

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072424.D
 Acq On : 11 May 2022 18:04
 Operator : JC\MD
 Sample : N2763-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20220509MSD

Quant Time: May 12 02:14:18 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	8.087	168	194479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	320583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	298797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	137376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	150388	50.487	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.980%			
35) Dibromofluoromethane	8.022	113	108556	50.898	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.800%			
50) Toluene-d8	10.439	98	409765	50.446	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.727	95	147678	54.743	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	122007	50.302	ug/l	96
3) Chloromethane	2.299	50	110404	48.597	ug/l	99
4) Vinyl Chloride	2.440	62	95015	46.007	ug/l	98
5) Bromomethane	2.828	94	55418	45.070	ug/l	99
6) Chloroethane	2.999	64	52214	48.207	ug/l	100
7) Trichlorofluoromethane	3.363	101	201313	52.593	ug/l	94
8) Diethyl Ether	3.828	74	66472	48.137	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.205	101	100856	48.288	ug/l	99
10) Methyl Iodide	4.422	142	135906	49.086	ug/l #	86
11) Tert butyl alcohol	5.369	59	111982	229.911	ug/l	100
12) 1,1-Dichloroethene	4.187	96	93361	47.705	ug/l	92
13) Acrolein	4.040	56	109235	229.224	ug/l	99
14) Allyl chloride	4.840	41	170607	46.822	ug/l	94
15) Acrylonitrile	5.551	53	314223	237.412	ug/l	98
16) Acetone	4.287	43	283710	240.495	ug/l	95
17) Carbon Disulfide	4.534	76	237052	46.705	ug/l	98
18) Methyl Acetate	4.857	43	156249	44.985	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	366681	51.847	ug/l	99
20) Methylene Chloride	5.093	84	109152	45.126	ug/l	91
21) trans-1,2-Dichloroethene	5.599	96	99205	48.452	ug/l	97
22) Diisopropyl ether	6.493	45	345009	46.596	ug/l	95
23) Vinyl Acetate	6.428	43	1453127	234.552	ug/l	94
24) 1,1-Dichloroethane	6.387	63	200151	47.903	ug/l	98
25) 2-Butanone	7.334	43	433913	233.055	ug/l	95
26) 2,2-Dichloropropane	7.328	77	155167	44.193	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	120693	49.032	ug/l	94
28) Bromochloromethane	7.657	49	84394	47.571	ug/l	92
29) Tetrahydrofuran	7.681	42	290893	240.401	ug/l	93
30) Chloroform	7.816	83	215350	50.662	ug/l	97
31) Cyclohexane	8.092	56	175026	44.343	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	206975	53.087	ug/l	98
36) 1,1-Dichloropropene	8.222	75	151820	49.560	ug/l	98
37) Ethyl Acetate	7.410	43	171484	46.657	ug/l	98
38) Carbon Tetrachloride	8.204	117	182116	53.119	ug/l	98
39) Methylcyclohexane	9.457	83	177585	51.581	ug/l	94
40) Benzene	8.457	78	442875	48.395	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	91592	50.328	ug/l	89
42) 1,2-Dichloroethane	8.528	62	184493	50.159	ug/l	95
43) Isopropyl Acetate	8.557	43	267411	47.368	ug/l	97
44) Trichloroethene	9.210	130	113733	48.958	ug/l	97
45) 1,2-Dichloropropane	9.486	63	112579	48.172	ug/l	97
46) Dibromomethane	9.575	93	81725	50.222	ug/l	94
47) Bromodichloromethane	9.757	83	171723	51.764	ug/l	99
48) Methyl methacrylate	9.557	41	138934	52.748	ug/l	88
49) 1,4-Dioxane	9.563	88	47717	1062.025	ug/l #	95
51) 4-Methyl-2-Pentanone	10.328	43	891671	254.364	ug/l	94
52) Toluene	10.504	92	286127	50.707	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	175424	51.949	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	179715	49.882	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	116760	49.670	ug/l	98
56) Ethyl methacrylate	10.757	69	183351	54.422	ug/l #	88
57) 1,3-Dichloropropane	11.039	76	197189	49.261	ug/l	100
59) 2-Hexanone	11.081	43	652734	265.556	ug/l	92
60) Dibromochloromethane	11.233	129	134004	53.663	ug/l	99
61) 1,2-Dibromoethane	11.339	107	121483	51.856	ug/l	100
64) Tetrachloroethene	10.975	164	100823	46.879	ug/l	95
65) Chlorobenzene	11.769	112	302452	49.544	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	121512	49.730	ug/l	97
67) Ethyl Benzene	11.839	91	562157	53.372	ug/l	99
68) m/p-Xylenes	11.951	106	423544	106.024	ug/l	94
69) o-Xylene	12.275	106	208835	53.206	ug/l	93
70) Styrene	12.292	104	331044	55.132	ug/l	96
71) Bromoform	12.451	173	97253	53.957	ug/l #	99
73) Isopropylbenzene	12.575	105	548669	48.211	ug/l	99
74) N-amyl acetate	12.380	43	183084	45.513	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	170846	41.351	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	159047m	44.389	ug/l	
77) Bromobenzene	12.857	156	130405	47.894	ug/l	97
78) n-propylbenzene	12.916	91	603401	49.549	ug/l	99
79) 2-Chlorotoluene	13.004	91	382128	47.765	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	467051	50.109	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	49327	45.927	ug/l #	81
82) 4-Chlorotoluene	13.098	91	365360	48.189	ug/l	97
83) tert-Butylbenzene	13.316	119	414123	50.752	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	462123	50.968	ug/l	96
85) sec-Butylbenzene	13.498	105	550446	50.582	ug/l	99
86) p-Isopropyltoluene	13.610	119	453256	53.471	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	227936	48.541	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	220856	47.278	ug/l	97
89) n-Butylbenzene	13.939	91	340425	52.538	ug/l	98
90) Hexachloroethane	14.204	117	81139	47.900	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	226946	48.391	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37826	52.650	ug/l	87
93) 1,2,4-Trichlorobenzene	15.257	180	104206	58.657	ug/l	97
94) Hexachlorobutadiene	15.363	225	56575	48.097	ug/l	98
95) Naphthalene	15.504	128	330390	50.300	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	106189	59.646	ug/l	97

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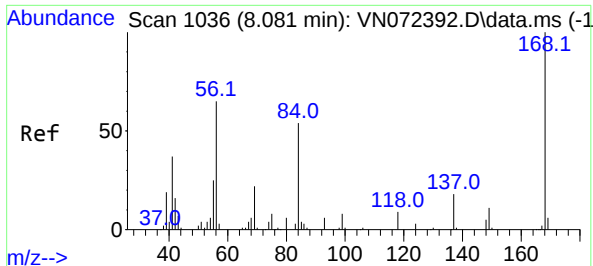
Manual Integrations
APPROVED

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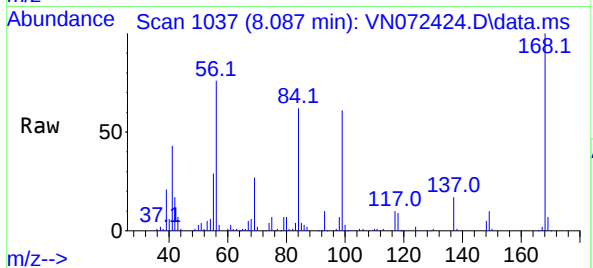
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)= qualifier out of range (m) = manual integration (+) = signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

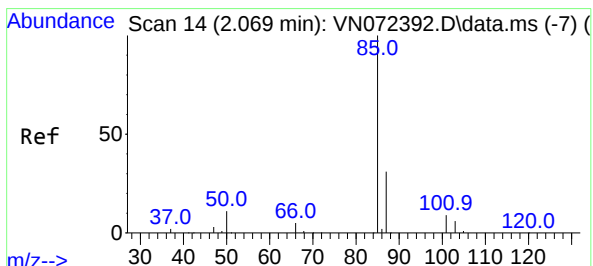
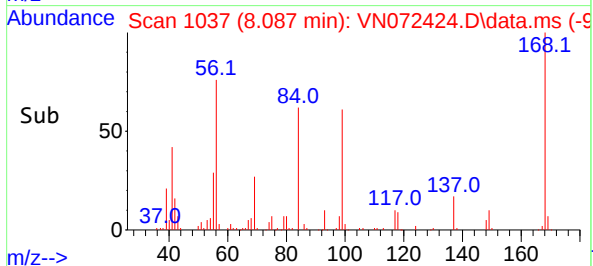
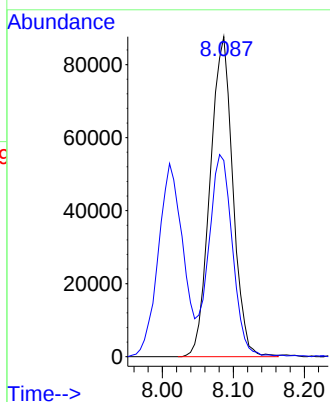
Instrument :
MSVOA_N
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MW-4-20220509MSD



Tgt Ion:168 Resp: 194479
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5

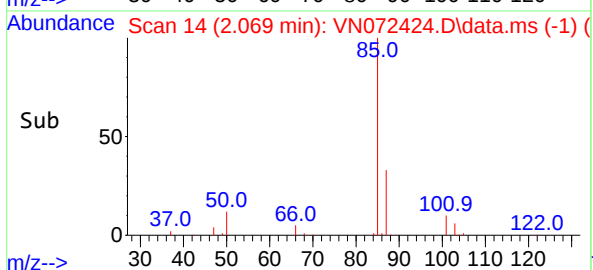
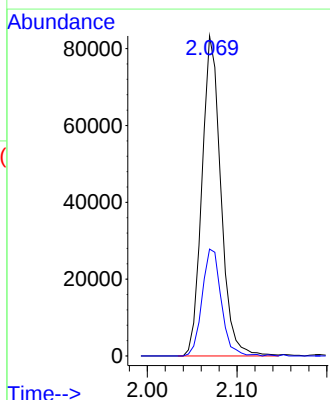
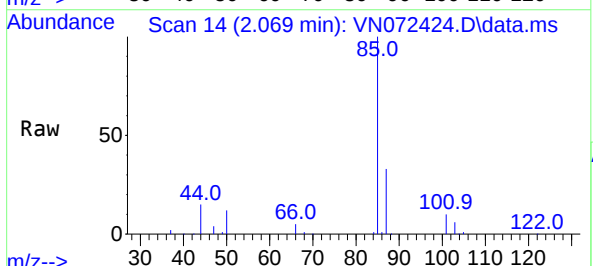
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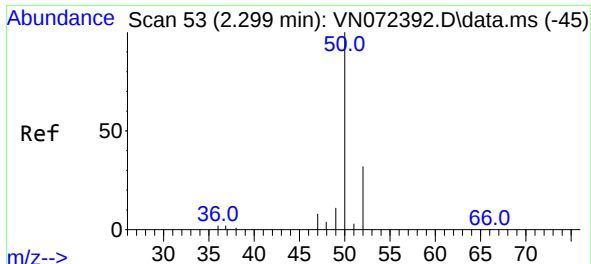
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#2
Dichlorodifluoromethane
Concen: 50.302 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

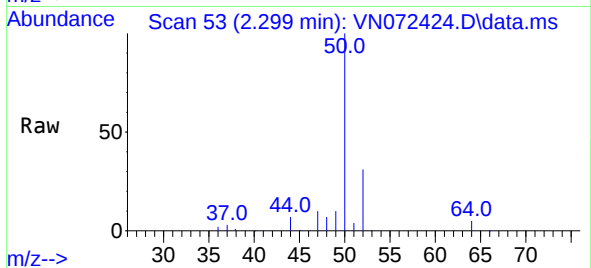
Tgt Ion: 85 Resp: 122007
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.1





#3
Chloromethane
Concen: 48.597 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

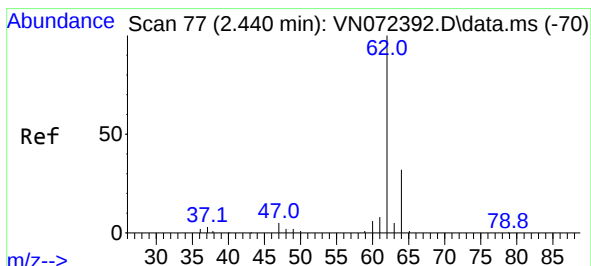
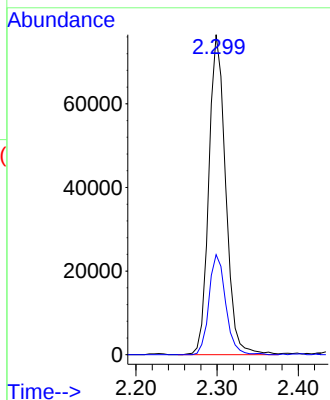
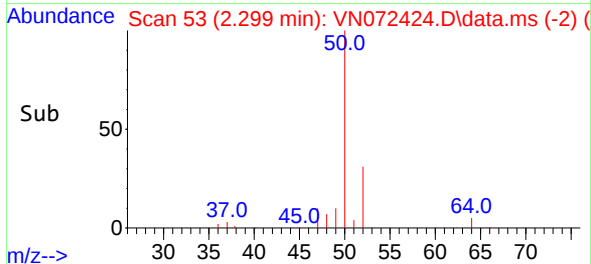
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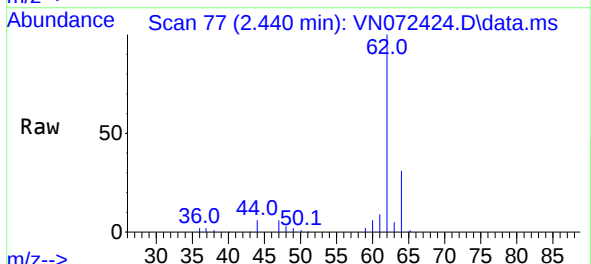
Tgt Ion: 50 Resp: 110404
Ion Ratio Lower Upper
50 100
52 31.3 25.7 38.5

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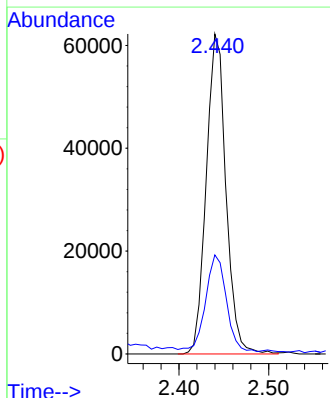
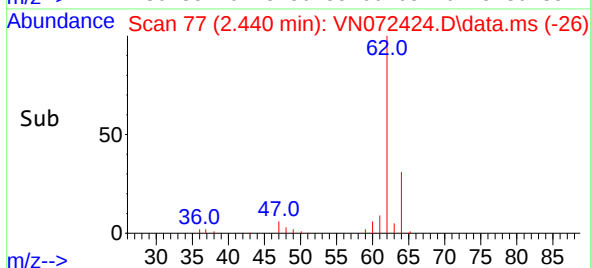
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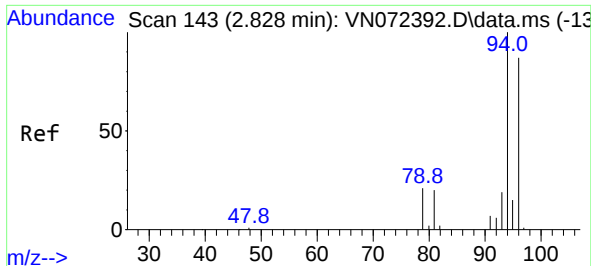


#4
Vinyl Chloride
Concen: 46.007 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



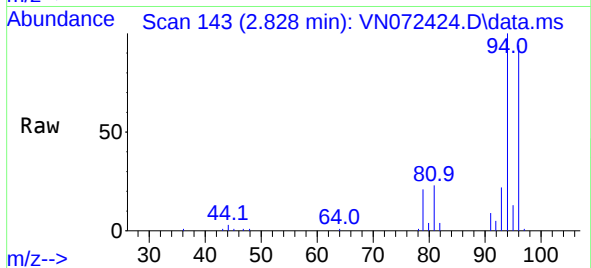
Tgt Ion: 62 Resp: 95015
Ion Ratio Lower Upper
62 100
64 30.2 25.0 37.4





#5
Bromomethane
Concen: 45.070 ug/l
RT: 2.828 min Scan# 143
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

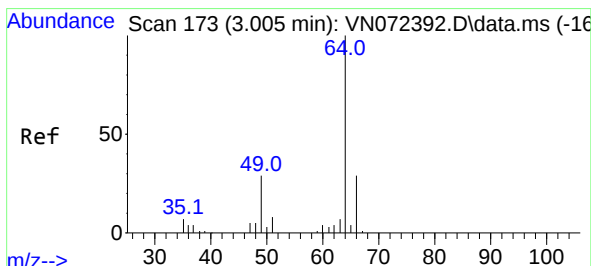
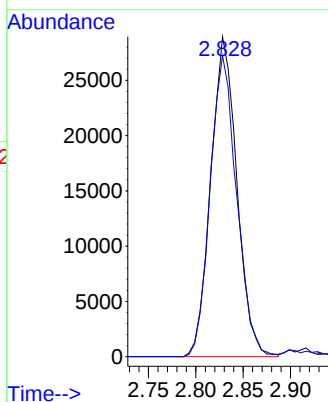
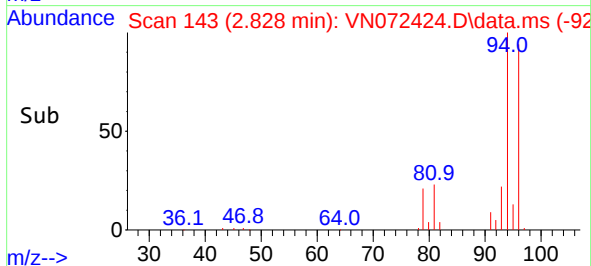
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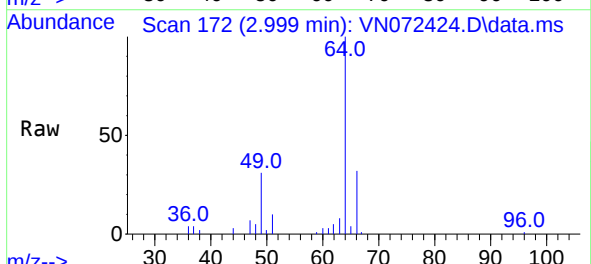
Tgt Ion: 94 Resp: 55418
Ion Ratio Lower Upper
94 100
96 94.1 76.0 114.0

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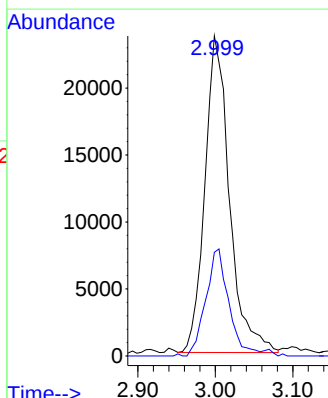
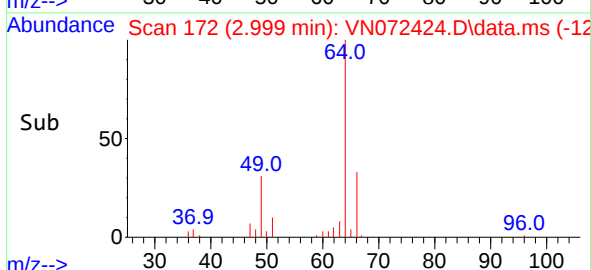
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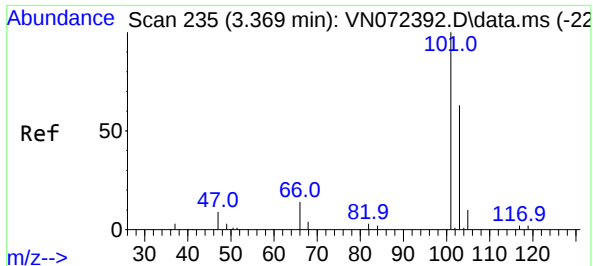


#6
Chloroethane
Concen: 48.207 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN072424.D
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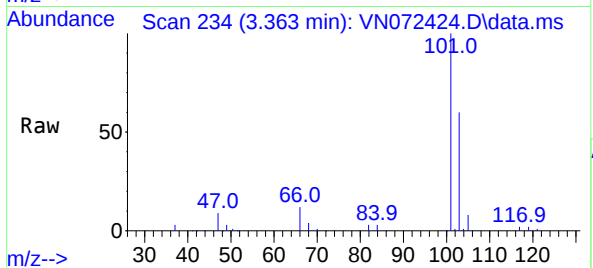
Tgt Ion: 64 Resp: 52214
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 52.593 ug/l
 RT: 3.363 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VN072424.D
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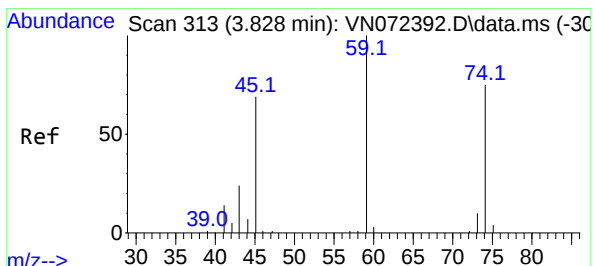
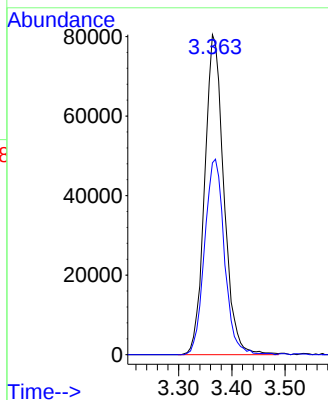
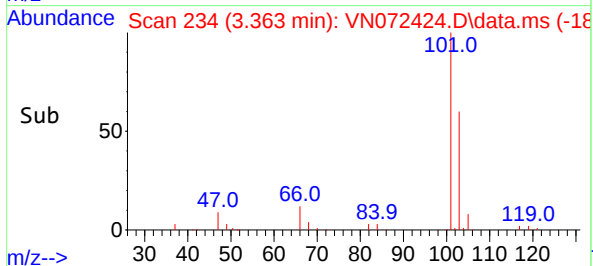
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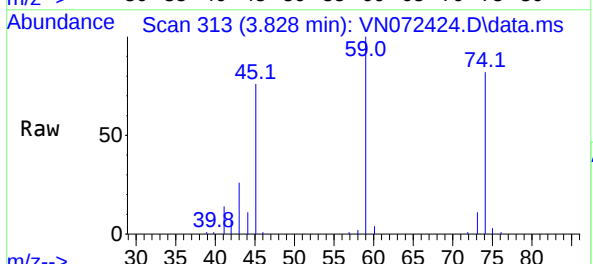
Tgt Ion:101 Resp: 20131
 Ion Ratio Lower Upper
 101 100
 103 60.0 51.5 77.3

