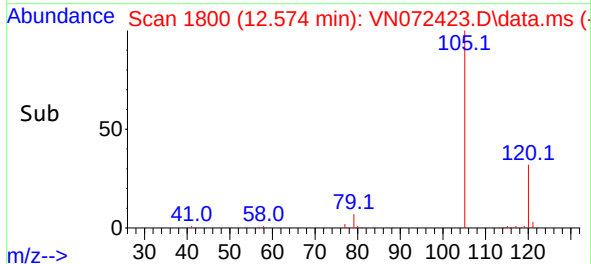
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



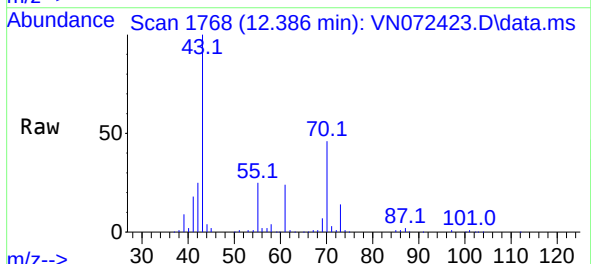
Tgt Ion:105 Resp: 53289
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

Manual Integrations
APPROVED

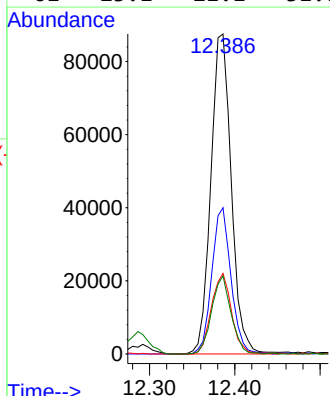
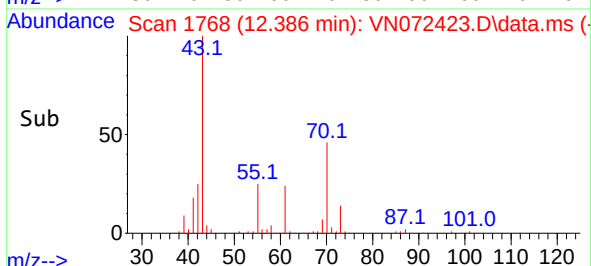
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

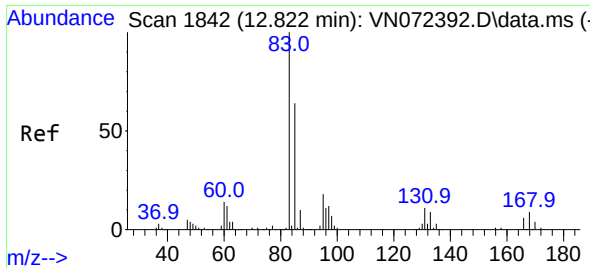


#74
N-ethyl acetate
Concen: 38.534 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.005 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



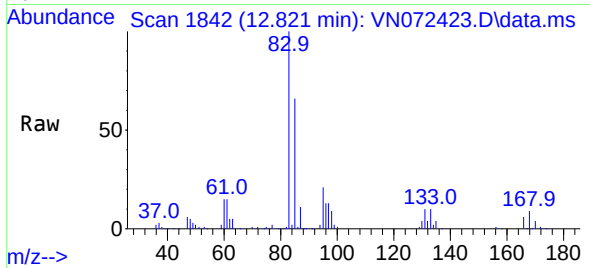
Tgt Ion: 43 Resp: 146013
Ion Ratio Lower Upper
43 100
70 43.0 39.0 58.4
55 24.8 21.1 31.7
61 23.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 42.136 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

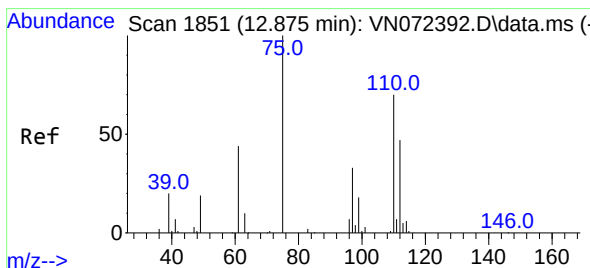
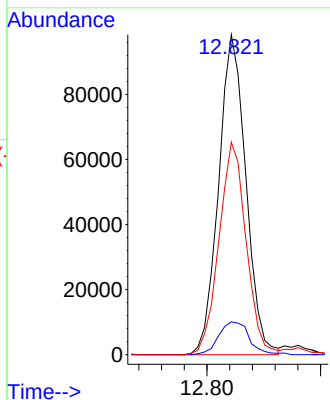
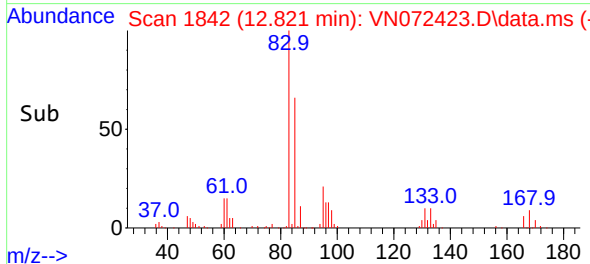
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



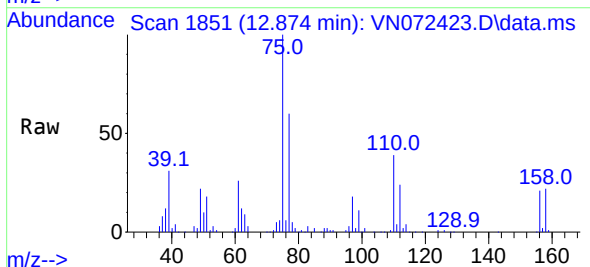
Tgt Ion: 83 Resp: 16398
Ion Ratio Lower Upper
83 100
131 11.5 5.3 15.9
85 66.0 32.3 96.9

Manual Integrations
APPROVED

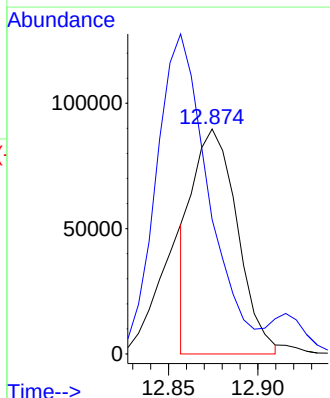
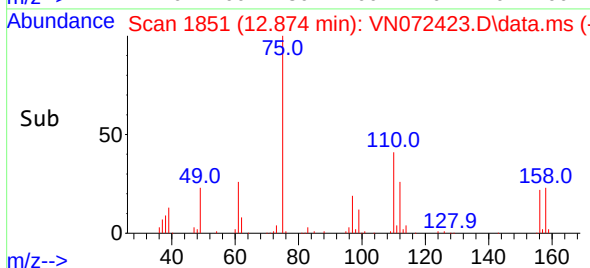
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