Manual Integrations
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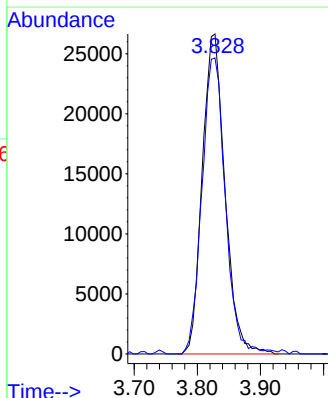
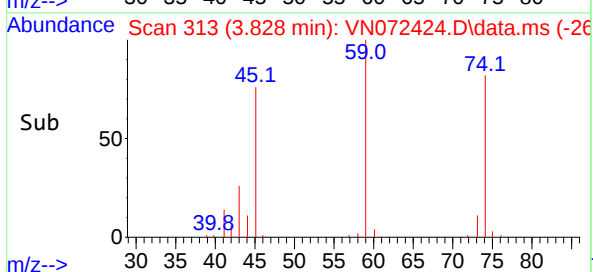
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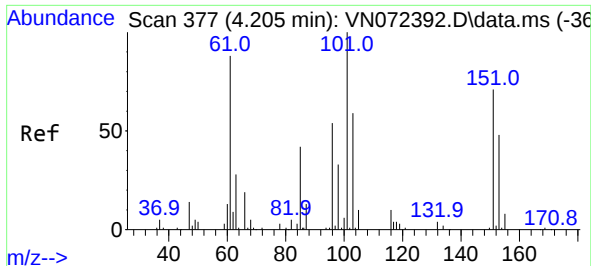


#8
 Diethyl Ether
 Concen: 48.137 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. 0.000 min
 Lab File: VN072424.D
 Acq: 11 May 2022 18:04



Tgt Ion: 74 Resp: 66472
 Ion Ratio Lower Upper
 74 100
 45 94.8 42.9 128.5





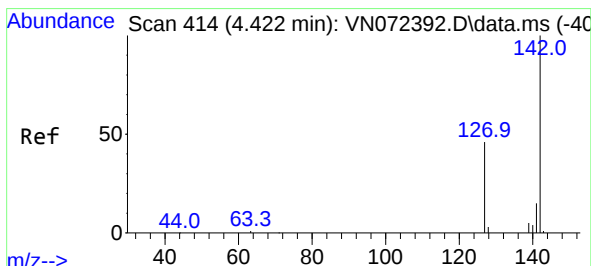
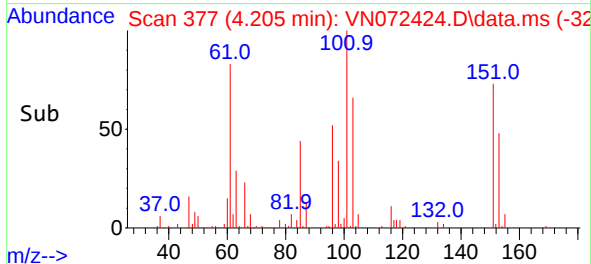
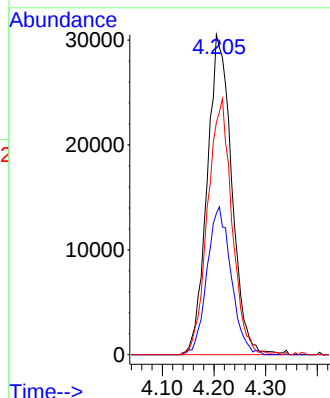
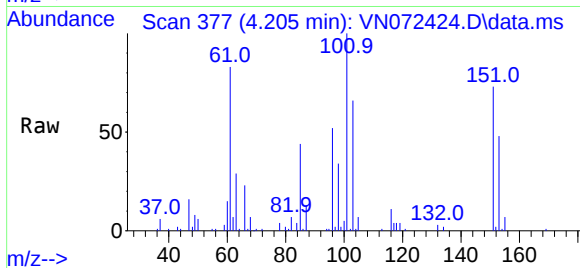
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.288 ug/l
RT: 4.205 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD

Tgt Ion:101 Resp: 100850
Ion Ratio Lower Upper
101 100
85 45.4 34.7 52.1
151 79.2 63.0 94.4

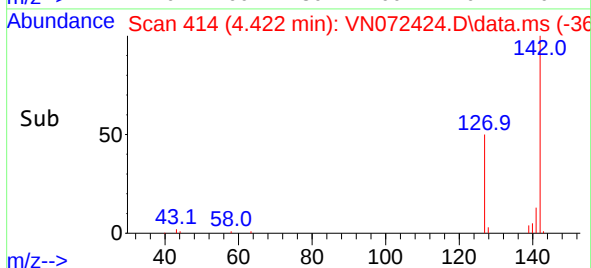
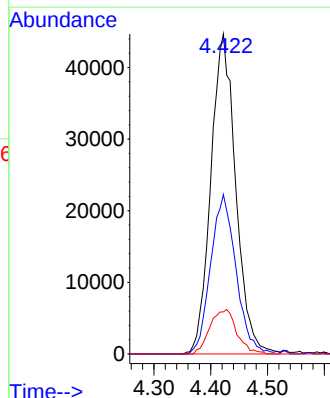
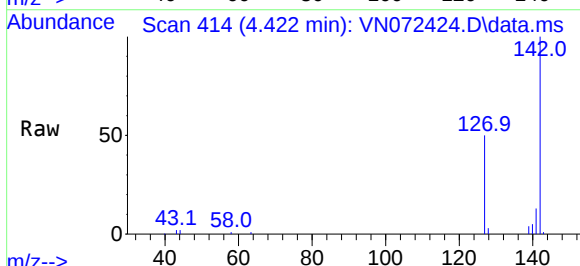
Manual Integrations
APPROVED

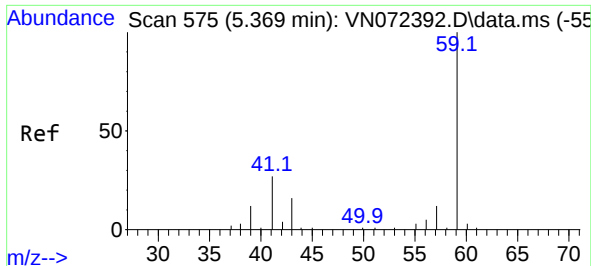
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#10
Methyl Iodide
Concen: 49.086 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

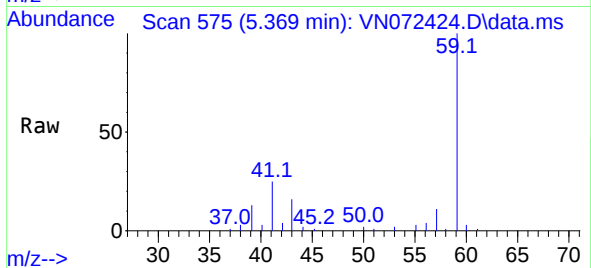
Tgt Ion:142 Resp: 135906
Ion Ratio Lower Upper
142 100
127 50.6 31.3 46.9#
141 14.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 229.911 ug/l
RT: 5.369 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

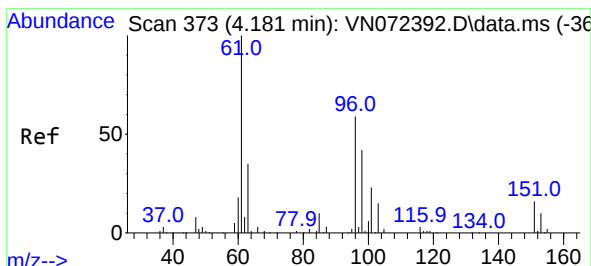
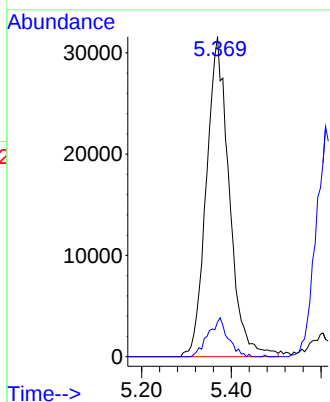
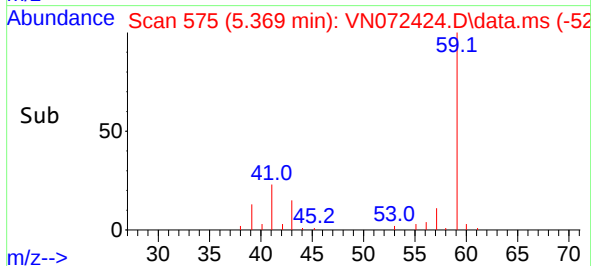
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



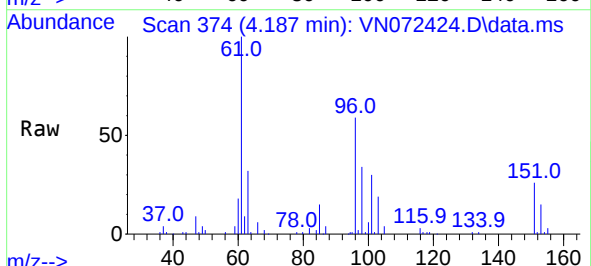
Tgt Ion: 59 Resp: 11198
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

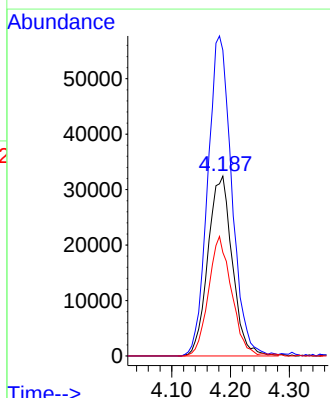
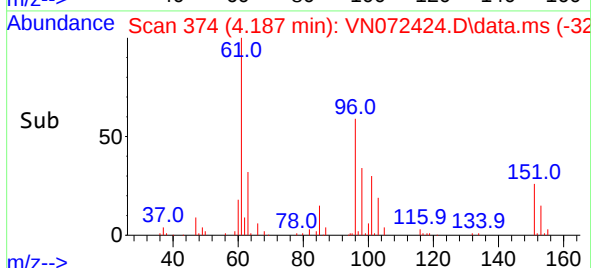
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

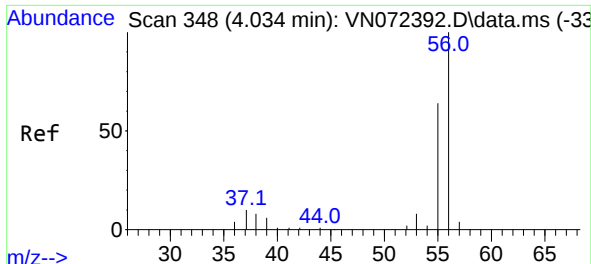


#12
1,1-Dichloroethene
Concen: 47.705 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



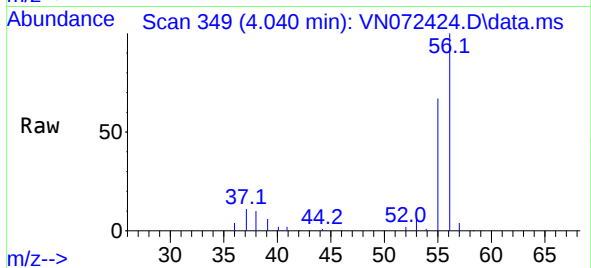
Tgt Ion: 96 Resp: 93361
Ion Ratio Lower Upper
96 100
61 170.0 127.6 191.4
98 57.6 51.2 76.8





#13
Acrolein
Concen: 229.224 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

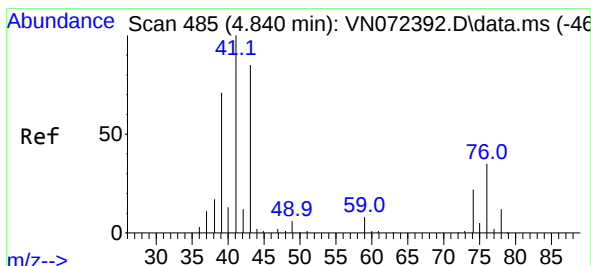
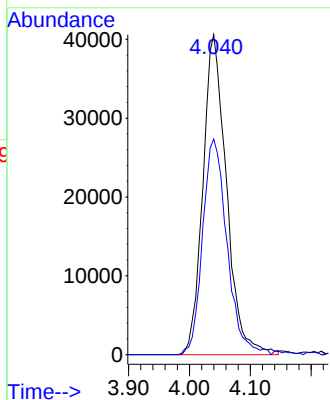
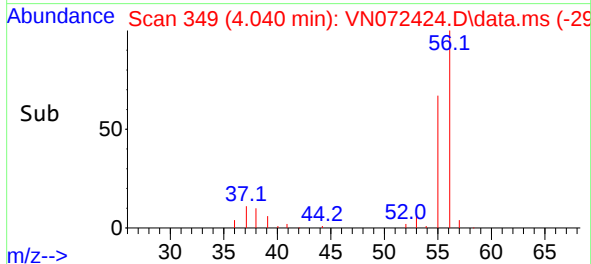
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



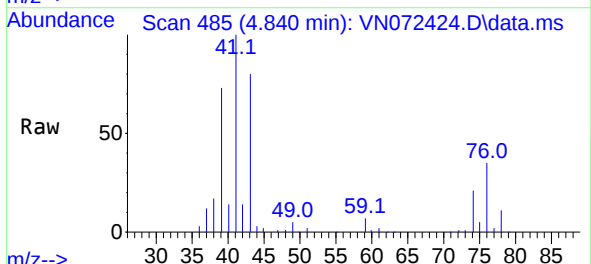
Tgt Ion: 56 Resp: 109235
Ion Ratio Lower Upper
56 100
55 69.6 54.8 82.2

Manual Integrations
APPROVED

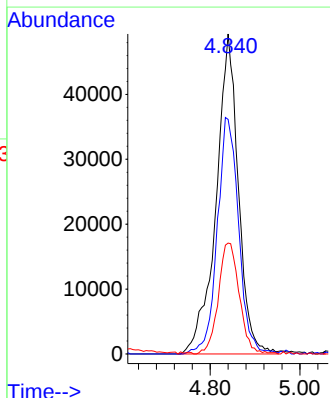
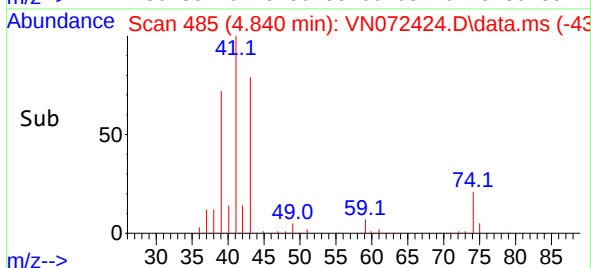
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

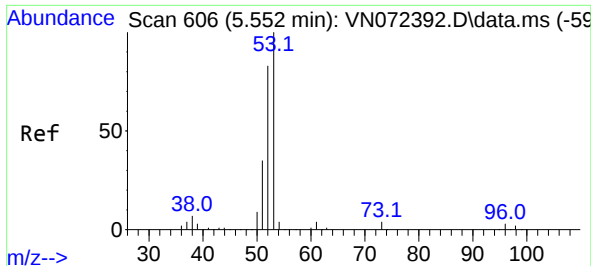


#14
Allyl chloride
Concen: 46.822 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



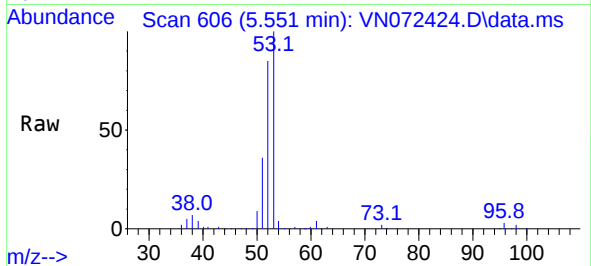
Tgt Ion: 41 Resp: 170607
Ion Ratio Lower Upper
41 100
39 70.7 53.2 79.8
76 32.5 29.9 44.9





#15
Acrylonitrile
Concen: 237.412 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.001 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

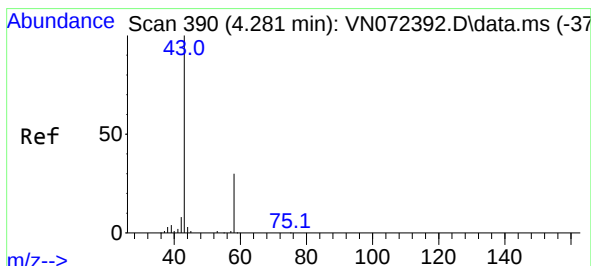
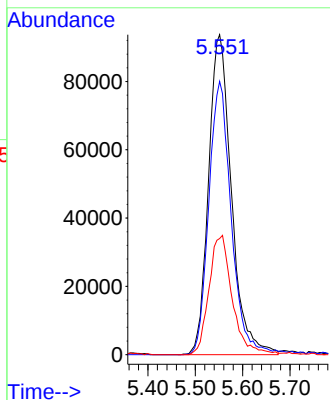
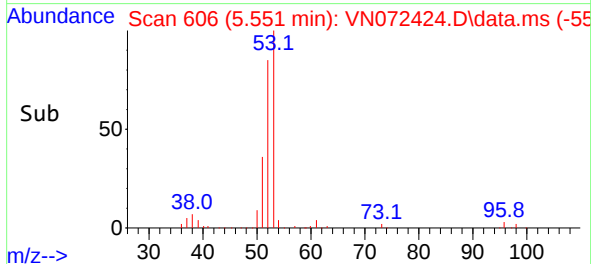
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



Tgt Ion: 53 Resp: 31422
Ion Ratio Lower Upper
53 100
52 83.6 66.4 99.6
51 37.9 28.5 42.7

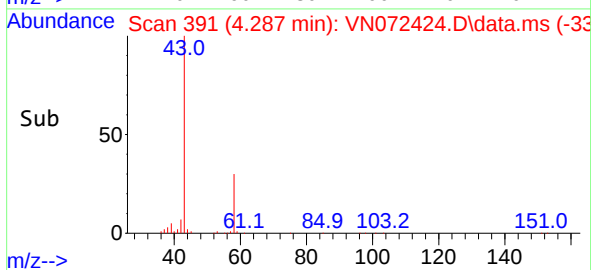
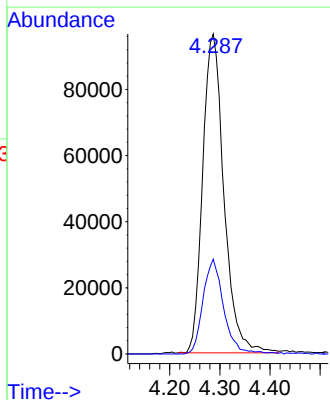
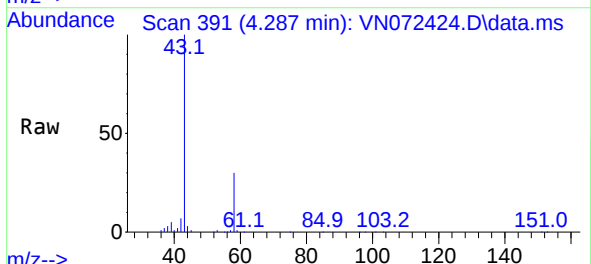
Manual Integrations
APPROVED

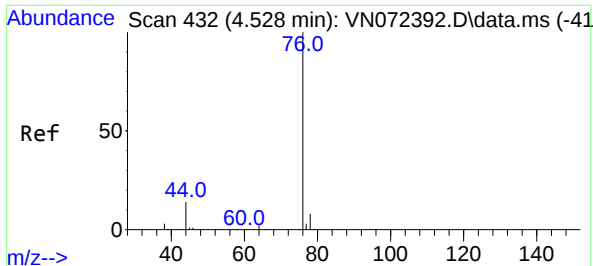
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#16
Acetone
Concen: 240.495 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

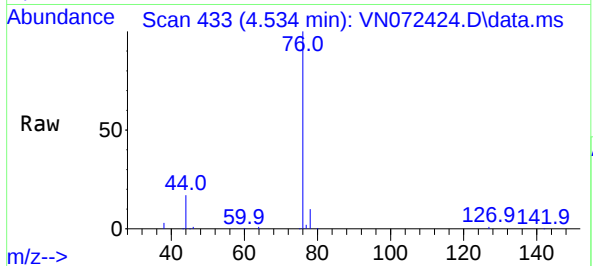
Tgt Ion: 43 Resp: 283710
Ion Ratio Lower Upper
43 100
58 29.7 26.0 39.0





#17
Carbon Disulfide
Concen: 46.705 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