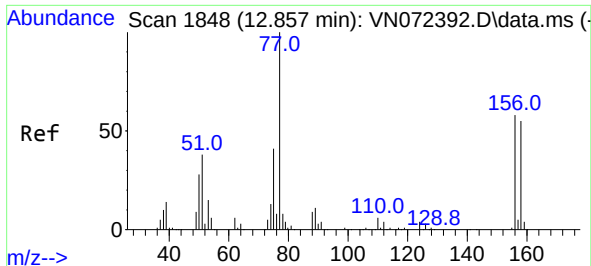


#76
1,2,3-Trichloropropane
Concen: 46.265 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



Tgt Ion: 75 Resp: 156150
Ion Ratio Lower Upper
75 100
77 166.2 98.5 295.5





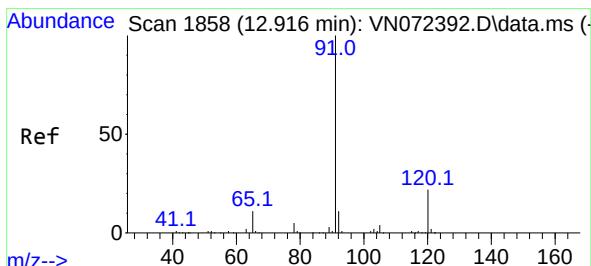
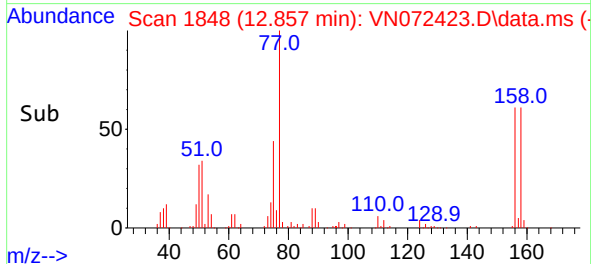
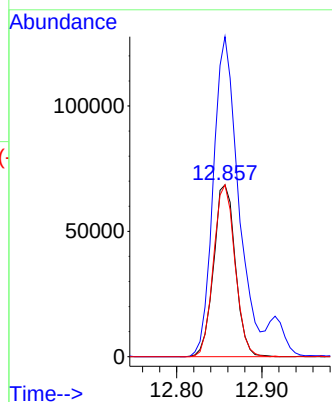
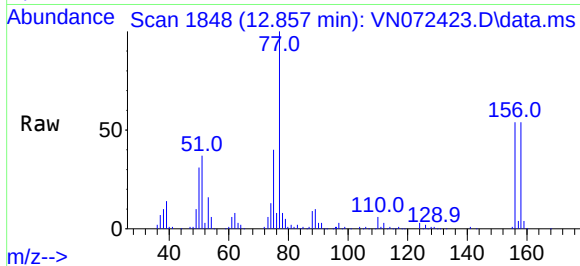
#77
Bromobenzene
Concen: 47.293 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS

Tgt Ion:156 Resp: 121290
Ion Ratio Lower Upper
156 100
77 213.9 100.5 301.5
158 99.0 48.9 146.6

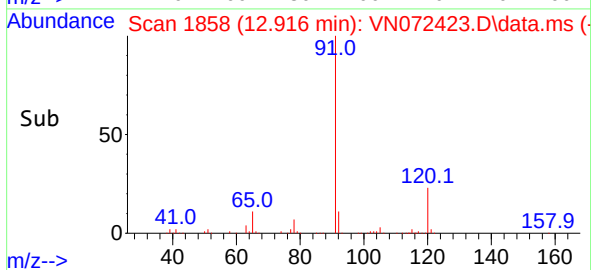
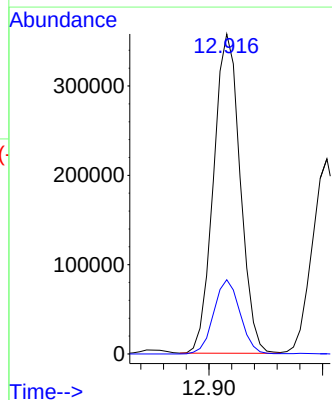
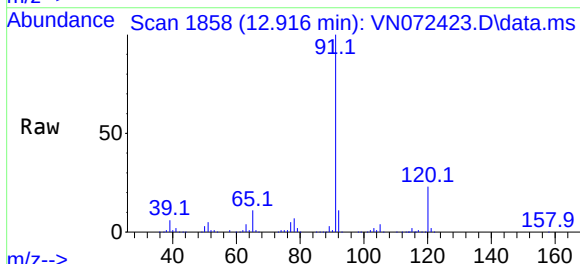
Manual Integrations
APPROVED

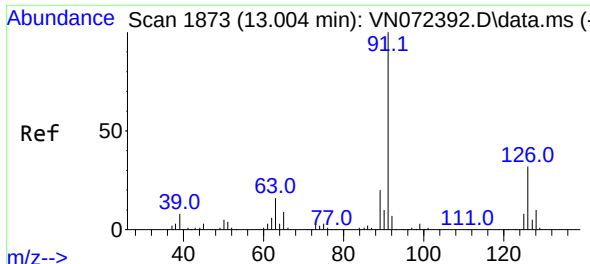
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#78
n-propylbenzene
Concen: 50.852 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