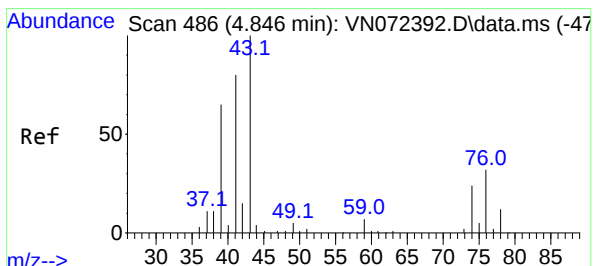
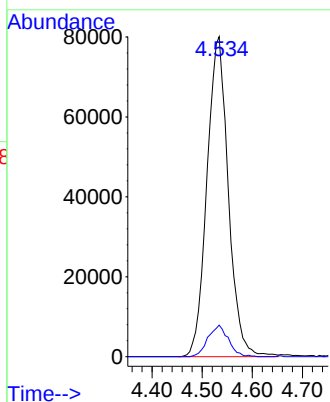
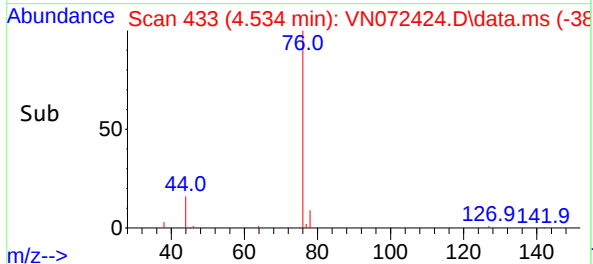
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



Tgt Ion: 76 Resp: 237052
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

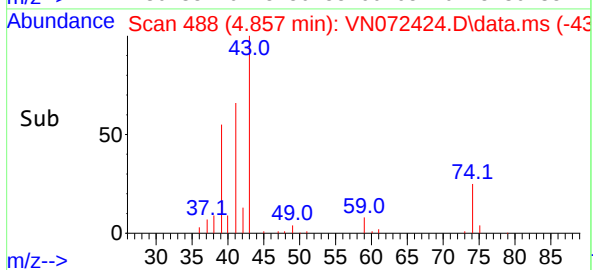
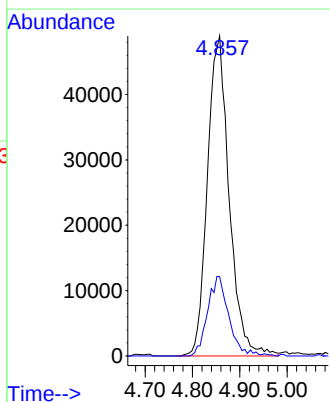
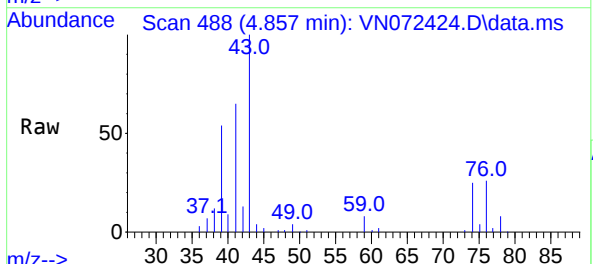
Manual Integrations
APPROVED

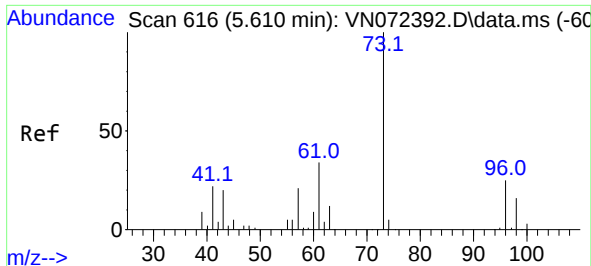
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#18
Methyl Acetate
Concen: 44.985 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

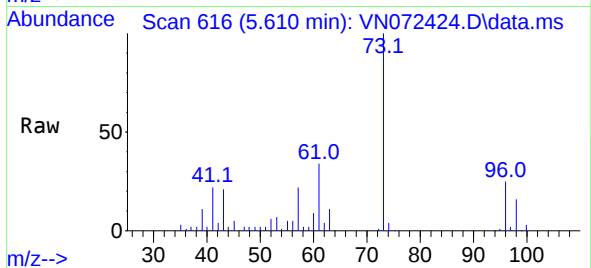
Tgt Ion: 43 Resp: 156249
Ion Ratio Lower Upper
43 100
74 23.5 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 51.847 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

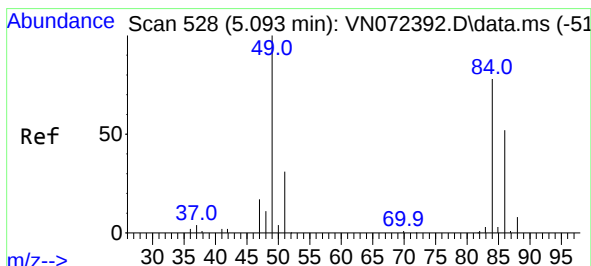
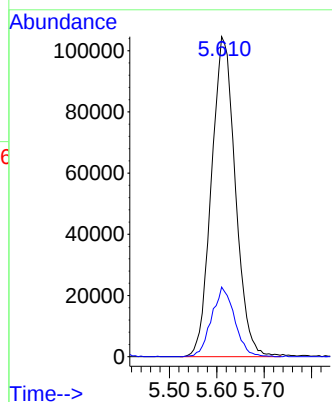
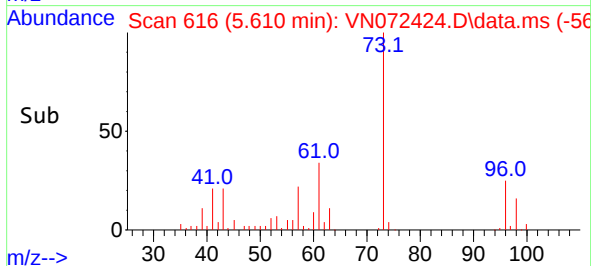
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



Tgt Ion: 73 Resp: 36668
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

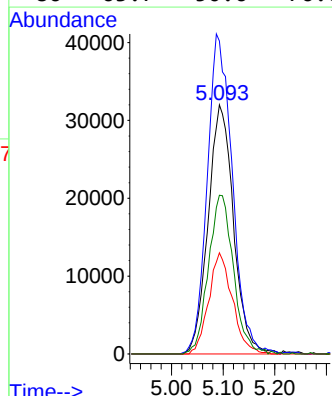
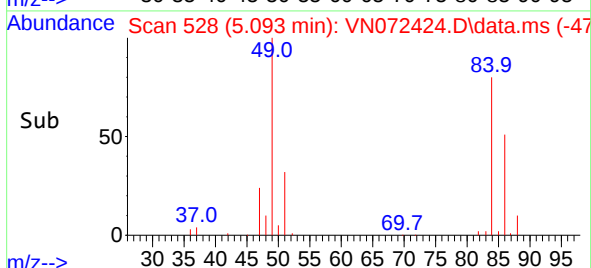
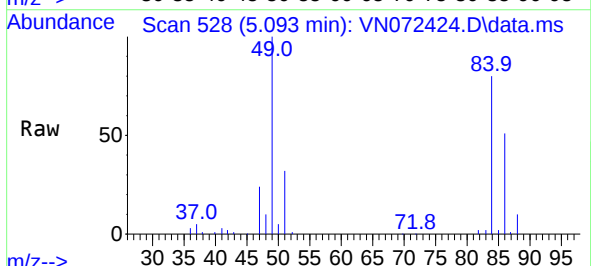
Manual Integrations
APPROVED

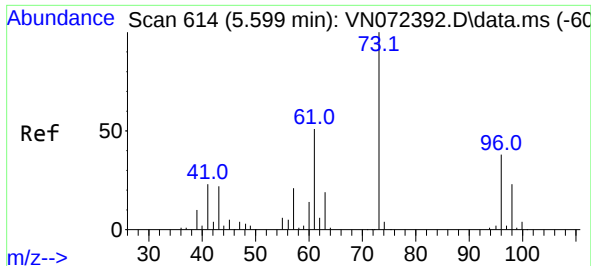
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#20
Methylene Chloride
Concen: 45.126 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

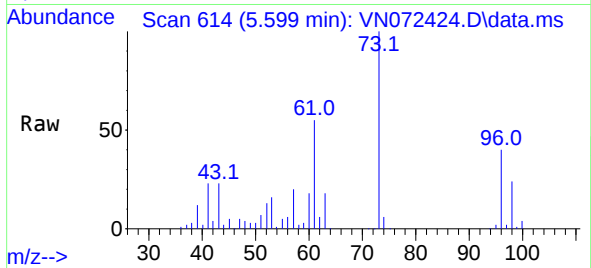
Tgt Ion: 84 Resp: 109152
Ion Ratio Lower Upper
84 100
49 125.6 88.3 132.5
51 40.6 28.2 42.2
86 63.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 48.452 ug/l
RT: 5.599 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

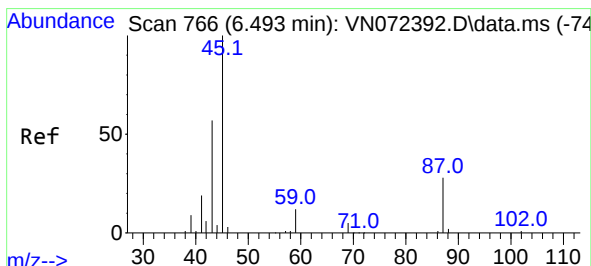
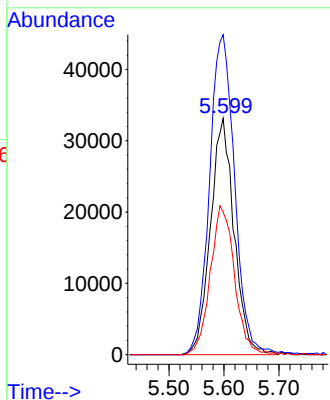
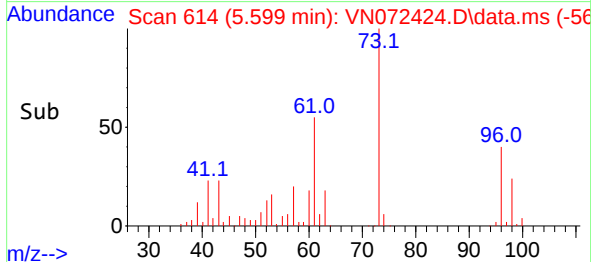
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



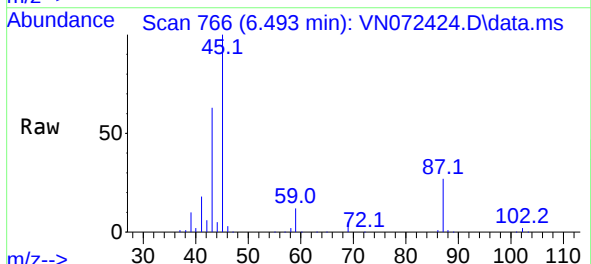
Tgt Ion: 96 Resp: 99209
Ion Ratio Lower Upper
96 100
61 135.4 105.8 158.8
98 60.3 50.3 75.5

Manual Integrations
APPROVED

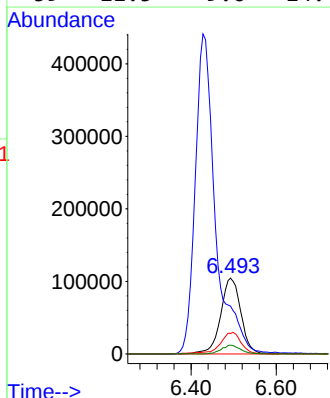
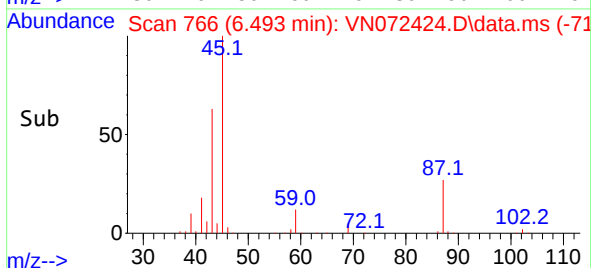
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

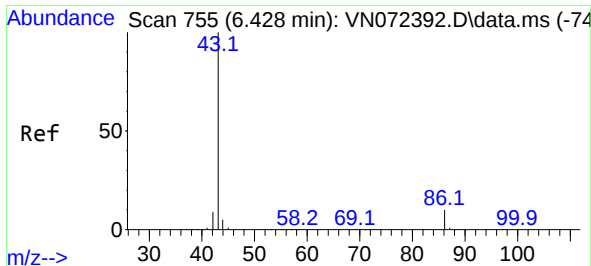


#22
Diisopropyl ether
Concen: 46.596 ug/l
RT: 6.493 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



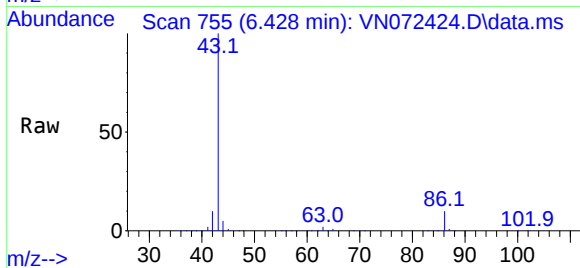
Tgt Ion: 45 Resp: 345009
Ion Ratio Lower Upper
45 100
43 61.6 46.6 70.0
87 26.7 24.3 36.5
59 11.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 234.552 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072424.D
 Acq: 11 May 2022 18:04

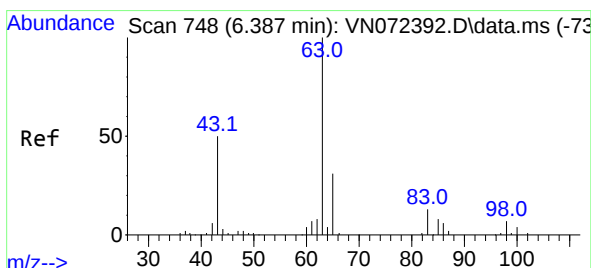
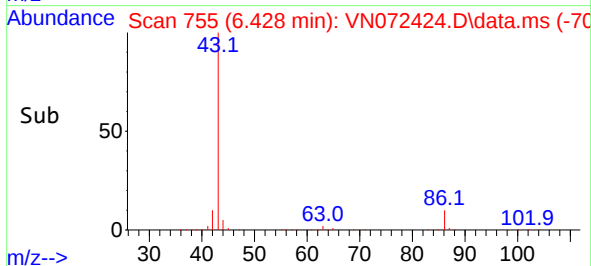
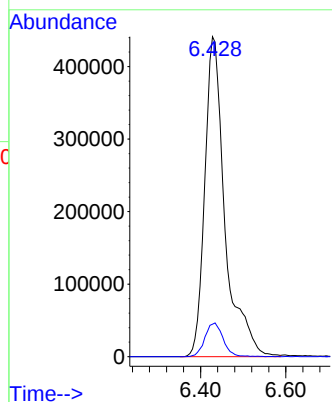
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20220509MSD



Tgt Ion: 43 Resp: 145312
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.0 15.0

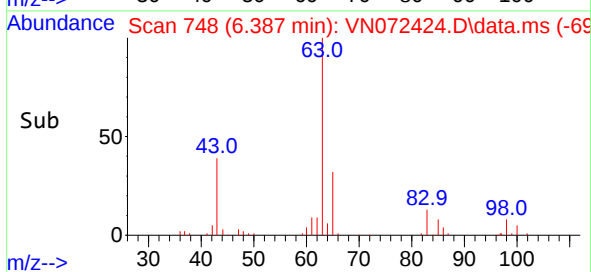
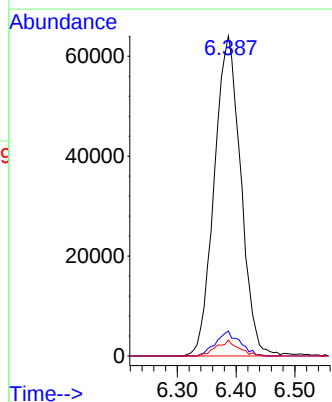
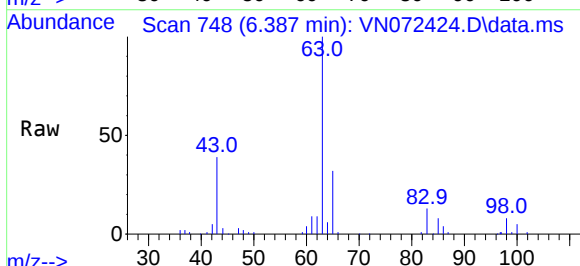
Manual Integrations
 APPROVED

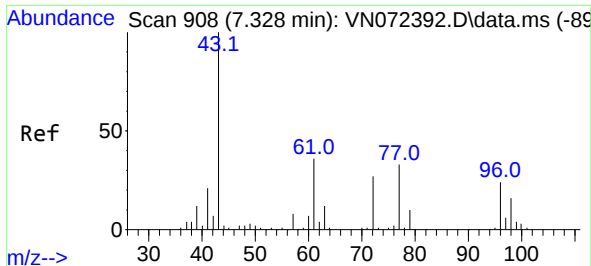
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022



#24
 1,1-Dichloroethane
 Concen: 47.903 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072424.D
 Acq: 11 May 2022 18:04

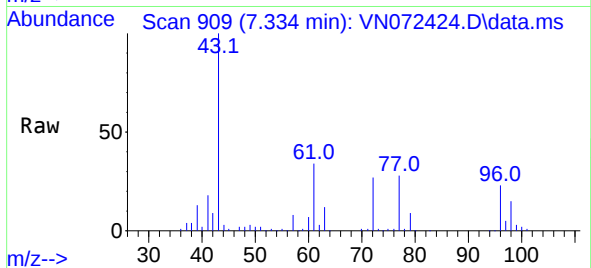
Tgt Ion: 63 Resp: 200151
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 233.055 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

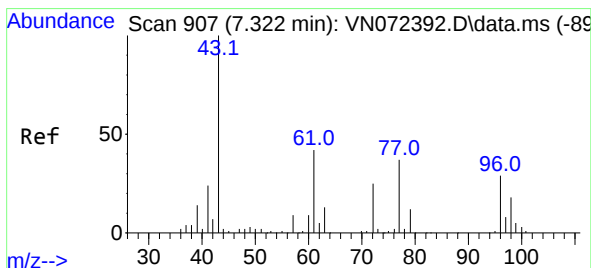
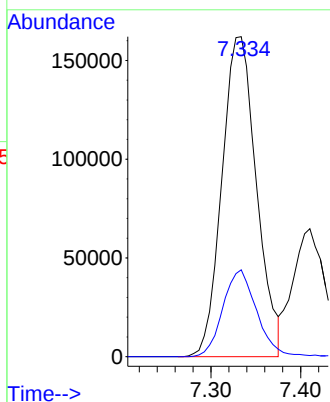
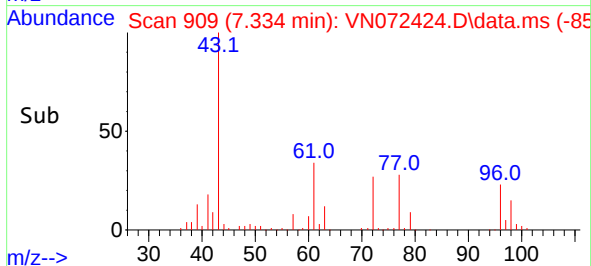
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



Tgt Ion: 43 Resp: 43391
Ion Ratio Lower Upper
43 100
72 27.1 23.7 35.5

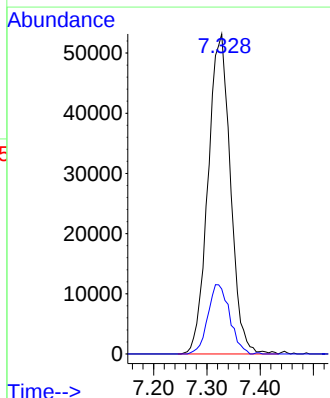
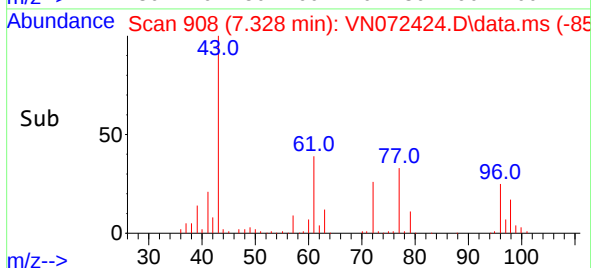
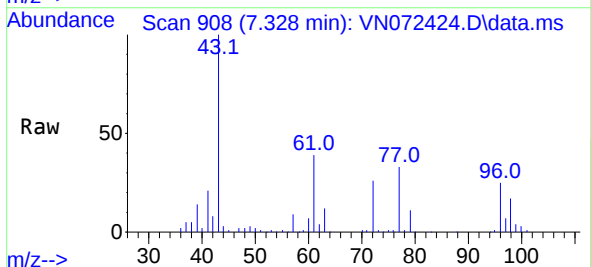
Manual Integrations
APPROVED

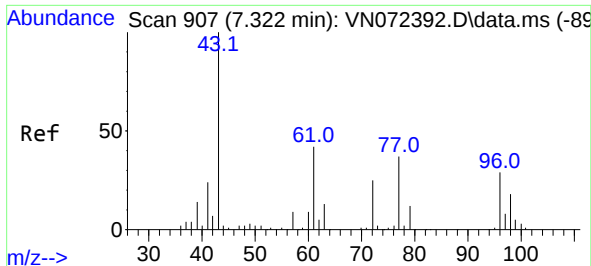
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#26
2,2-Dichloropropane
Concen: 44.193 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

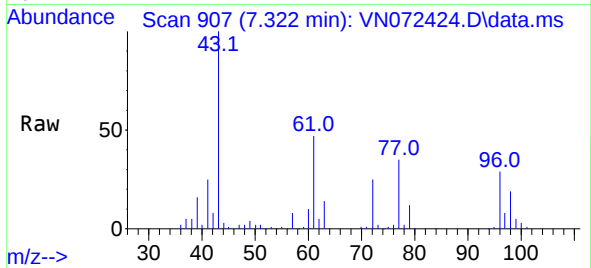
Tgt Ion: 77 Resp: 155167
Ion Ratio Lower Upper
77 100
97 21.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 49.032 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072424.D
 Acq: 11 May 2022 18:04