Tgt Ion: 91 Resp: 583334
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5





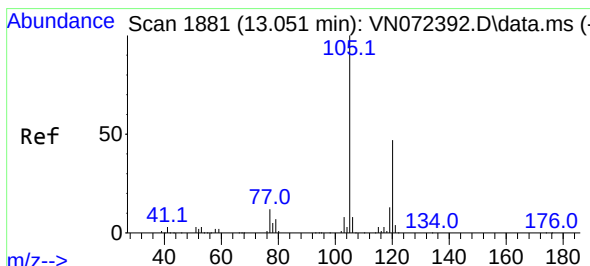
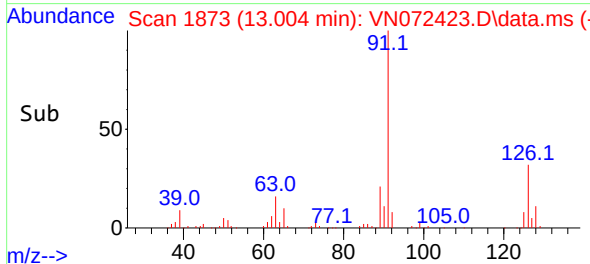
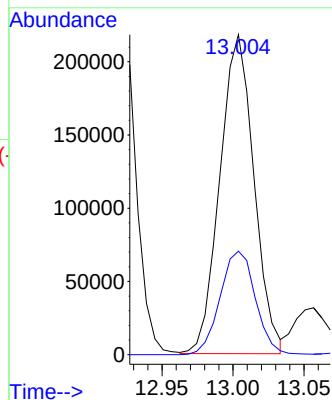
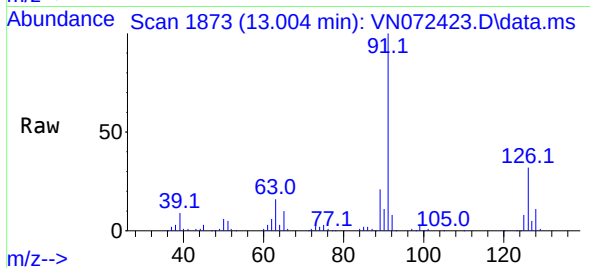
#79
2-Chlorotoluene
Concen: 48.285 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS

Tgt Ion: 91 Resp: 363875
Ion Ratio Lower Upper
91 100
126 33.7 17.3 51.9

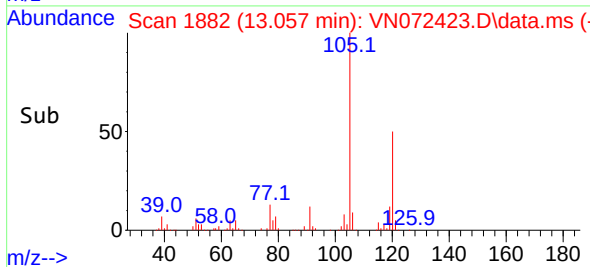
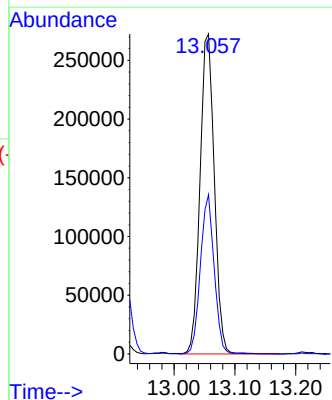
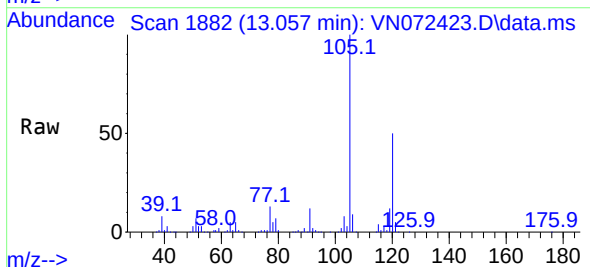
Manual Integrations
APPROVED

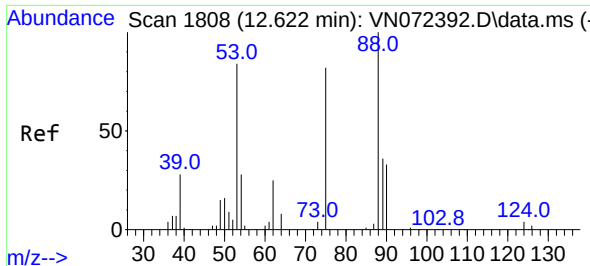
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.743 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

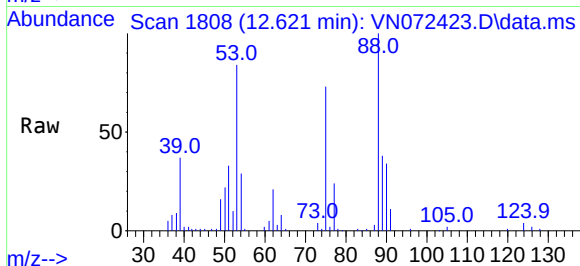
Tgt Ion:105 Resp: 445515
Ion Ratio Lower Upper
105 100
120 47.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.116 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

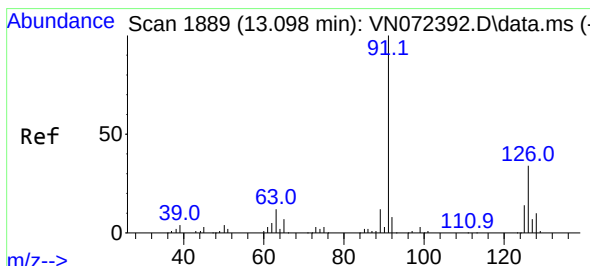
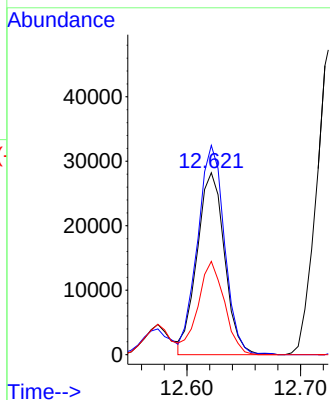
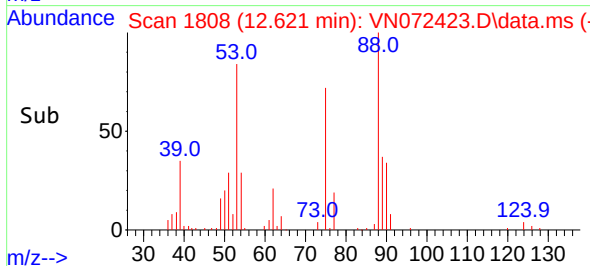
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



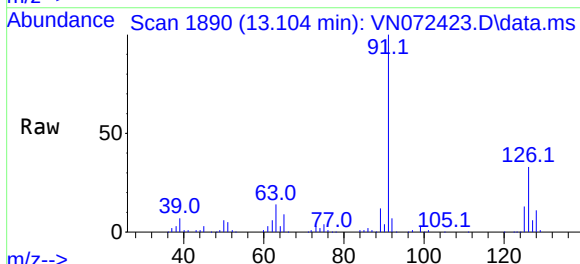
Tgt Ion: 75 Resp: 47668
Ion Ratio Lower Upper
75 100
53 112.6 78.0 117.0
89 49.2 37.2 55.8