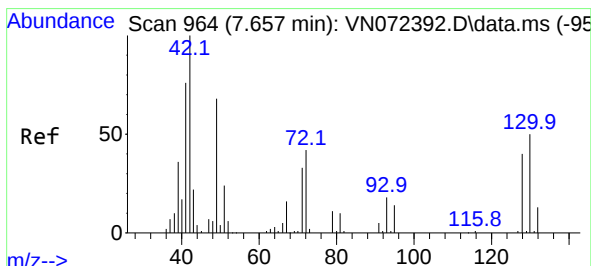
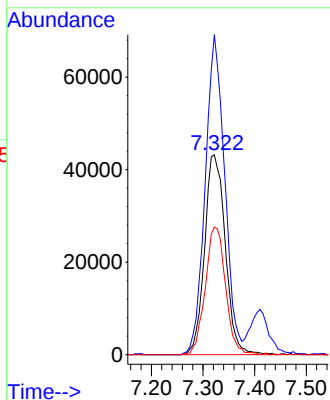
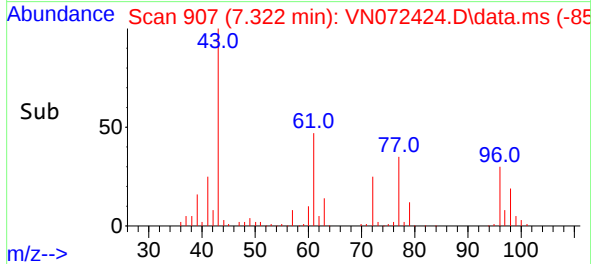
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20220509MSD



Tgt Ion: 96 Resp: 120693
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 280.6
 98 62.4 0.0 128.4

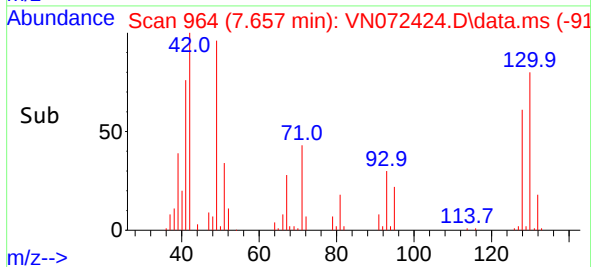
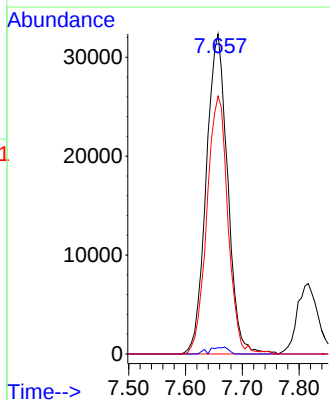
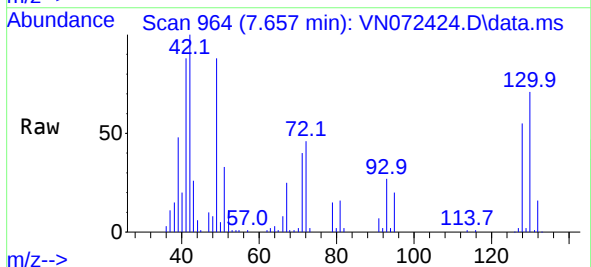
Manual Integrations
 APPROVED

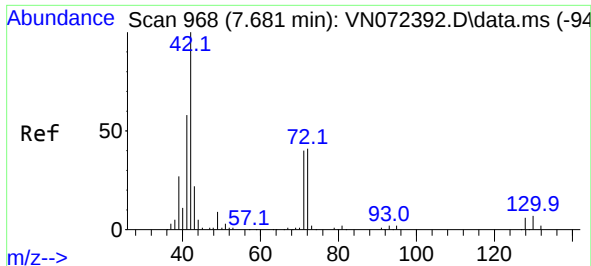
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022



#28
 Bromochloromethane
 Concen: 47.571 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VN072424.D
 Acq: 11 May 2022 18:04

Tgt Ion: 49 Resp: 84394
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 79.4 69.7 104.5





#29

Tetrahydrofuran

Concen: 240.401 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072424.D

Acq: 11 May 2022 18:04

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20220509MSD

Tgt Ion: 42 Resp: 29089

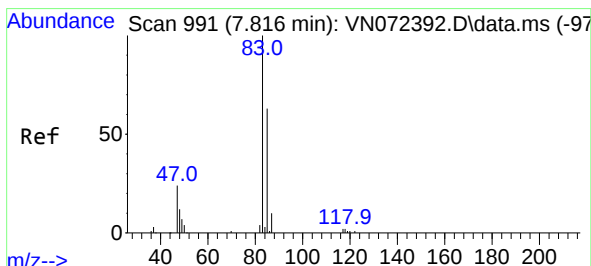
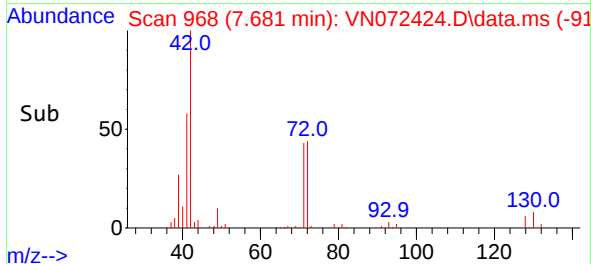
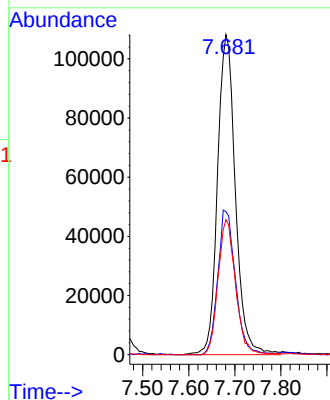
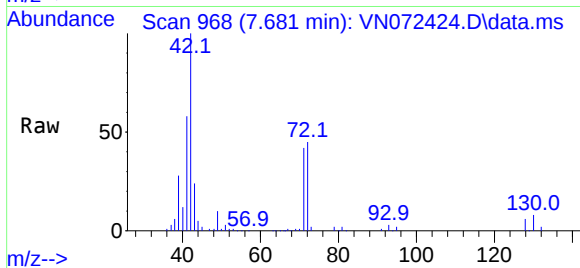
Ion	Ratio	Lower	Upper
42	100		
72	44.5	39.7	59.5
71	41.3	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#30

Chloroform

Concen: 50.662 ug/l

RT: 7.816 min Scan# 991

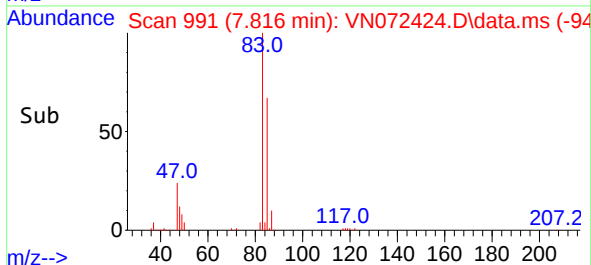
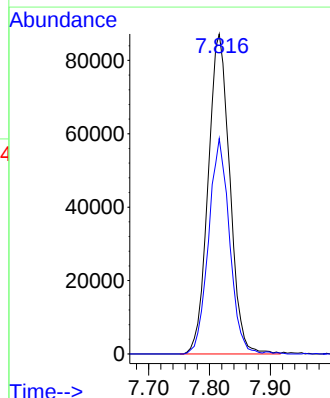
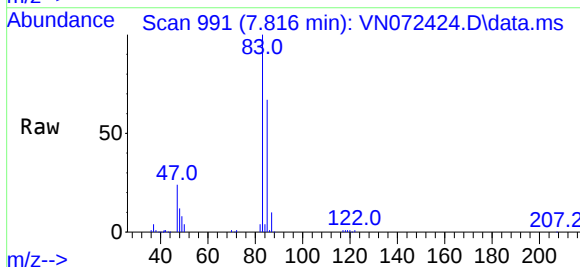
Delta R.T. 0.000 min

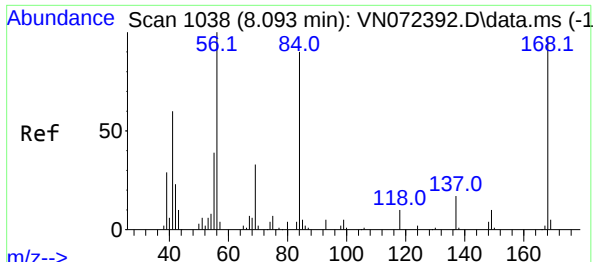
Lab File: VN072424.D

Acq: 11 May 2022 18:04

Tgt Ion: 83 Resp: 215350

Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.8	77.8





#31

Cyclohexane

Concen: 44.343 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.001 min

Lab File: VN072424.D

Acq: 11 May 2022 18:04

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20220509MSD

Tgt Ion: 56 Resp: 175020

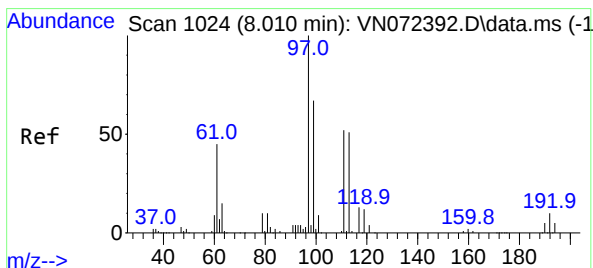
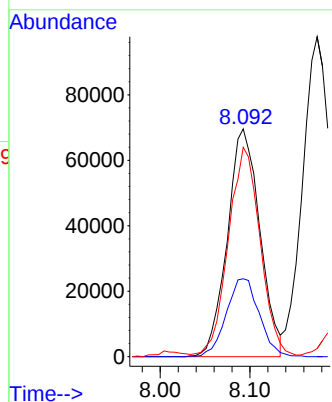
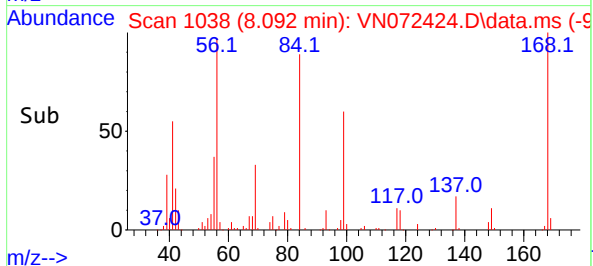
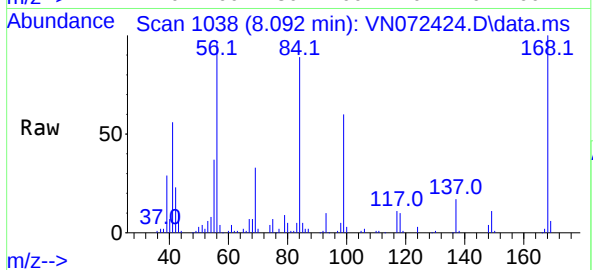
Ion	Ratio	Lower	Upper
56	100		
69	33.7	27.8	41.8
84	90.4	76.9	115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#32

1,1,1-Trichloroethane

Concen: 53.087 ug/l

RT: 8.016 min Scan# 1025

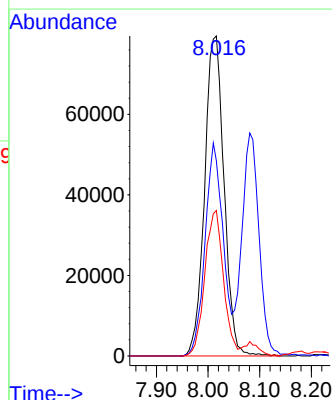
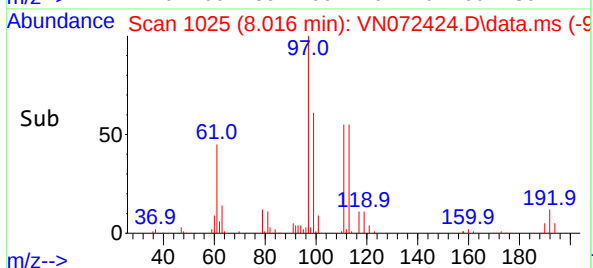
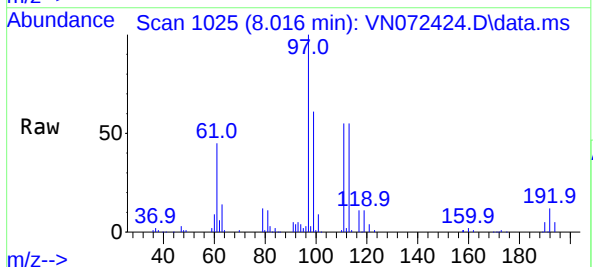
Delta R.T. 0.006 min

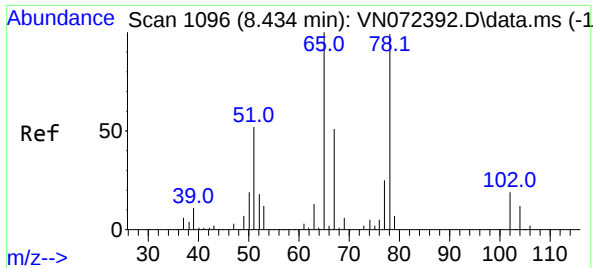
Lab File: VN072424.D

Acq: 11 May 2022 18:04

Tgt Ion: 97 Resp: 206975

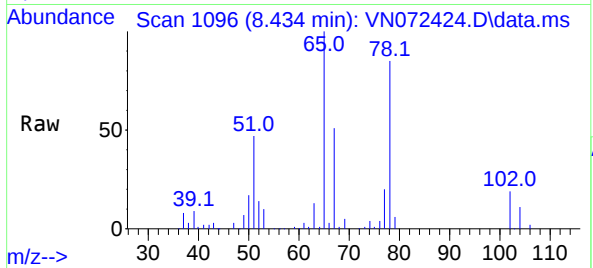
Ion	Ratio	Lower	Upper
97	100		
99	61.7	50.6	76.0
61	44.1	36.0	54.0





#33
1,2-Dichloroethane-d4
Concen: 50.487 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

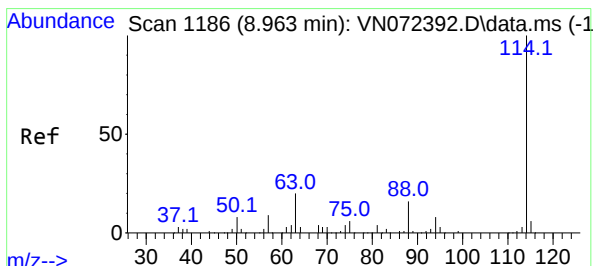
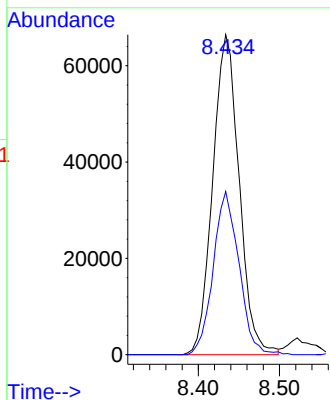
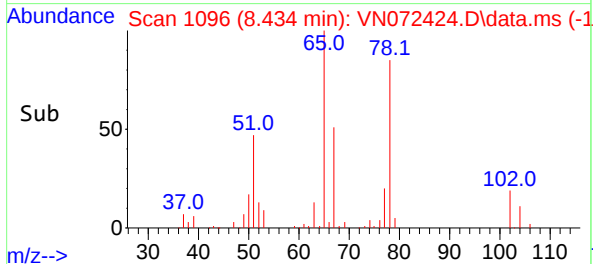
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



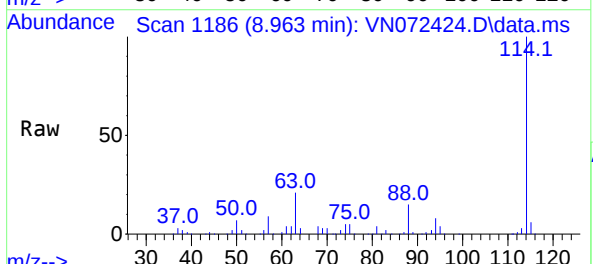
Tgt Ion: 65 Resp: 150388
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.8

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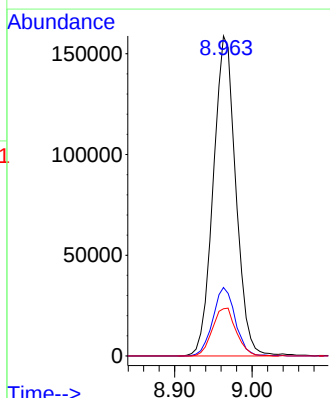
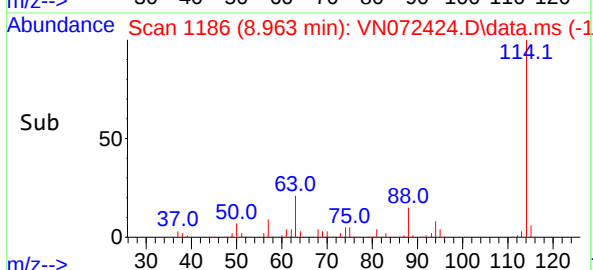
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

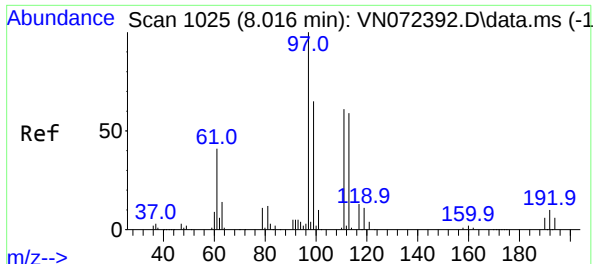


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



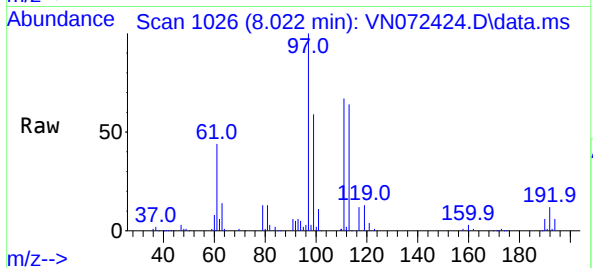
Tgt Ion:114 Resp: 320583
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 14.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.898 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

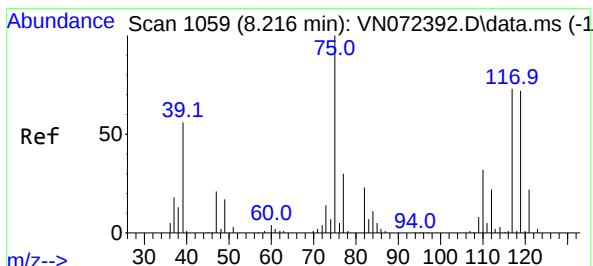
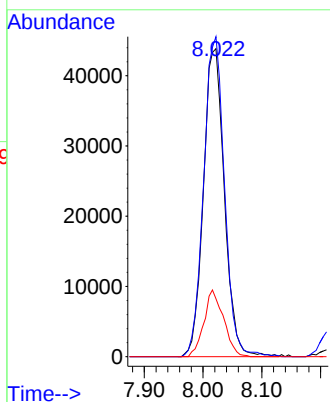
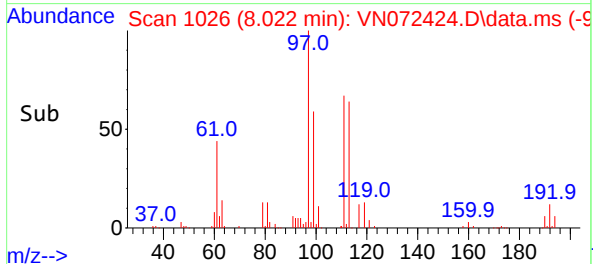
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



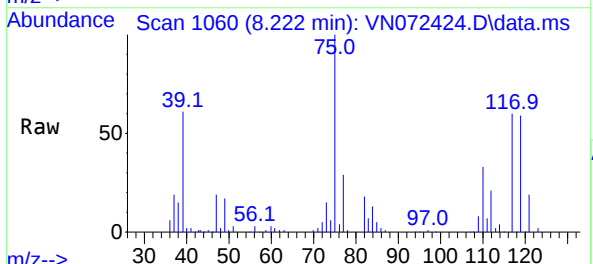
Tgt Ion:113 Resp: 108550
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 20.3 17.0 25.6

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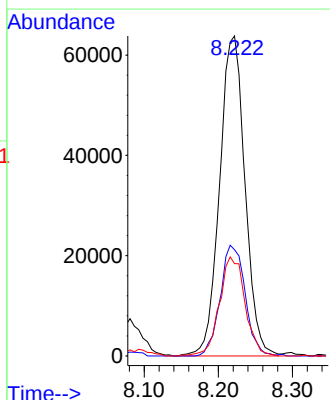
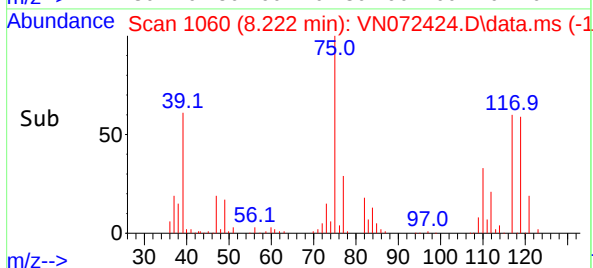
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

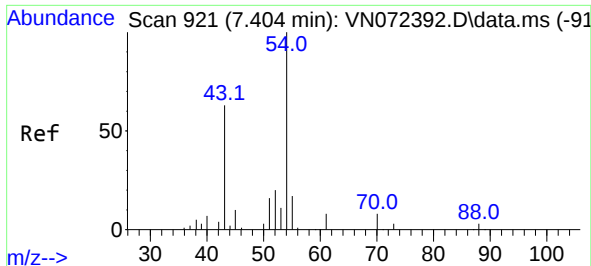


#36
1,1-Dichloropropene
Concen: 49.560 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