Manual Integrations
APPROVED

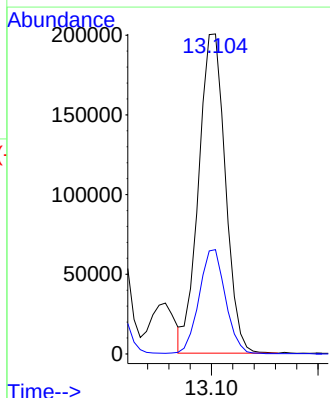
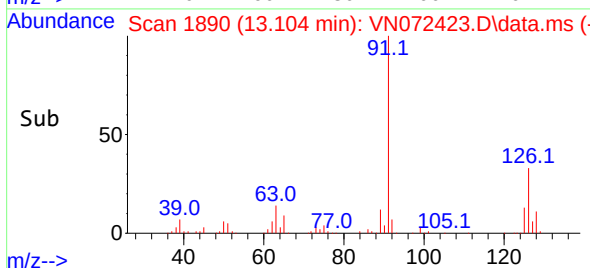
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

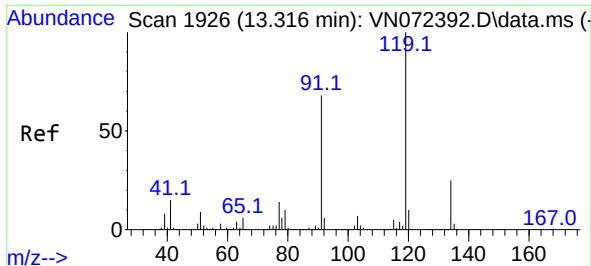


#82
4-Chlorotoluene
Concen: 48.865 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



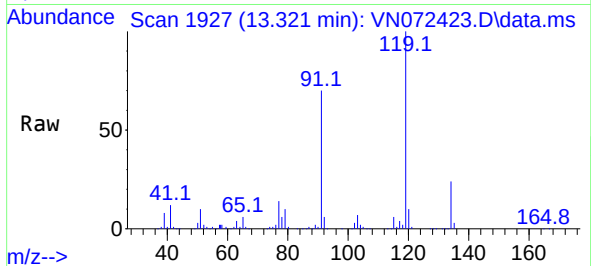
Tgt Ion: 91 Resp: 348981
Ion Ratio Lower Upper
91 100
126 32.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.532 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

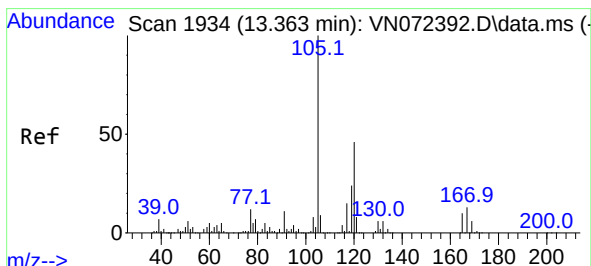
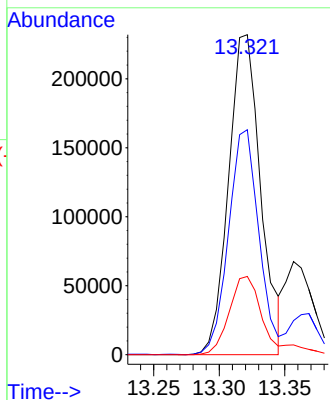
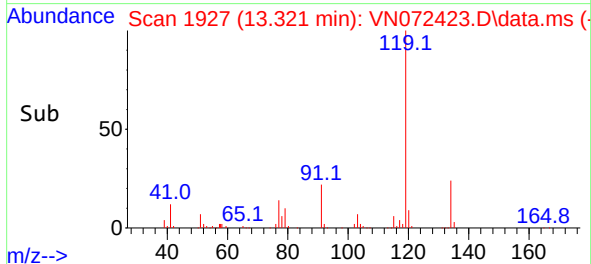
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



Tgt Ion:119 Resp: 396082
Ion Ratio Lower Upper
119 100
91 66.3 31.6 94.8
134 26.2 13.7 41.1

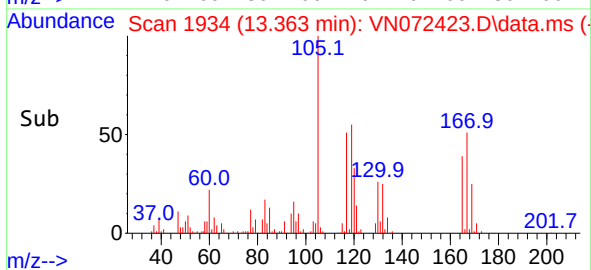
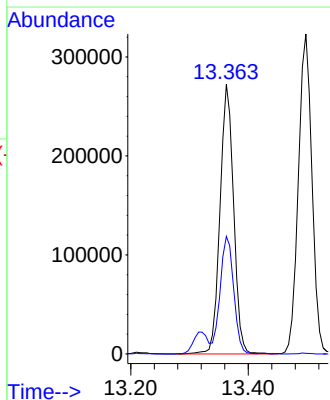
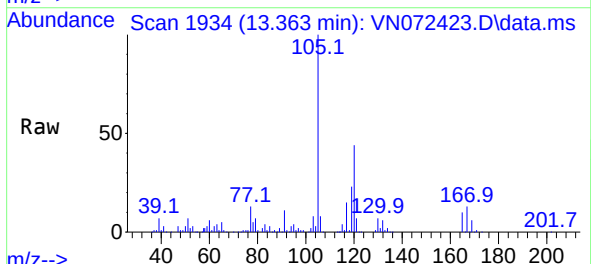
Manual Integrations
APPROVED

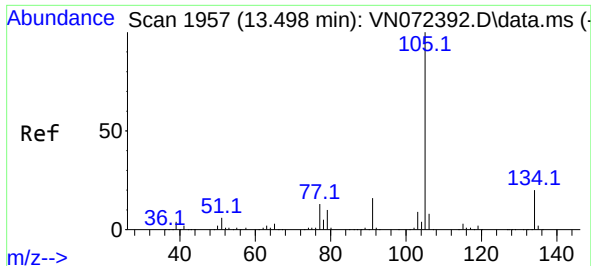
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.259 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