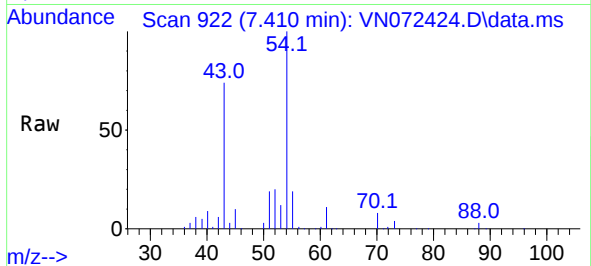
Tgt Ion: 75 Resp: 151820
Ion Ratio Lower Upper
75 100
110 34.1 18.3 54.8
77 31.2 25.1 37.7





#37
Ethyl Acetate
Concen: 46.657 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

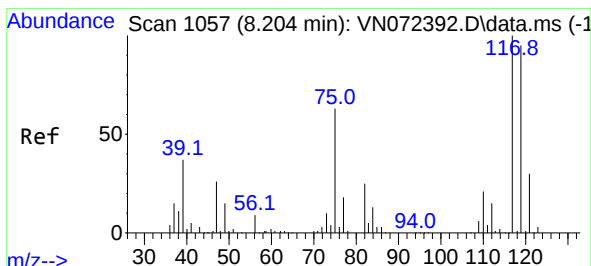
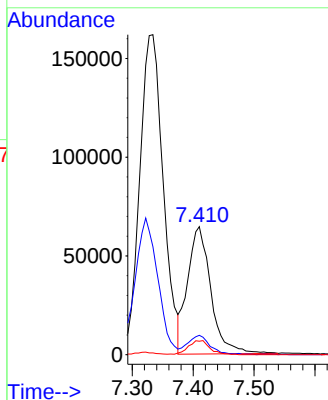
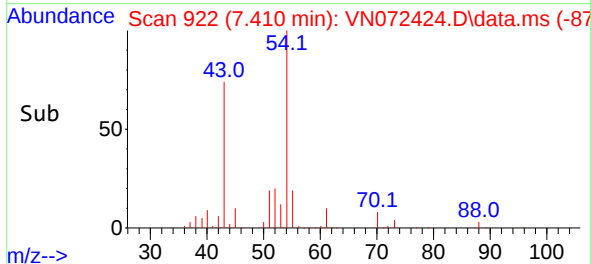
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



Tgt Ion: 43 Resp: 171484
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 10.2 9.3 13.9

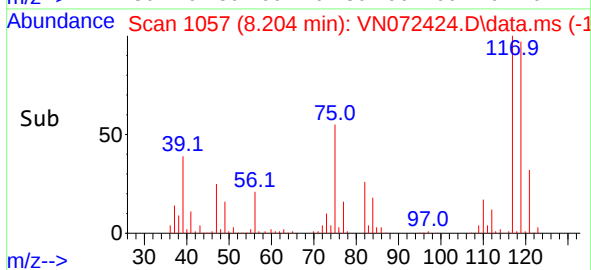
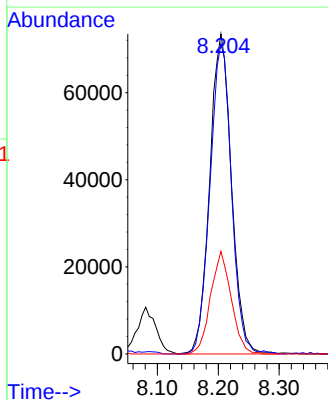
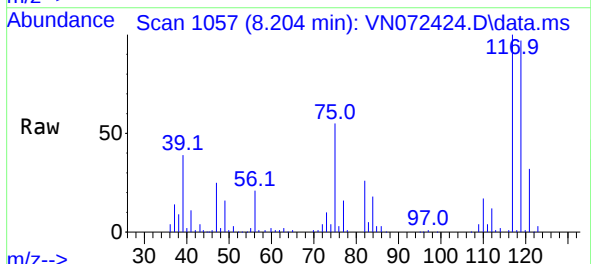
Manual Integrations
APPROVED

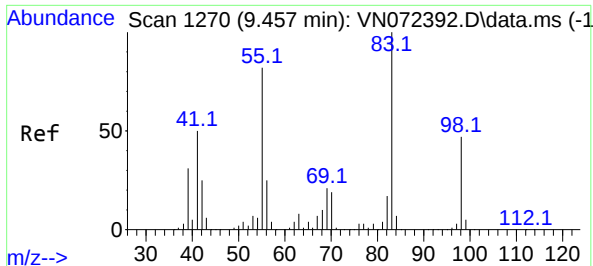
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#38
Carbon Tetrachloride
Concen: 53.119 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

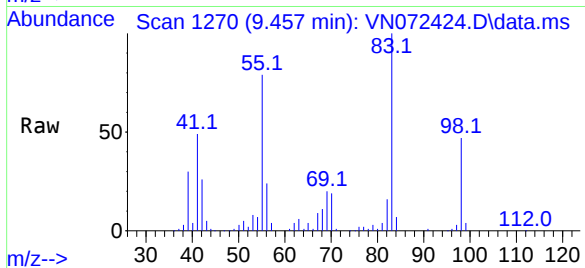
Tgt Ion:117 Resp: 182116
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8
121 32.1 24.6 37.0





#39
Methylcyclohexane
Concen: 51.581 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

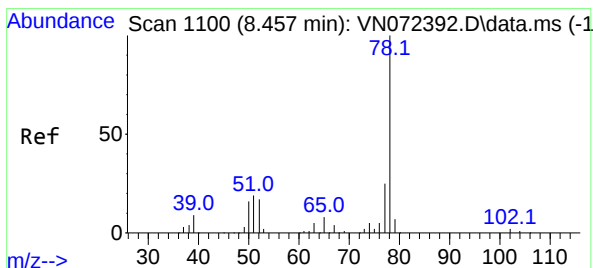
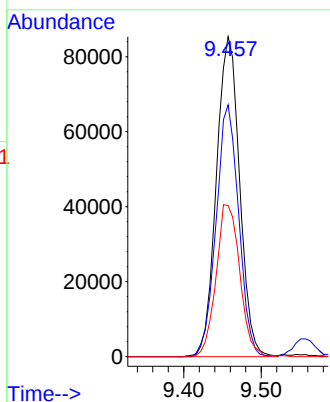
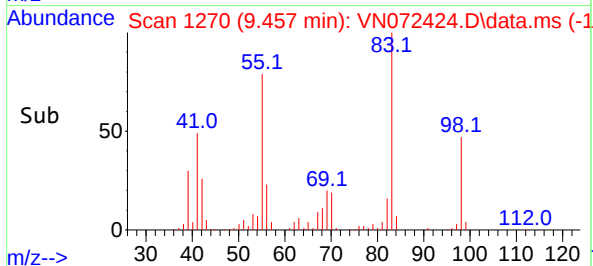
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



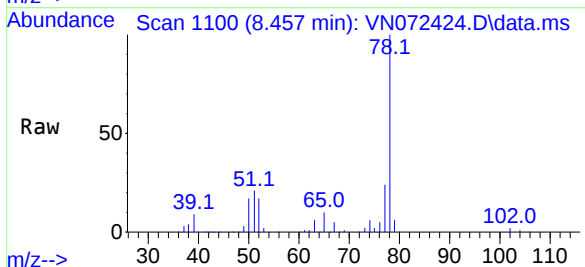
Tgt Ion: 83 Resp: 177585
Ion Ratio Lower Upper
83 100
55 78.7 57.8 86.8
98 47.3 39.4 59.2

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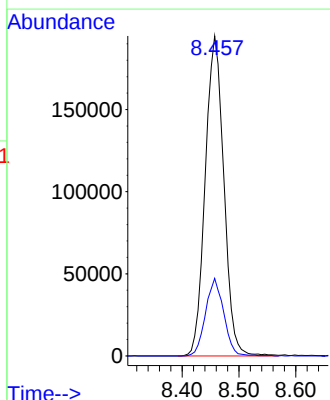
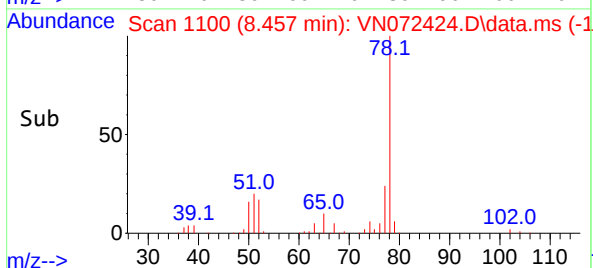
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

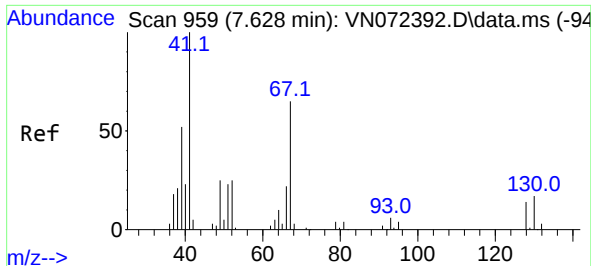


#40
Benzene
Concen: 48.395 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



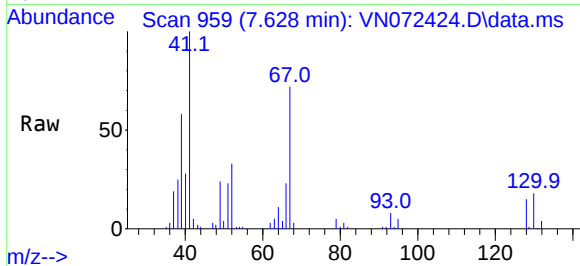
Tgt Ion: 78 Resp: 442875
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





#41
Methacrylonitrile
Concen: 50.328 ug/l
RT: 7.628 min Scan# 9159
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD

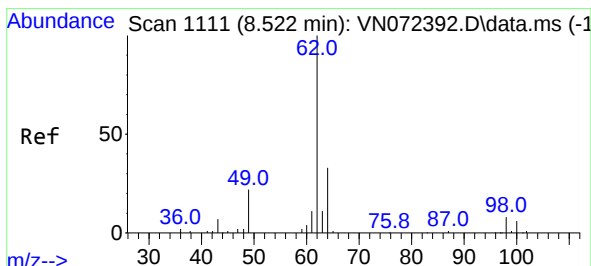
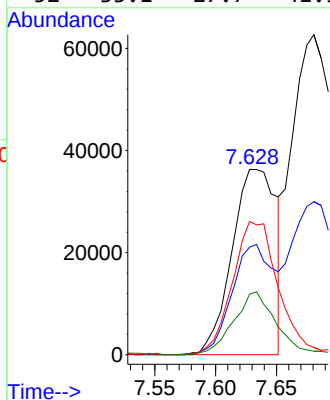
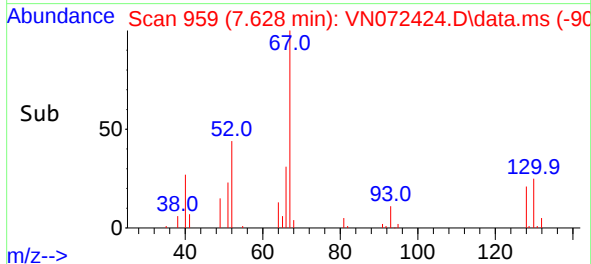


Tgt Ion: 41 Resp: 91592

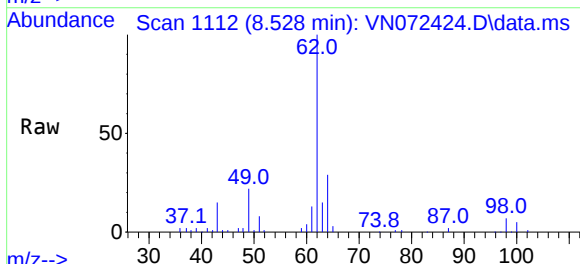
Ion	Ratio	Lower	Upper
41	100		
39	56.6	48.6	73.0
67	75.0	73.4	110.2
52	33.1	27.7	41.5

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

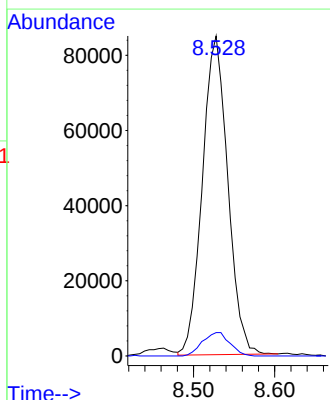
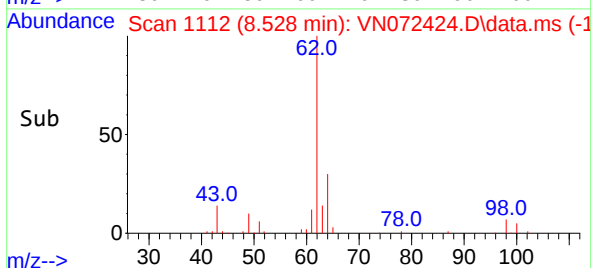


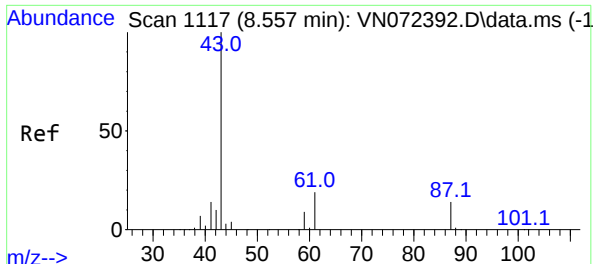
#42
1,2-Dichloroethane
Concen: 50.159 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



Tgt Ion: 62 Resp: 184493

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	19.4





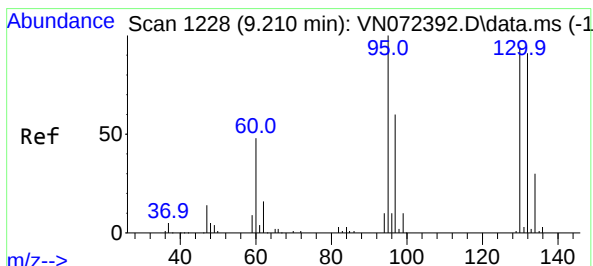
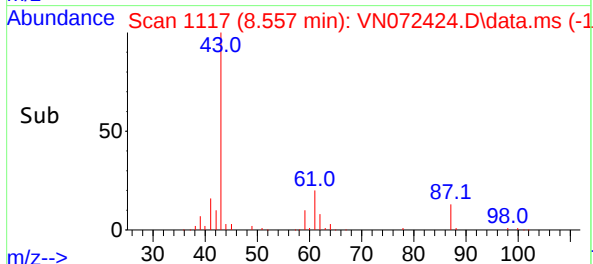
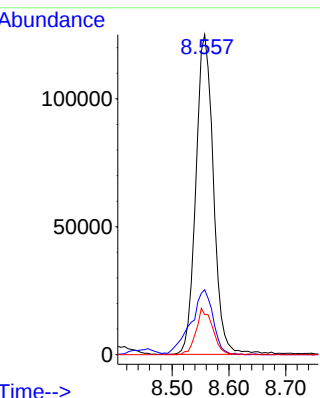
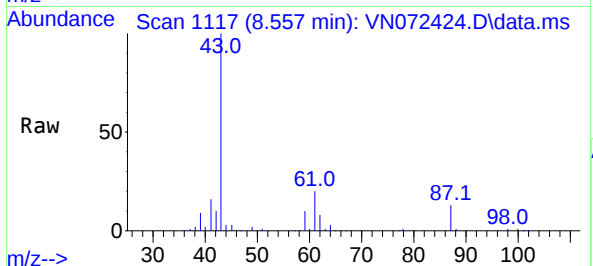
#43
Isopropyl Acetate
Concen: 47.368 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD

Tgt Ion: 43 Resp: 26741
Ion Ratio Lower Upper
43 100
61 26.0 21.9 32.9
87 13.7 12.0 18.0

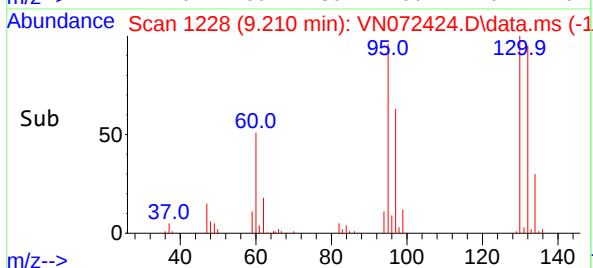
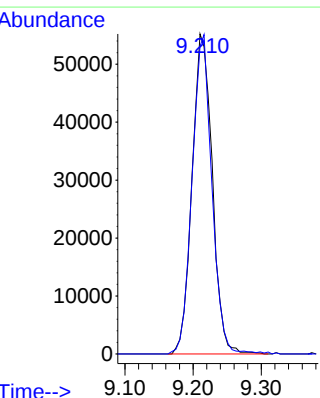
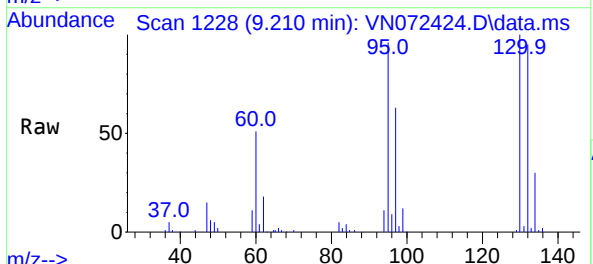
Manual Integrations
APPROVED

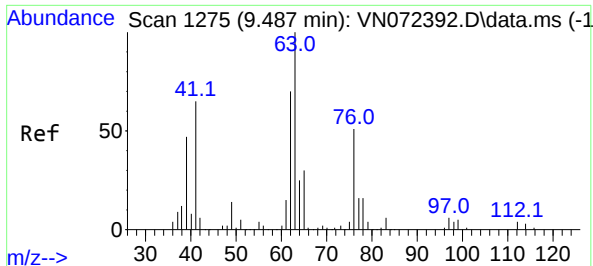
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#44
Trichloroethene
Concen: 48.958 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Tgt Ion:130 Resp: 113733
Ion Ratio Lower Upper
130 100
95 96.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 48.172 ug/l

RT: 9.486 min Scan# 112579

Delta R.T. -0.001 min

Lab File: VN072424.D

Acq: 11 May 2022 18:04

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20220509MSD

Tgt Ion: 63 Resp: 112579

Ion Ratio Lower Upper

63 100

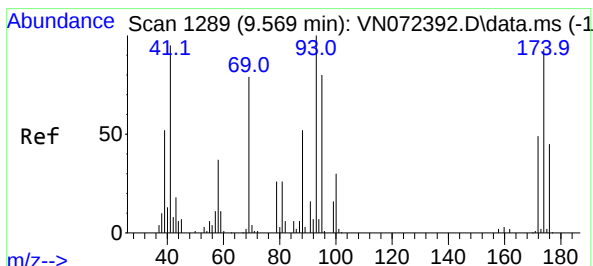
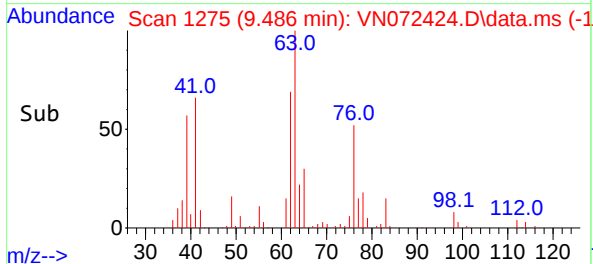
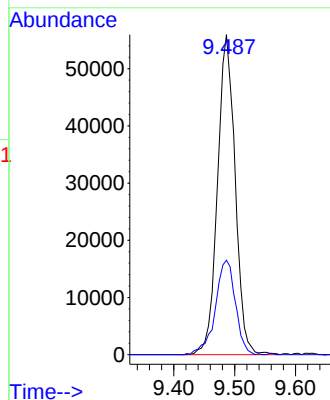
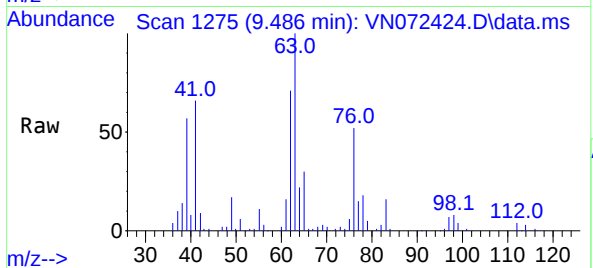
65 29.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#46

Dibromomethane

Concen: 50.222 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN072424.D

Acq: 11 May 2022 18:04

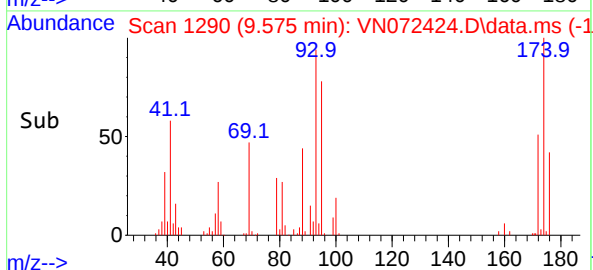
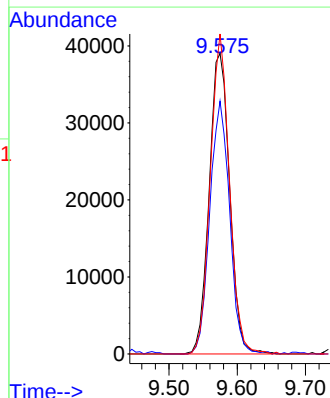
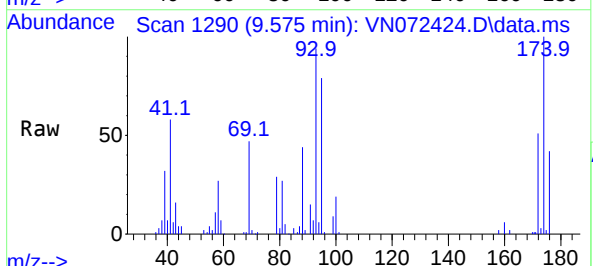
Tgt Ion: 93 Resp: 81725

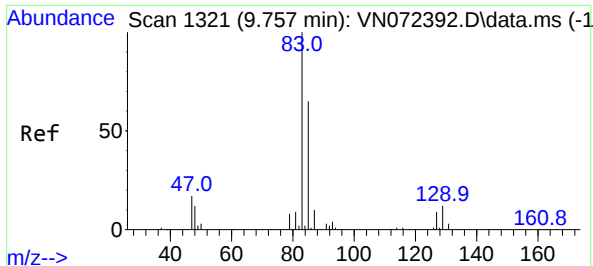
Ion Ratio Lower Upper

93 100

95 81.5 66.9 100.3

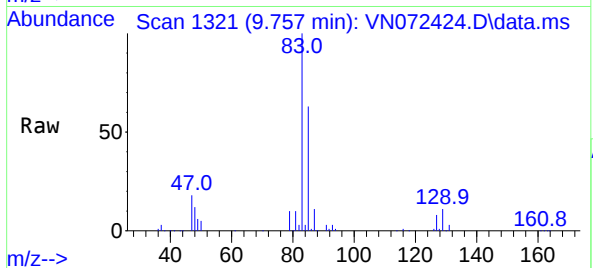
174 99.5 86.6 130.0





#47
Bromodichloromethane
Concen: 51.764 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

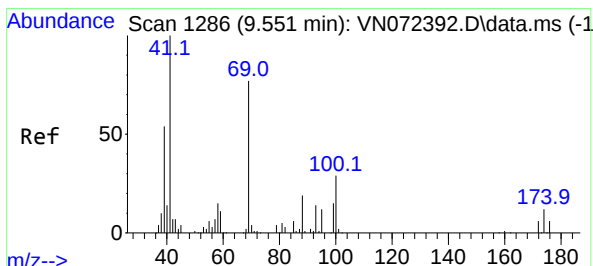
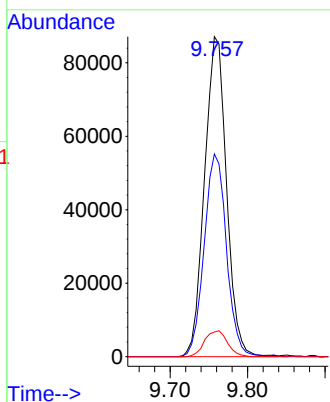
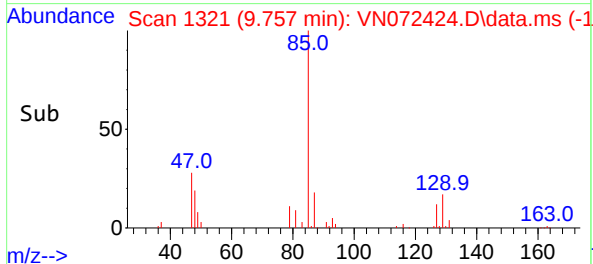
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



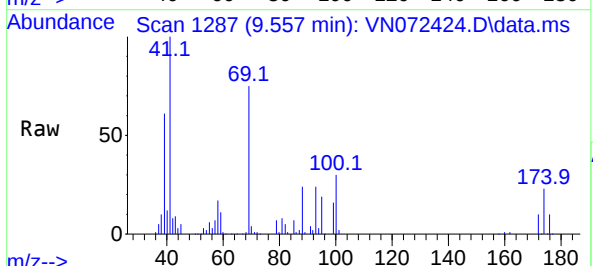
Tgt Ion: 83 Resp: 17172
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 7.7 6.8 10.2

Manual Integrations
APPROVED

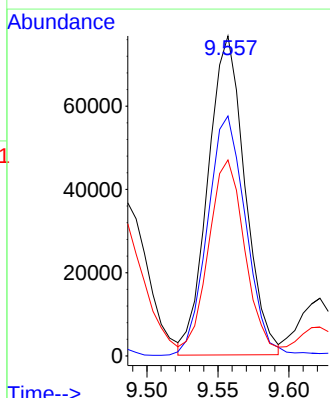
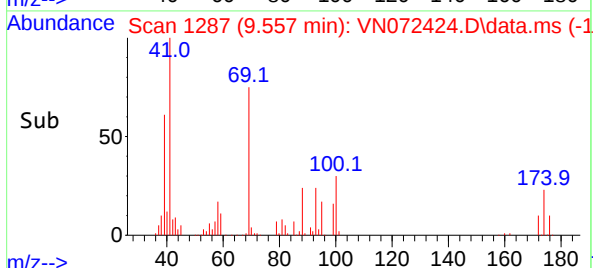
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

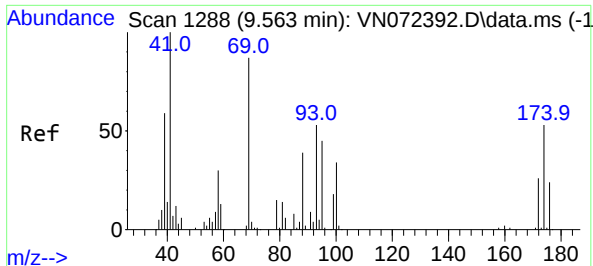


#48
Methyl methacrylate
Concen: 52.748 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



Tgt Ion: 41 Resp: 138934
Ion Ratio Lower Upper
41 100
69 78.5 74.7 112.1
39 60.8 45.6 68.4





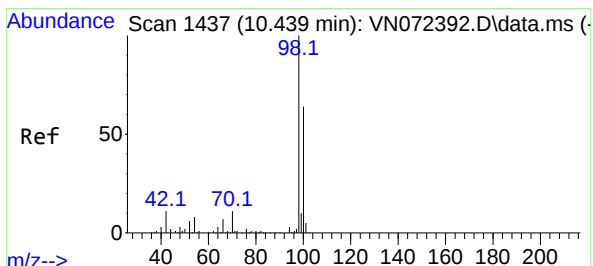
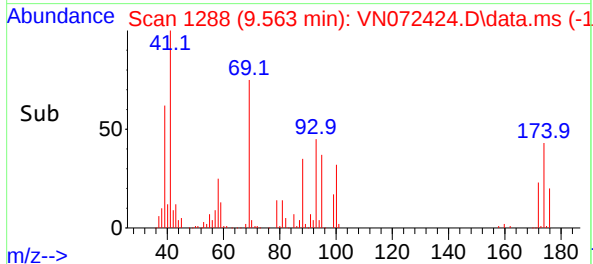
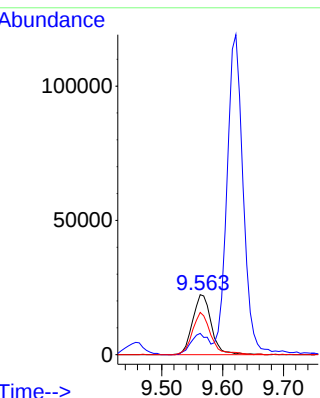
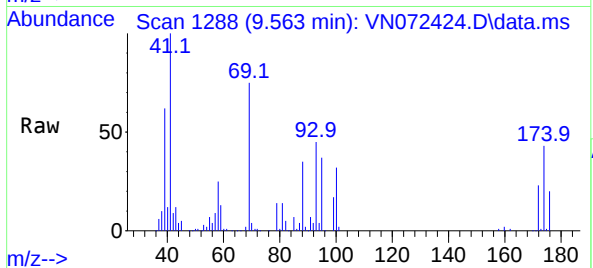
#49
1,4-Dioxane
Concen: 1062.025 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD

Tgt Ion: 88 Resp: 4771
Ion Ratio Lower Upper
88 100
43 33.0 20.2 30.4
58 69.2 54.2 81.4

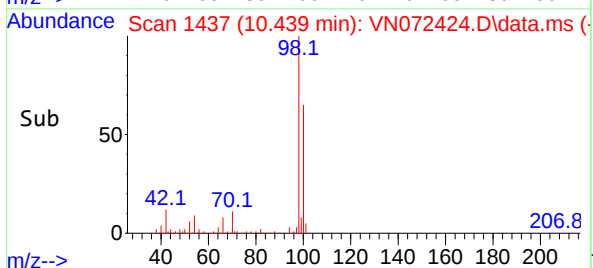
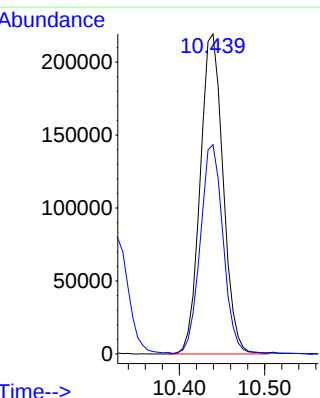
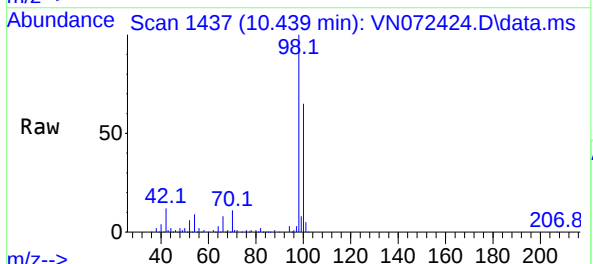
Manual Integrations
APPROVED

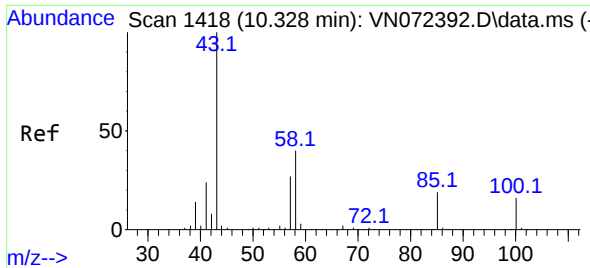
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#50
Toluene-d8
Concen: 50.446 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

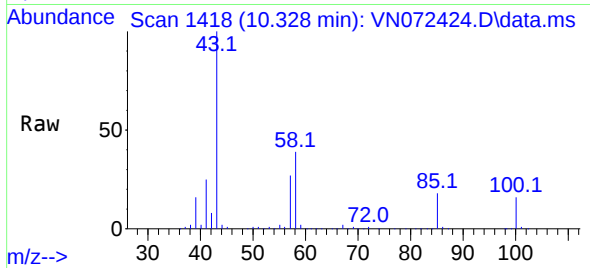
Tgt Ion: 98 Resp: 409765
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 254.364 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

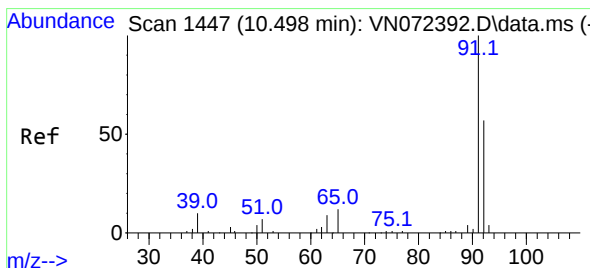
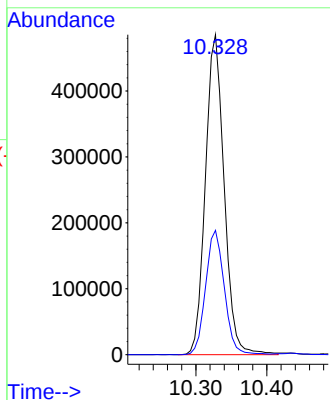
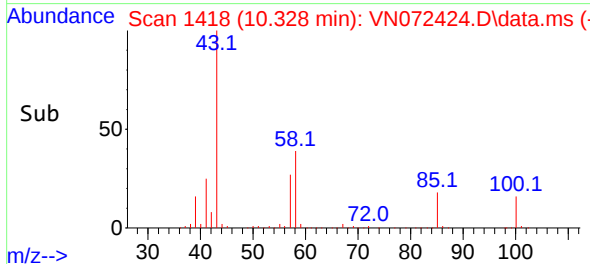
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



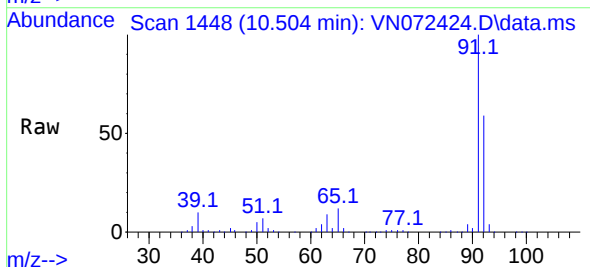
Tgt Ion: 43 Resp: 89167
Ion Ratio Lower Upper
43 100
58 38.8 34.1 51.1

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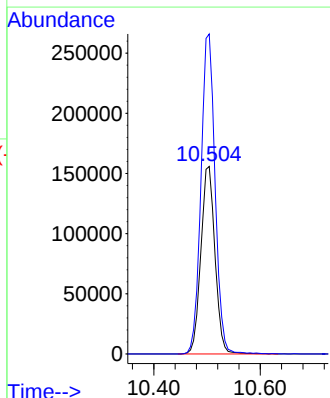
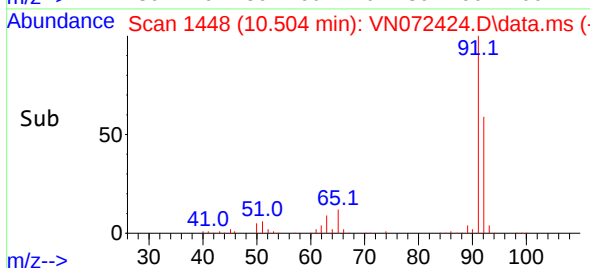
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

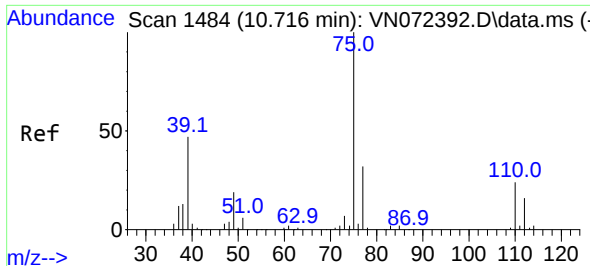


#52
Toluene
Concen: 50.707 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



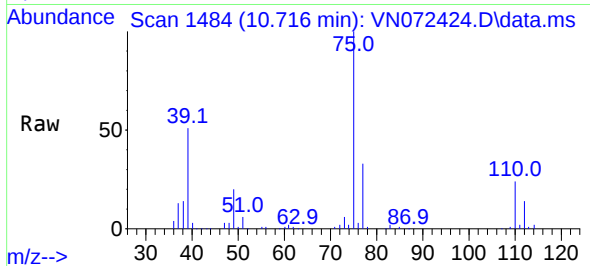
Tgt Ion: 92 Resp: 286127
Ion Ratio Lower Upper
92 100
91 171.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 51.949 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

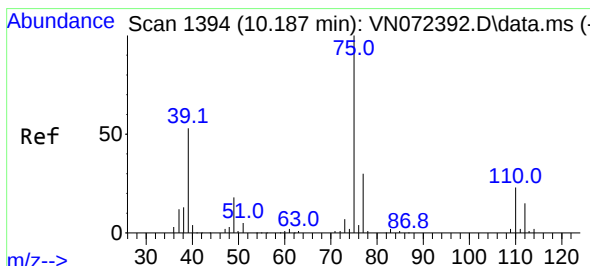
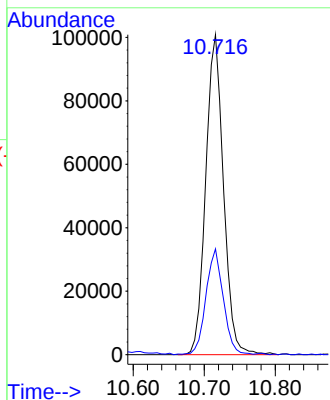
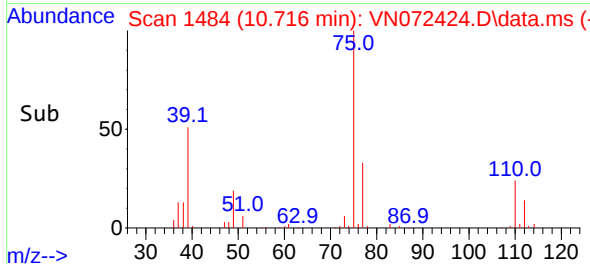
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



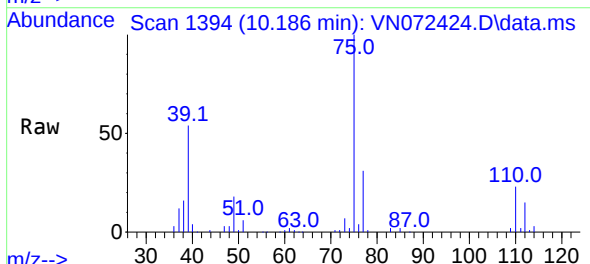
Tgt Ion: 75 Resp: 175424
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4

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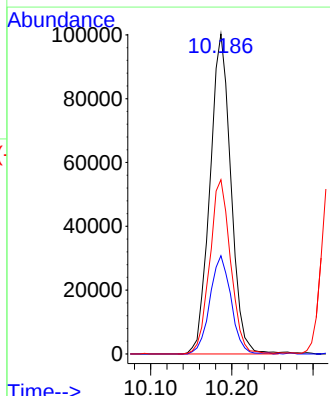
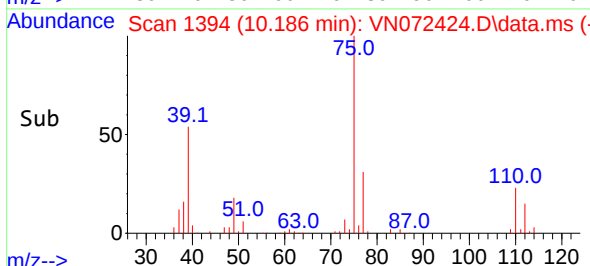
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

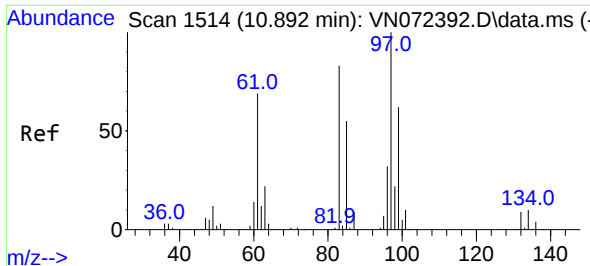


#54
cis-1,3-Dichloropropene
Concen: 49.882 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.001 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



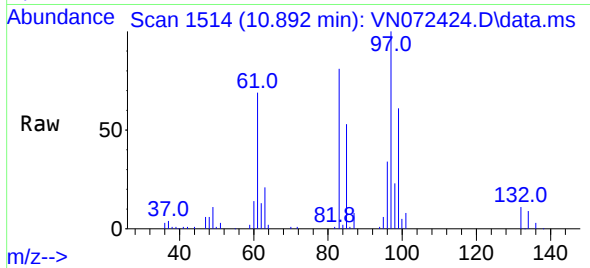
Tgt Ion: 75 Resp: 179715
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8
39 54.5 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 49.670 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD

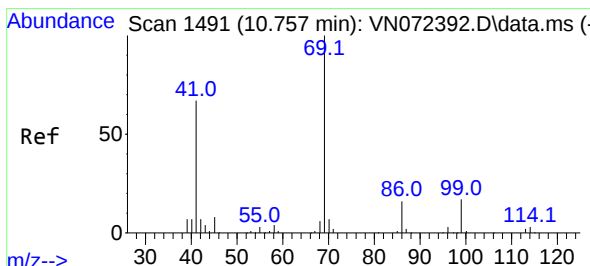
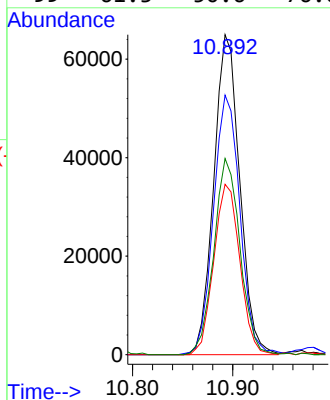
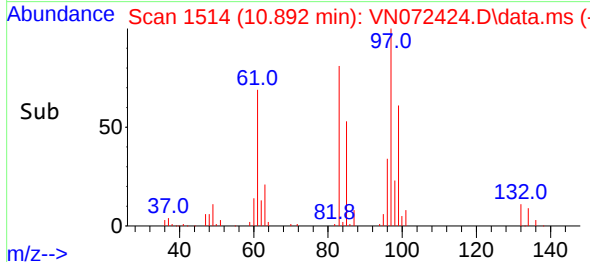


Tgt Ion: 97 Resp: 116760

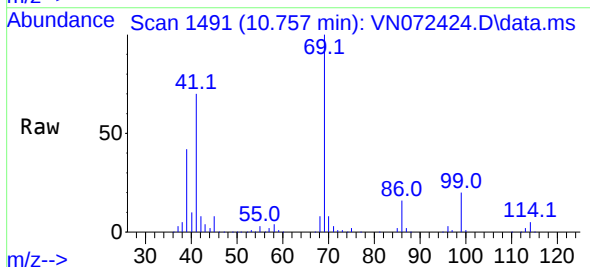
Ion	Ratio	Lower	Upper
97	100		
83	81.1	66.2	99.4
85	53.3	43.9	65.9
99	61.3	50.6	76.0

Manual Integrations
APPROVED

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

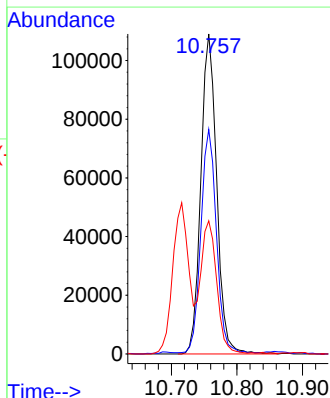
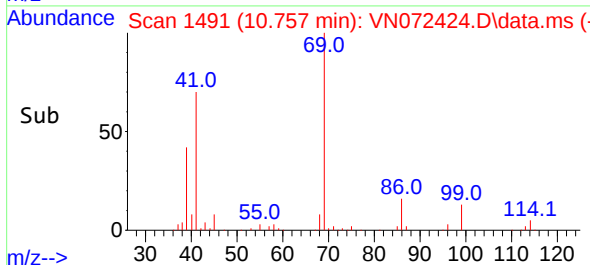