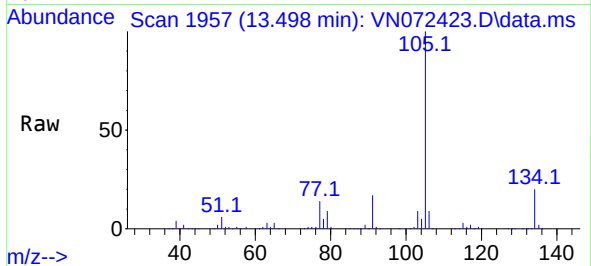
Tgt Ion:105 Resp: 437790
Ion Ratio Lower Upper
105 100
120 43.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 50.630 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072423.D
 Acq: 11 May 2022 17:40

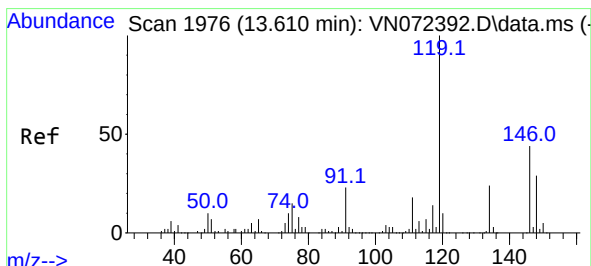
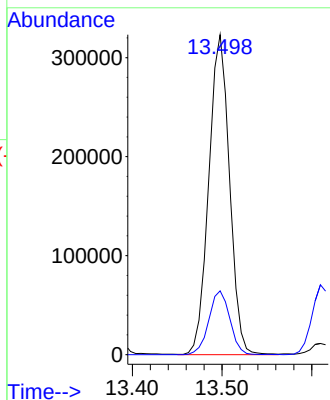
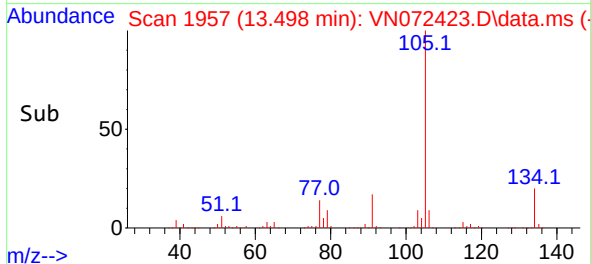
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20220509MS



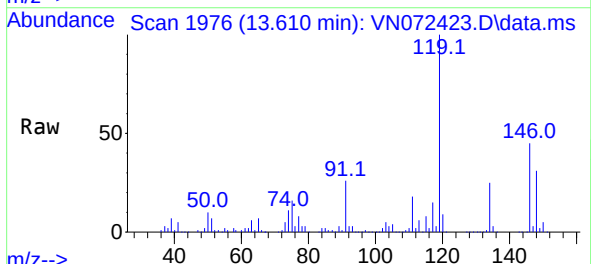
Tgt Ion:105 Resp: 51898
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

Manual Integrations
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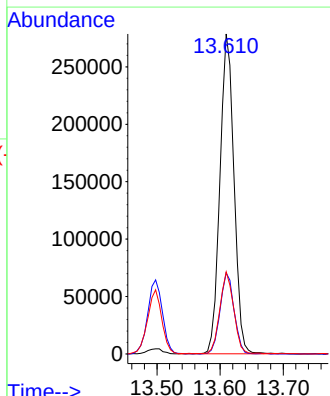
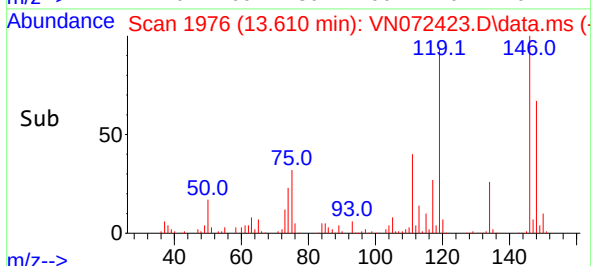
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022

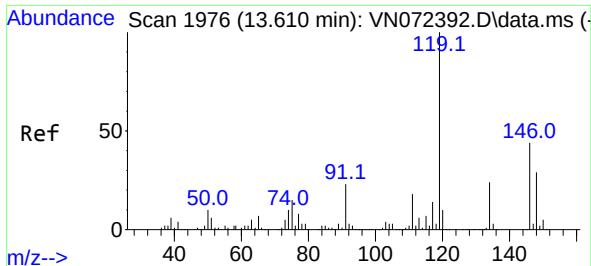


#86
 p-Isopropyltoluene
 Concen: 53.820 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072423.D
 Acq: 11 May 2022 17:40



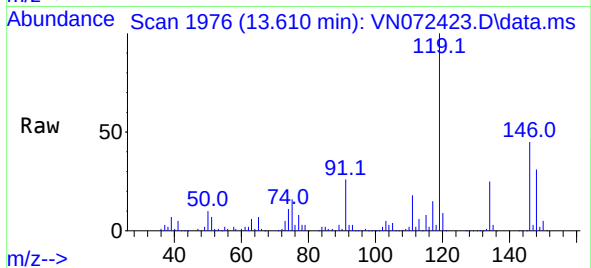
Tgt Ion:119 Resp: 429737
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.3 39.8
 91 25.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 48.278 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

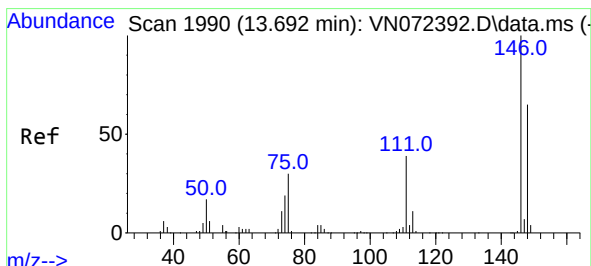
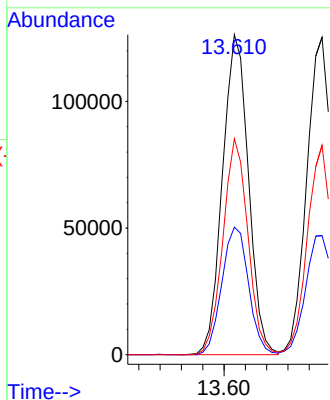
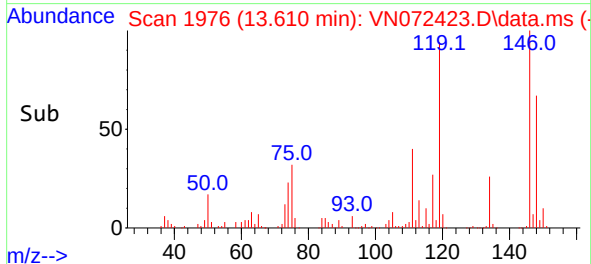
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



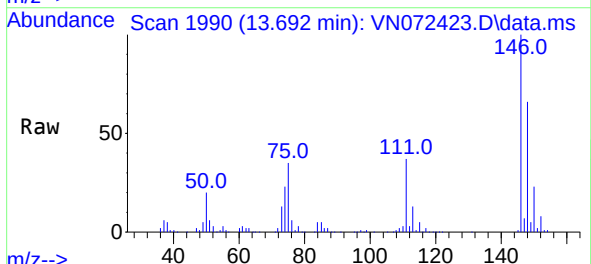
Tgt Ion:146 Resp: 21354
Ion Ratio Lower Upper
146 100
111 41.1 20.0 60.0
148 65.1 32.0 96.0

Manual Integrations
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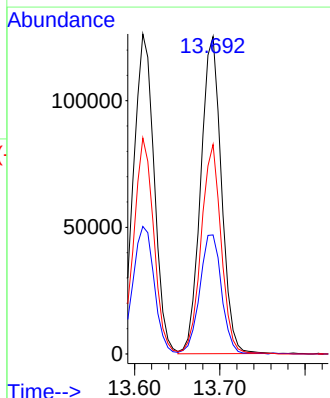
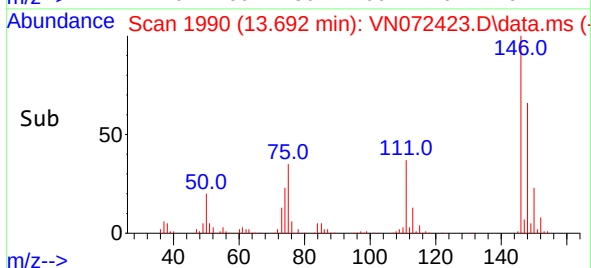
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

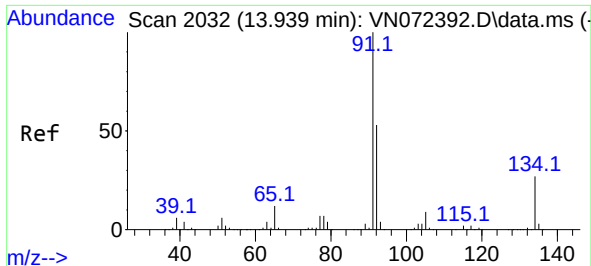


#88
1,4-Dichlorobenzene
Concen: 47.926 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



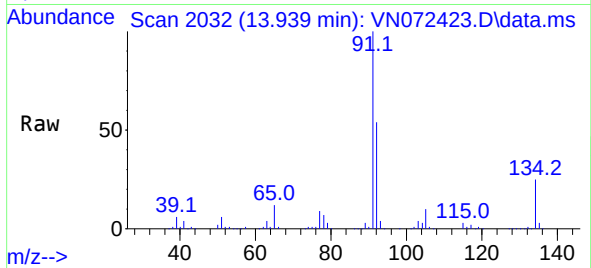
Tgt Ion:146 Resp: 210892
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 64.1 31.4 94.3





#89
n-Butylbenzene
Concen: 49.617 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

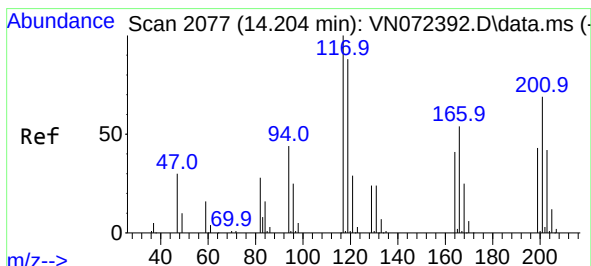
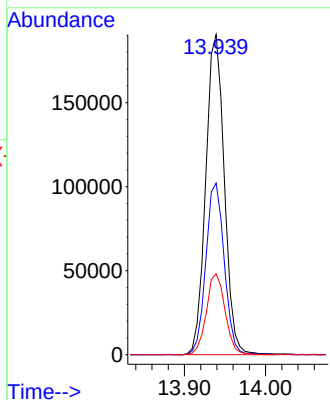
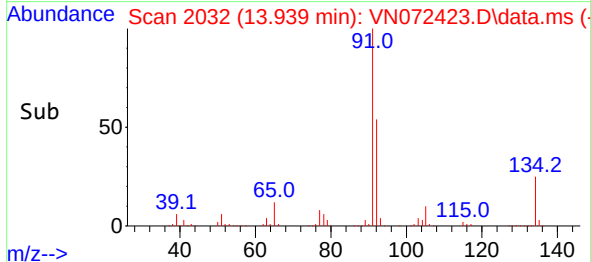
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



Tgt Ion: 91 Resp: 302840
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 25.5 13.6 40.8

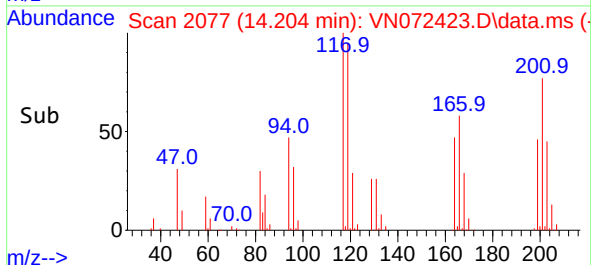
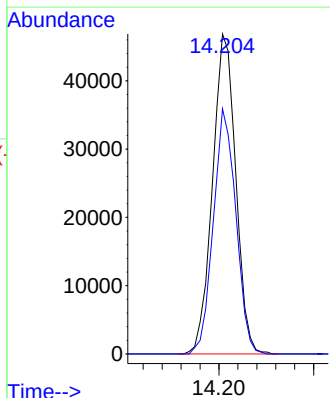
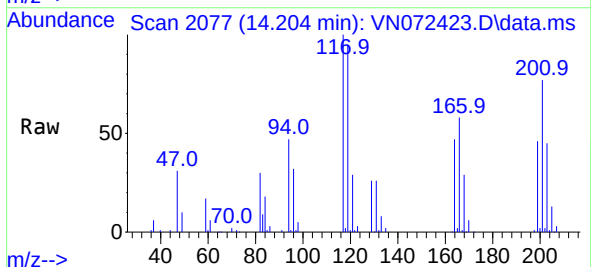
Manual Integrations
APPROVED