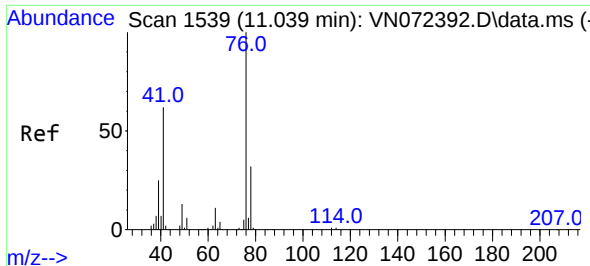
#56
Ethyl methacrylate
Concen: 54.422 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



Tgt Ion: 69 Resp: 183351

Ion	Ratio	Lower	Upper
69	100		
41	68.2	47.8	71.6
39	42.3	27.3	40.9





#57

1,3-Dichloropropane

Concen: 49.261 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072424.D

Acq: 11 May 2022 18:04

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20220509MSD

Tgt Ion: 76 Resp: 197189

Ion Ratio Lower Upper

76 100

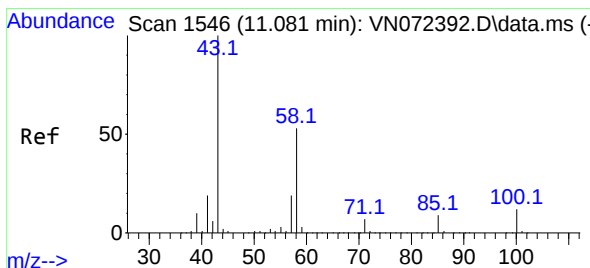
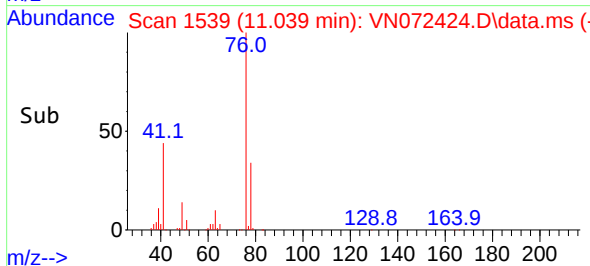
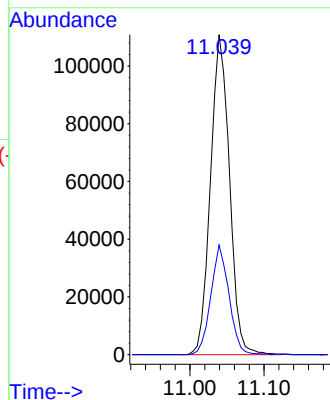
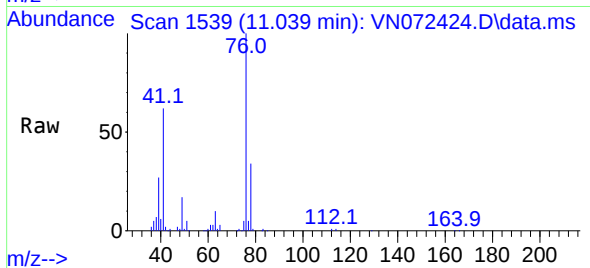
78 32.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#59

2-Hexanone

Concen: 265.556 ug/l

RT: 11.081 min Scan# 1546

Delta R.T. -0.000 min

Lab File: VN072424.D

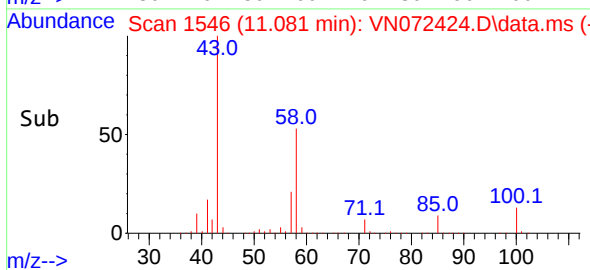
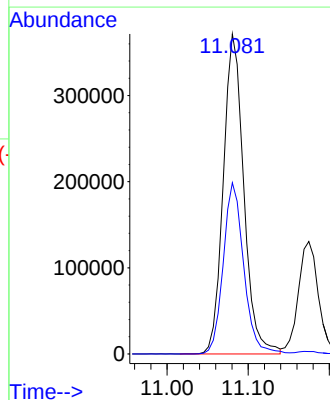
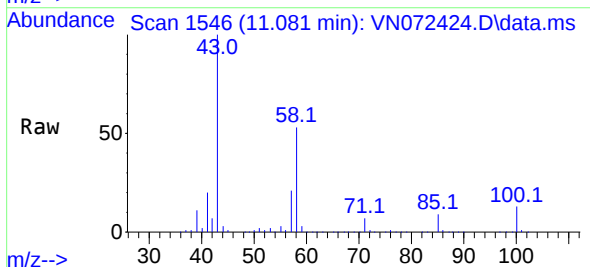
Acq: 11 May 2022 18:04

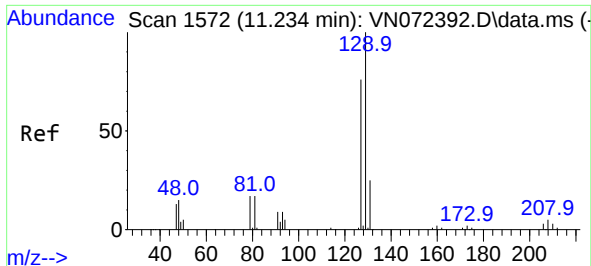
Tgt Ion: 43 Resp: 652734

Ion Ratio Lower Upper

43 100

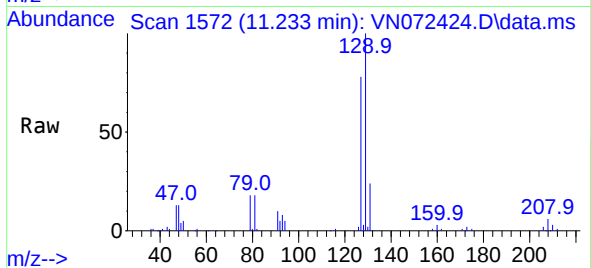
58 53.4 29.7 89.1





#60
Dibromochloromethane
Concen: 53.663 ug/l
RT: 11.233 min Scan# 1129
Delta R.T. -0.001 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

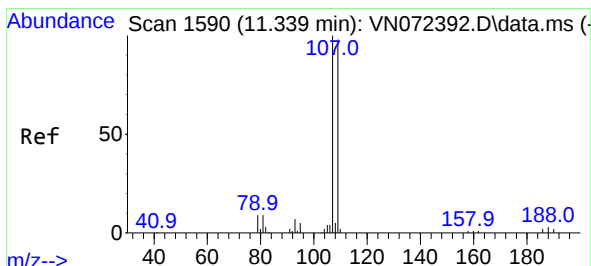
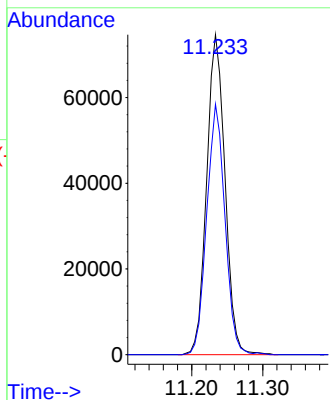
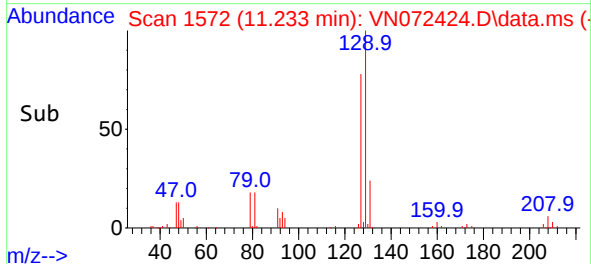
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



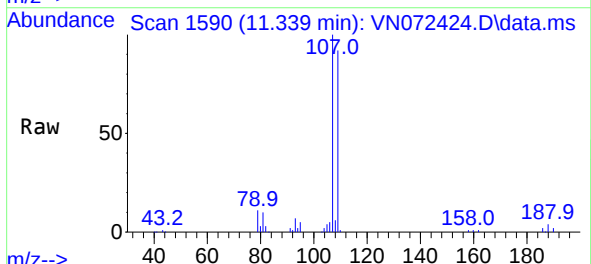
Tgt Ion:129 Resp: 134004
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4

Manual Integrations
APPROVED

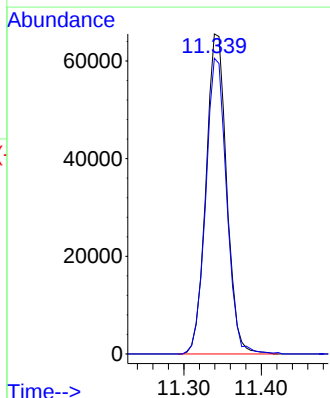
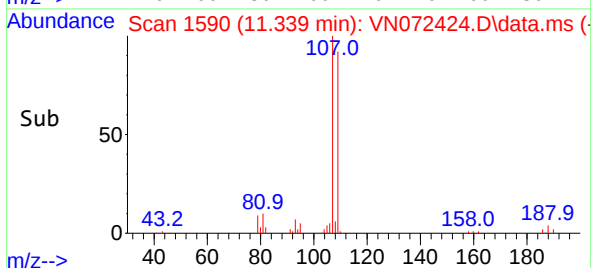
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

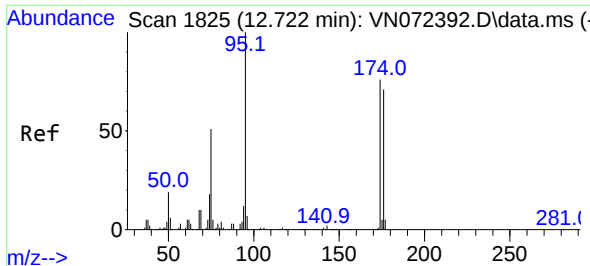


#61
1,2-Dibromoethane
Concen: 51.856 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



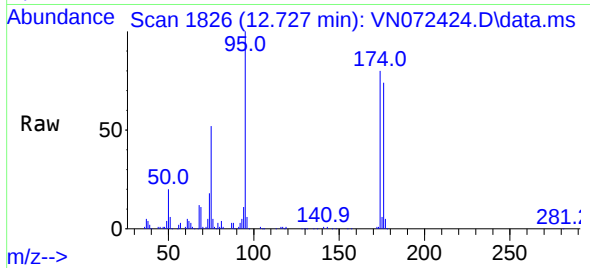
Tgt Ion:107 Resp: 121483
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 54.743 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

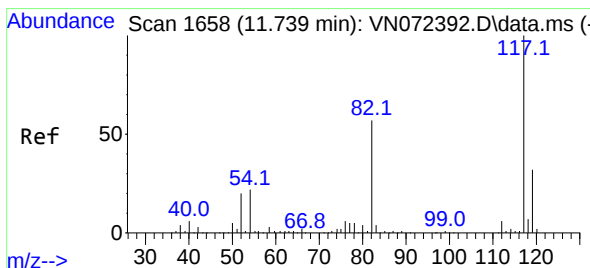
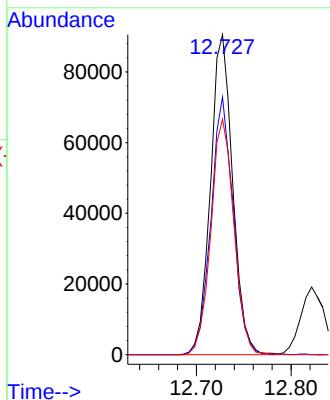
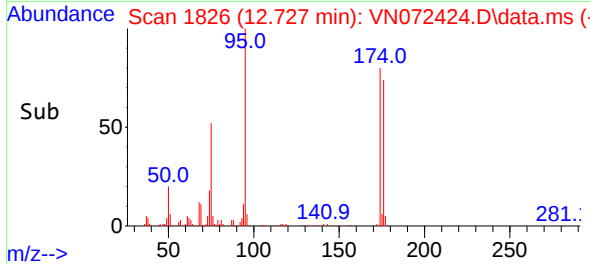
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



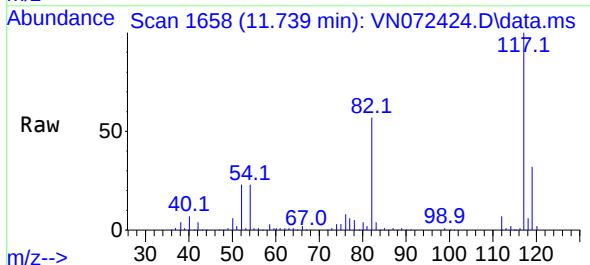
Tgt Ion: 95 Resp: 147678
Ion Ratio Lower Upper
95 100
174 80.8 0.0 167.6
176 76.2 0.0 163.4

Manual Integrations
APPROVED

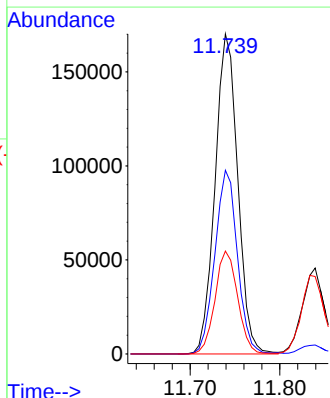
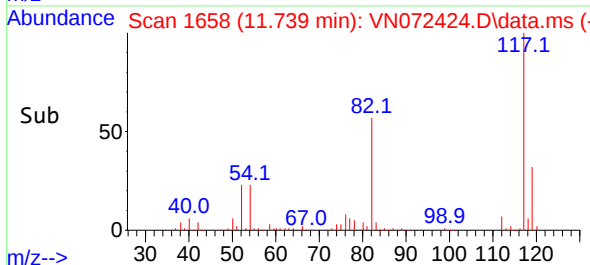
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

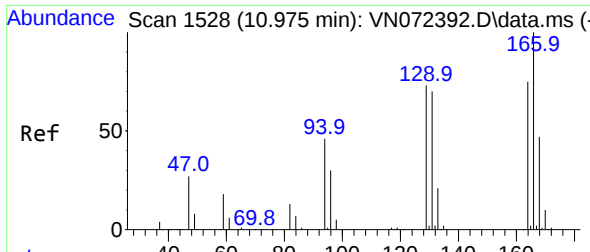


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



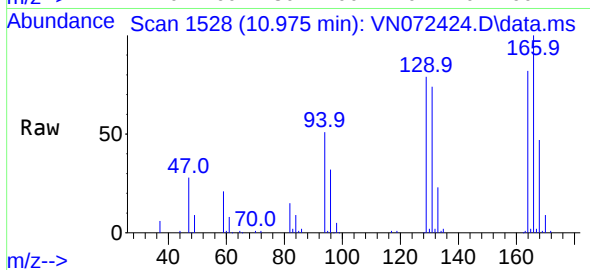
Tgt Ion:117 Resp: 298797
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 32.1 25.4 38.0





#64
Tetrachloroethene
Concen: 46.879 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

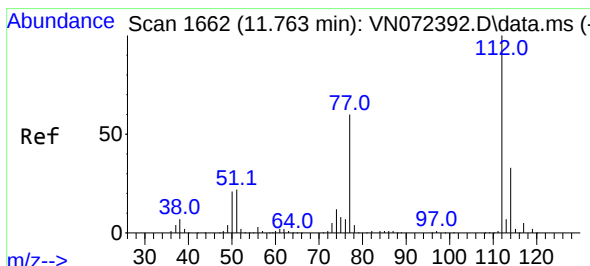
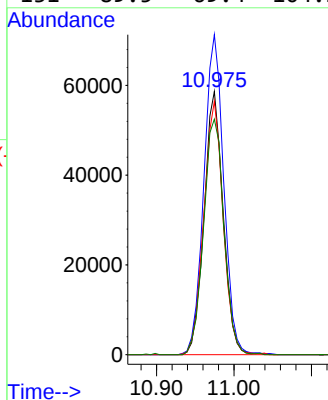
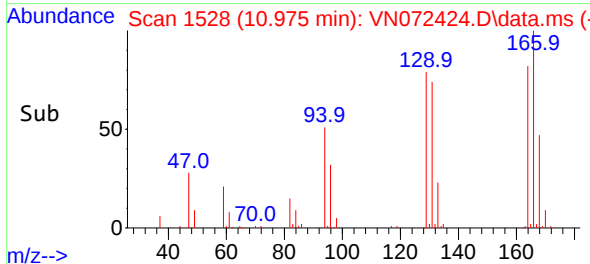
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



Tgt Ion:164 Resp: 100823
Ion Ratio Lower Upper
164 100
166 121.6 104.2 156.2
129 96.3 73.9 110.9
131 89.5 69.4 104.2

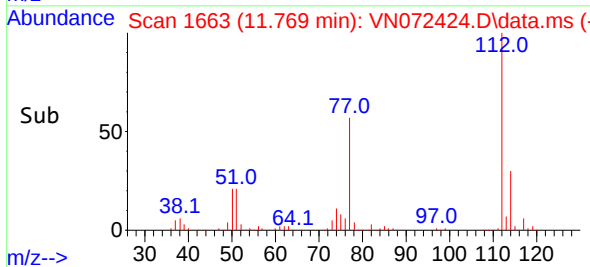
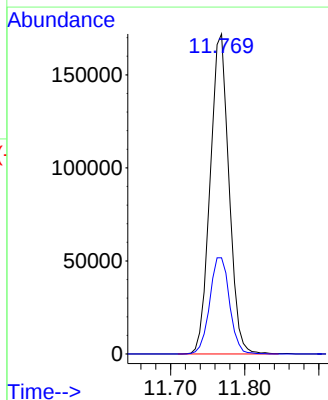
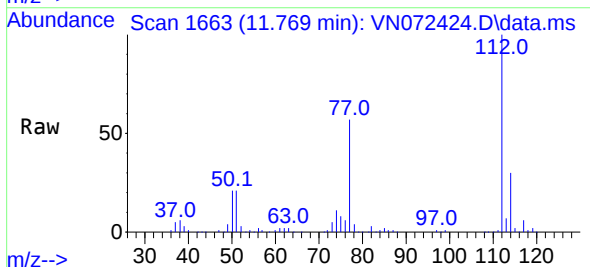
Manual Integrations
APPROVED

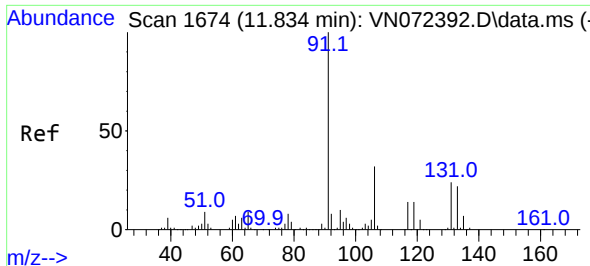
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#65
Chlorobenzene
Concen: 49.544 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Tgt Ion:112 Resp: 302452
Ion Ratio Lower Upper
112 100
114 30.0 25.4 38.2





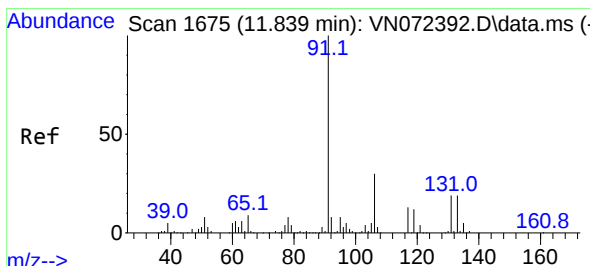
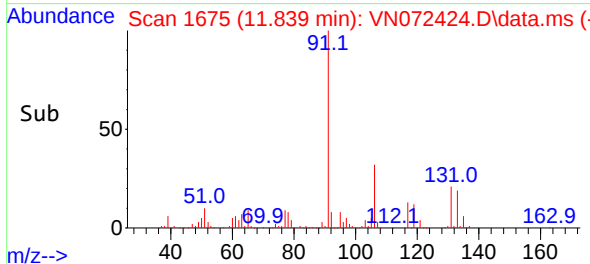
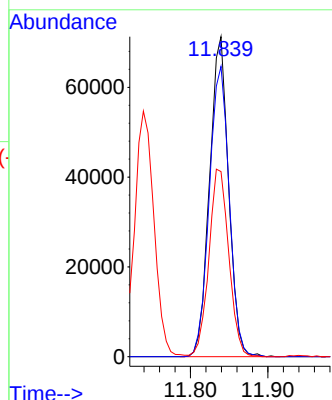
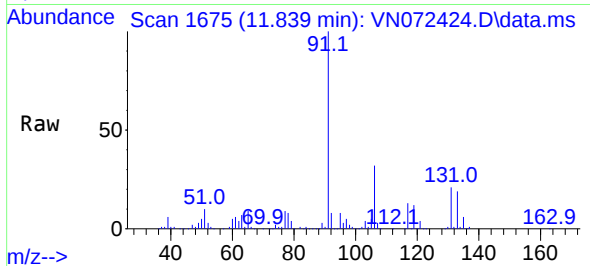
#66
1,1,1,2-Tetrachloroethane
Concen: 49.730 ug/l
RT: 11.839 min Scan# 1674
Delta R.T. 0.005 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD

Tgt Ion:131 Resp: 12151
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 61.3 33.4 100.2