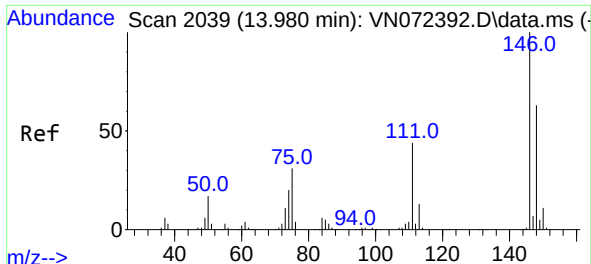
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#90
Hexachloroethane
Concen: 50.056 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

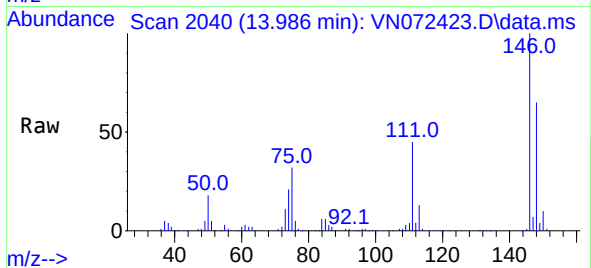
Tgt Ion:117 Resp: 79870
Ion Ratio Lower Upper
117 100
201 74.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 49.083 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

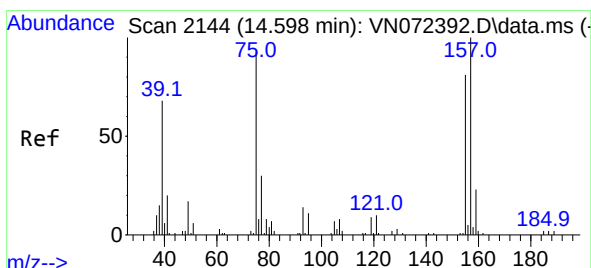
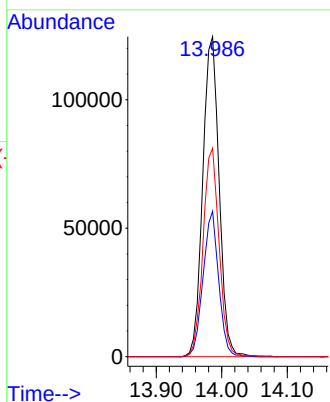
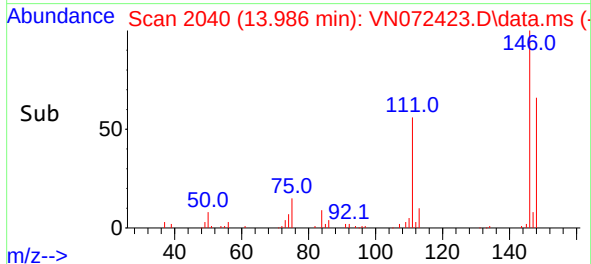
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ClientSampleId :
MW-4-20220509MS



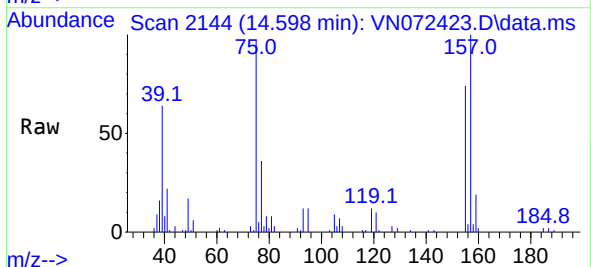
Tgt Ion:146 Resp: 21683
Ion Ratio Lower Upper
146 100
111 43.2 20.9 62.8
148 64.0 32.1 96.3

Manual Integrations
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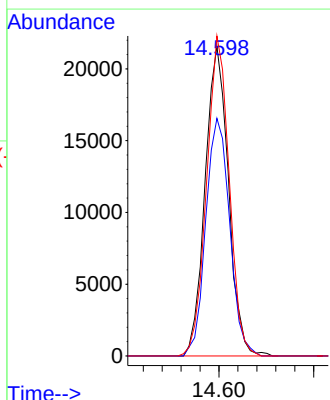
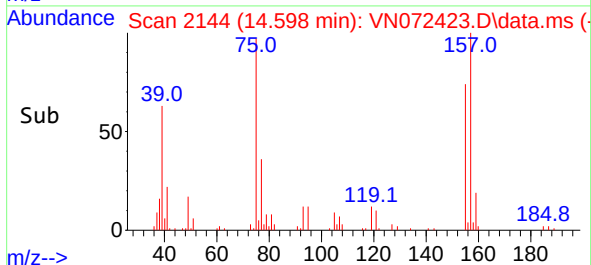
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

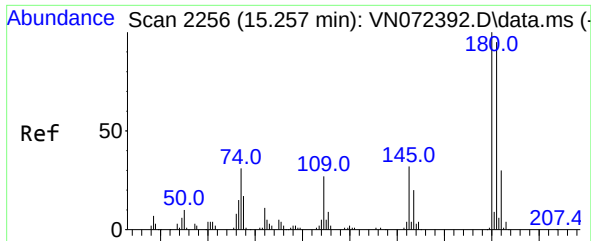


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.460 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



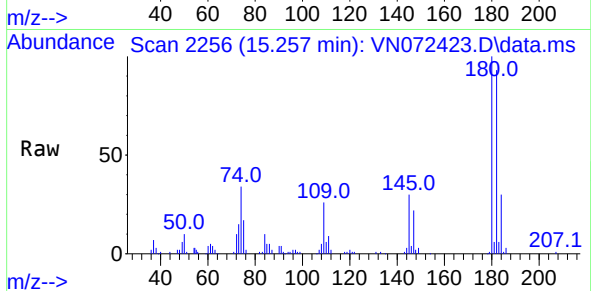
Tgt Ion: 75 Resp: 36856
Ion Ratio Lower Upper
75 100
155 78.8 44.9 134.5
157 100.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 55.647 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

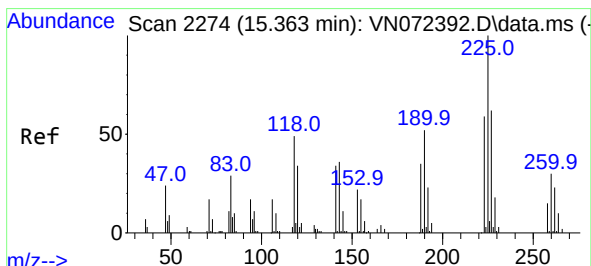
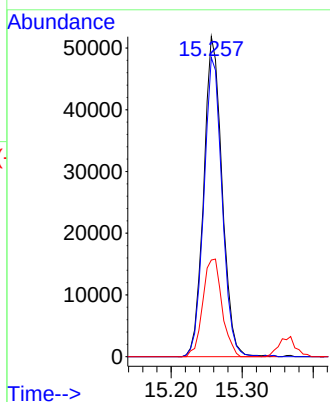
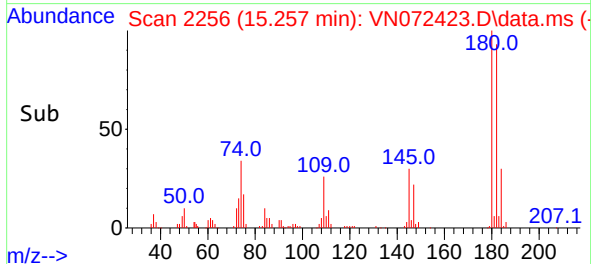
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



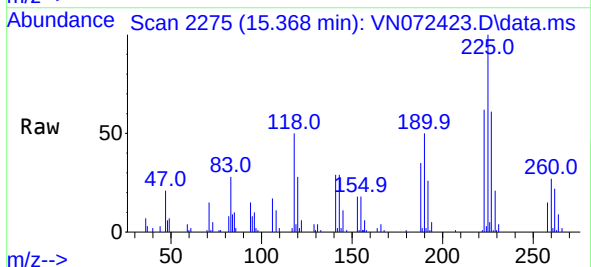
Tgt Ion:180 Resp: 9312
Ion Ratio Lower Upper
180 100
182 92.6 47.5 142.5
145 32.0 14.5 43.5

Manual Integrations
APPROVED

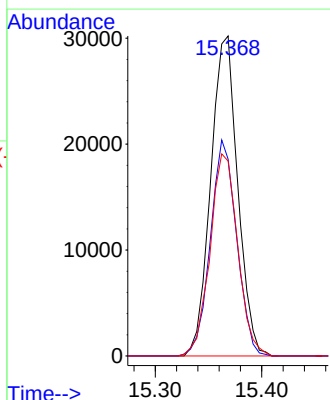
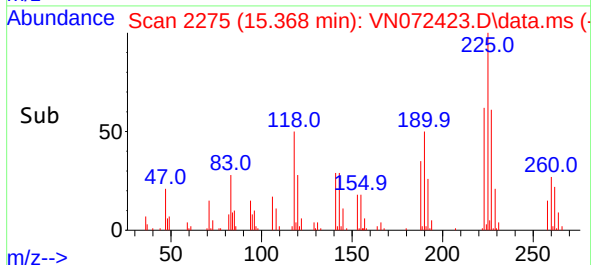
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

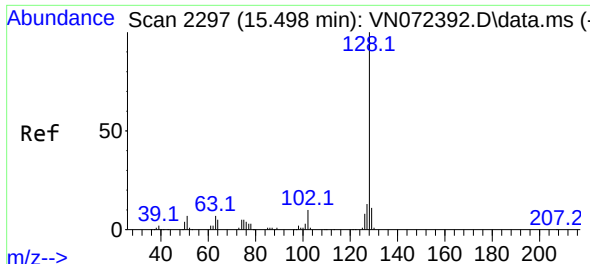


#94
Hexachlorobutadiene
Concen: 47.998 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40



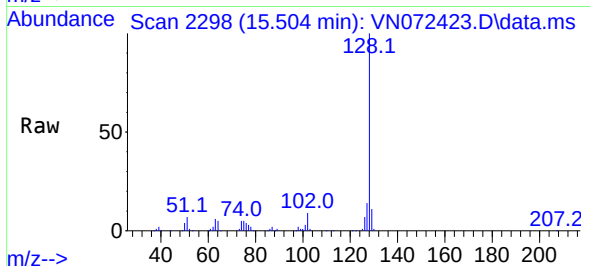
Tgt Ion:225 Resp: 53182
Ion Ratio Lower Upper
225 100
223 65.5 32.4 97.2
227 64.6 31.8 95.4





#95
Naphthalene
Concen: 46.437 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

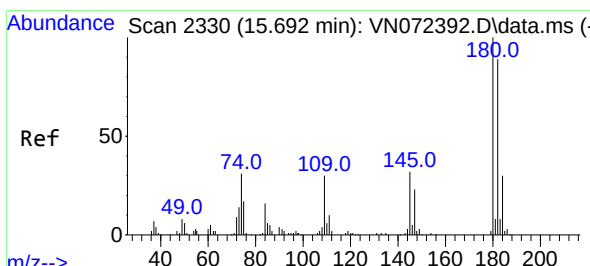
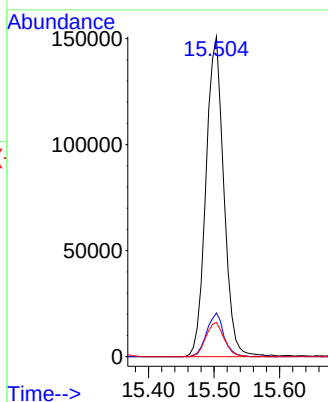
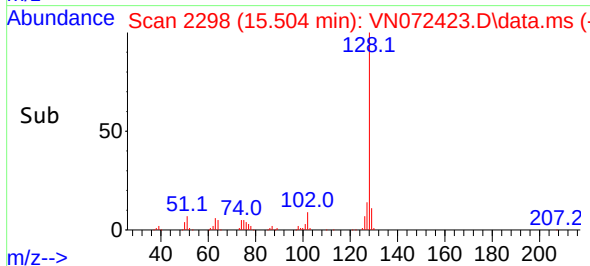
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MS



Tgt Ion:128 Resp: 28571
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 56.691 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072423.D
Acq: 11 May 2022 17:40

Tgt Ion:180 Resp: 95072
Ion Ratio Lower Upper
180 100
182 93.7 47.8 143.3
145 33.6 15.5 46.5