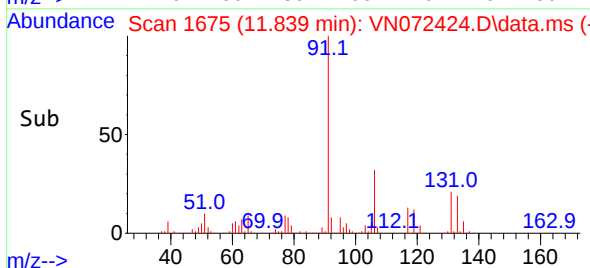
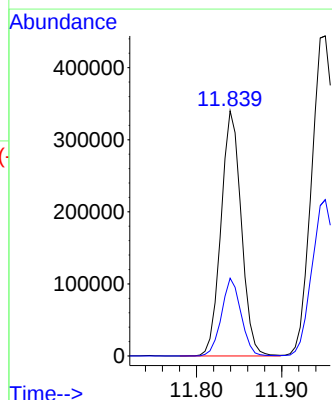
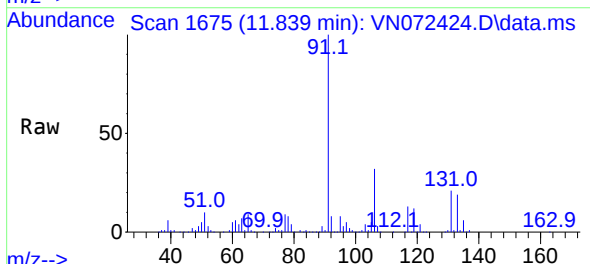
Manual Integrations
APPROVED

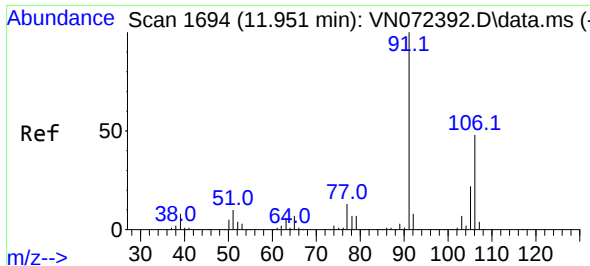
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#67
Ethyl Benzene
Concen: 53.372 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

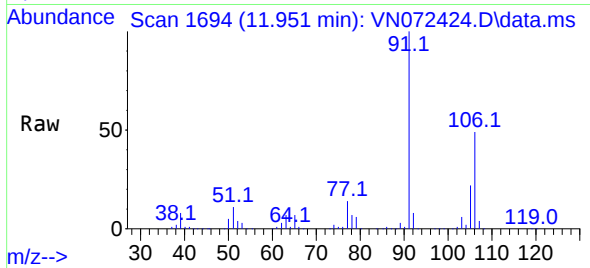
Tgt Ion: 91 Resp: 562157
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3





#68
m/p-Xylenes
Concen: 106.024 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

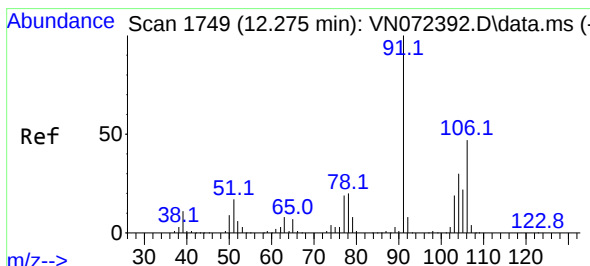
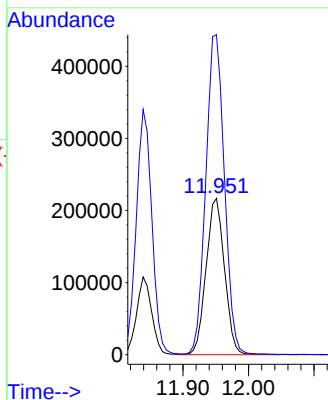
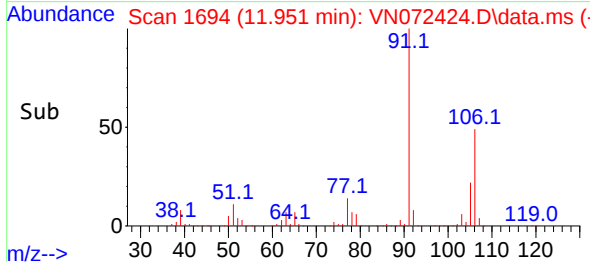
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



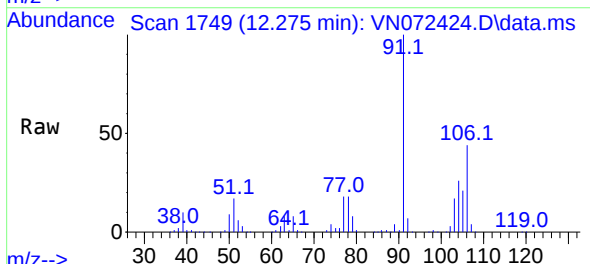
Tgt Ion:106 Resp: 423544
Ion Ratio Lower Upper
106 100
91 207.0 158.9 238.3

Manual Integrations
APPROVED

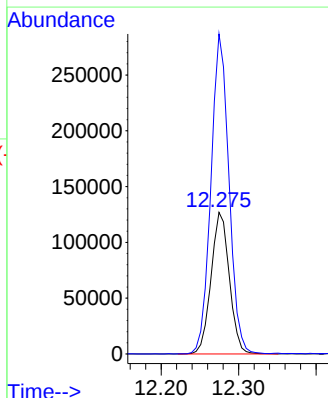
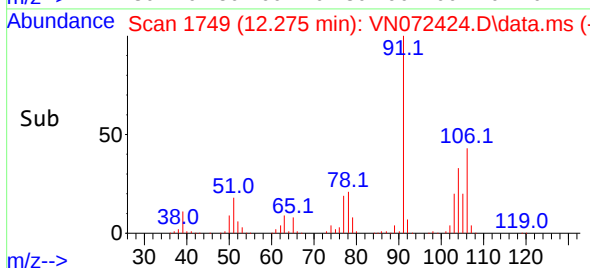
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

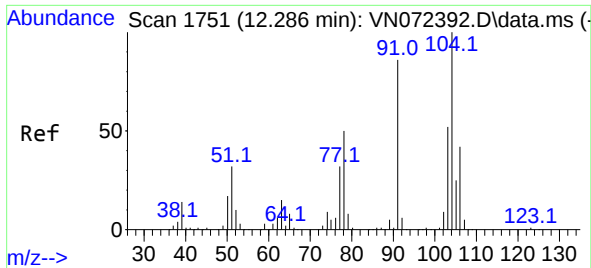


#69
o-Xylene
Concen: 53.206 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



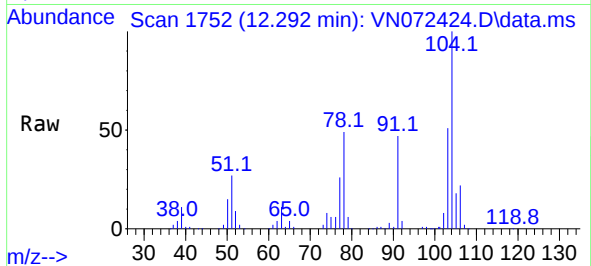
Tgt Ion:106 Resp: 208835
Ion Ratio Lower Upper
106 100
91 222.8 106.0 318.0





#70
Styrene
Concen: 55.132 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

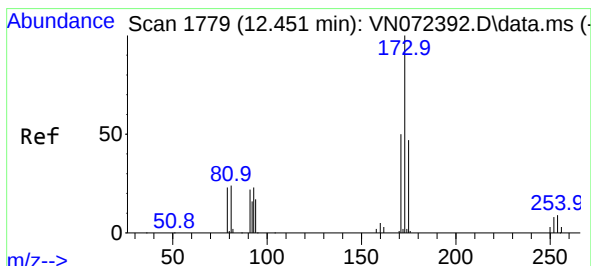
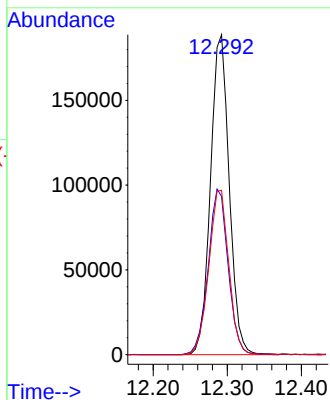
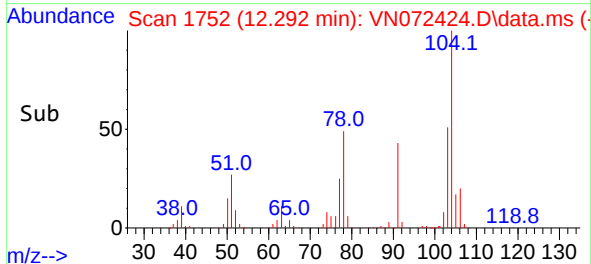
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



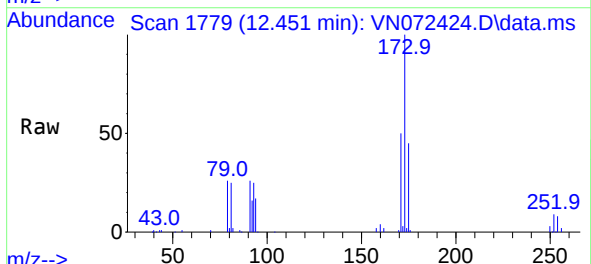
Tgt Ion:104 Resp: 331044
Ion Ratio Lower Upper
104 100
78 55.3 39.5 59.3
103 54.9 44.0 66.0

Manual Integrations
APPROVED

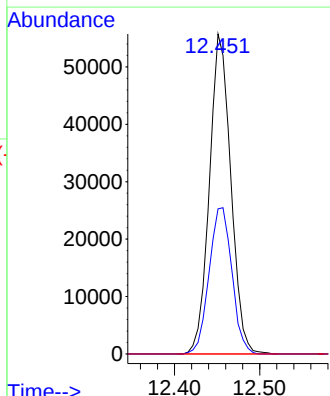
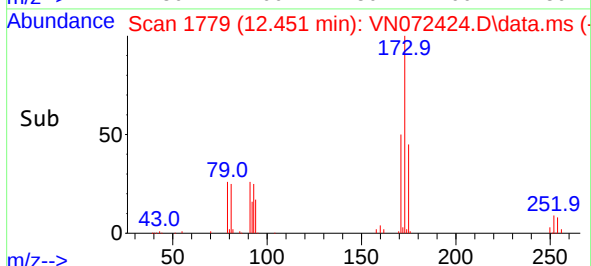
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

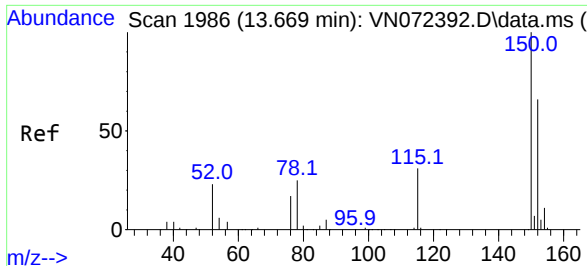


#71
Bromoform
Concen: 53.957 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



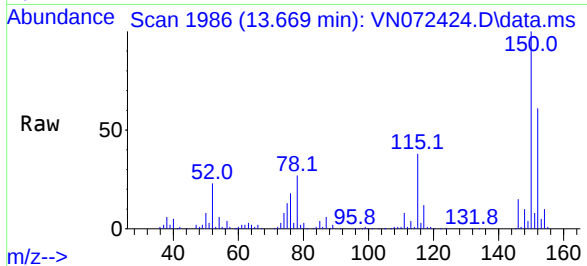
Tgt Ion:173 Resp: 97253
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

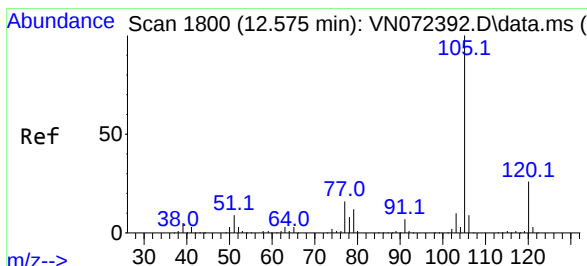
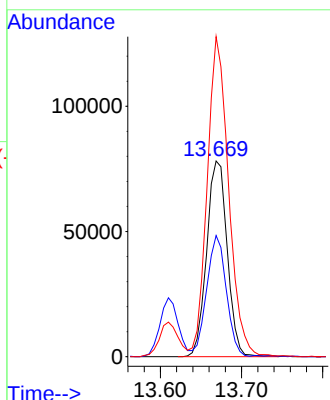
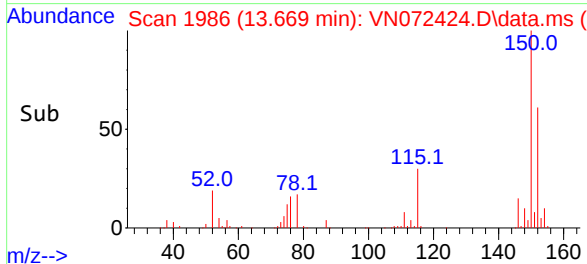
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



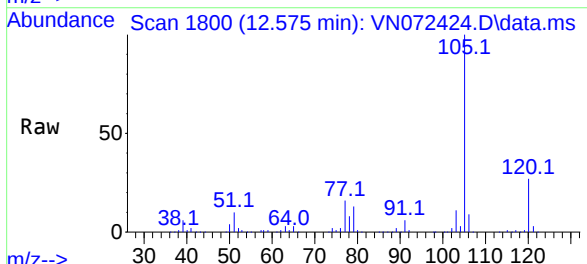
Tgt Ion:152 Resp: 137370
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.7
150 170.8 0.0 356.2

Manual Integrations
APPROVED

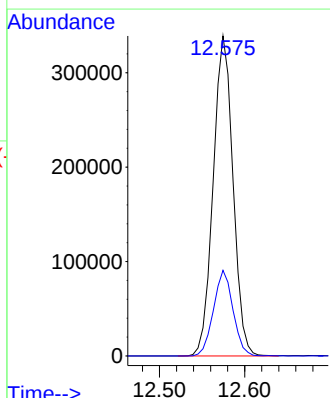
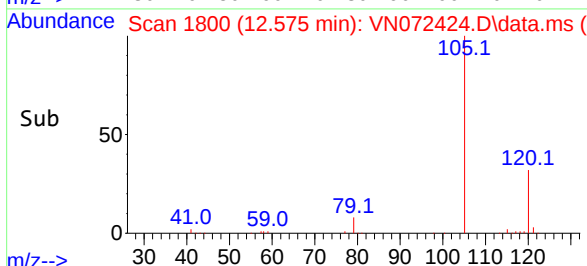
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

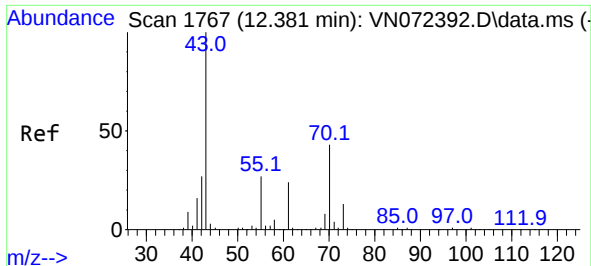


#73
Isopropylbenzene
Concen: 48.211 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



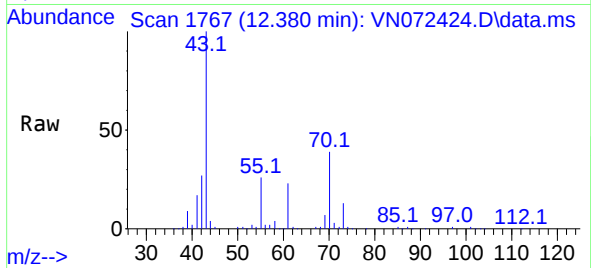
Tgt Ion:105 Resp: 548669
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4





#74
N-amy1 acetate
Concen: 45.513 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.001 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

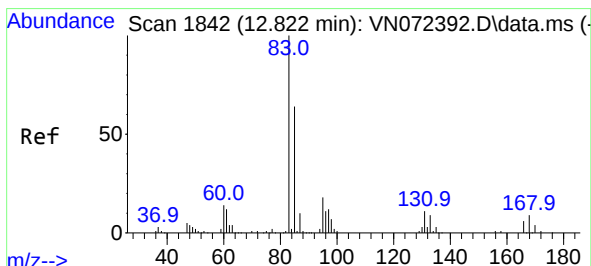
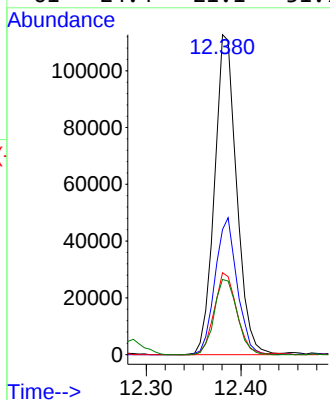
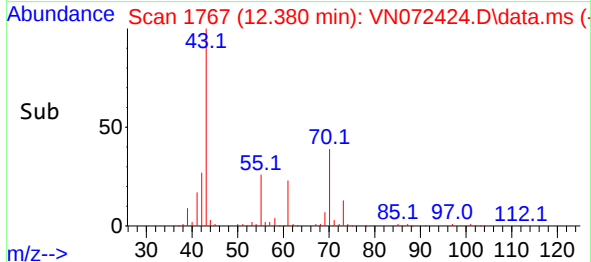
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



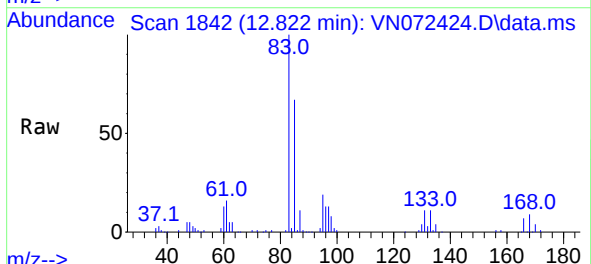
Tgt Ion: 43 Resp: 183084
Ion Ratio Lower Upper
43 100
70 42.7 39.0 58.4
55 26.0 21.1 31.7
61 24.4 21.1 31.7

Manual Integrations
APPROVED

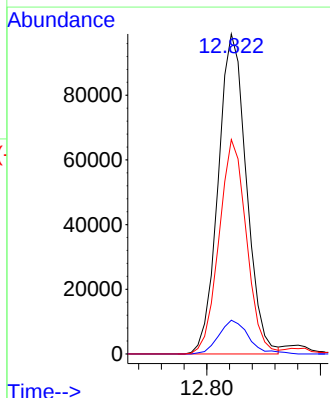
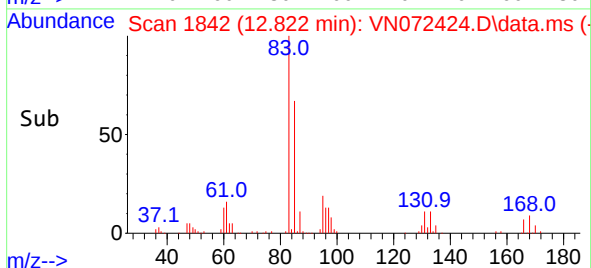
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

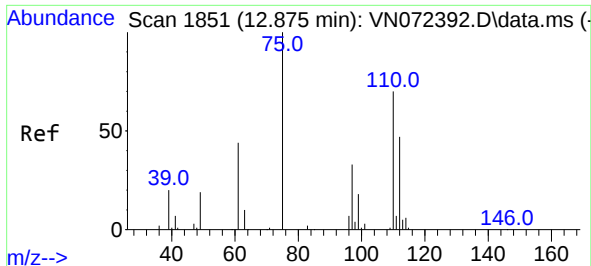


#75
1,1,2,2-Tetrachloroethane
Concen: 41.351 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



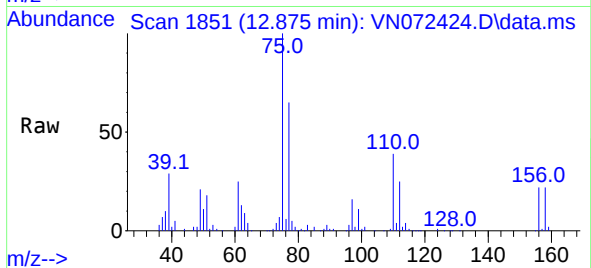
Tgt Ion: 83 Resp: 170846
Ion Ratio Lower Upper
83 100
131 11.1 5.3 15.9
85 65.1 32.3 96.9





#76
1,2,3-Trichloropropane
Concen: 44.389 ug/l m
RT: 12.875 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

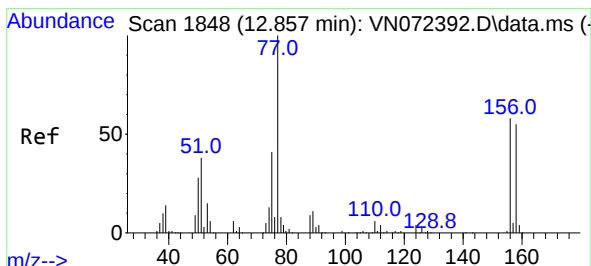
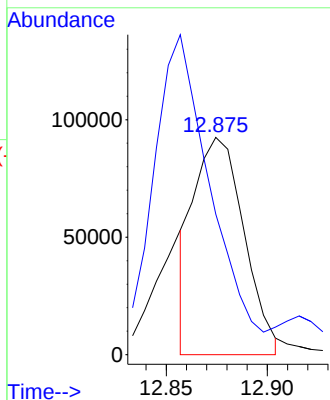
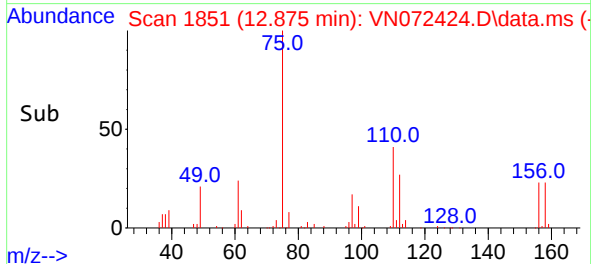
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



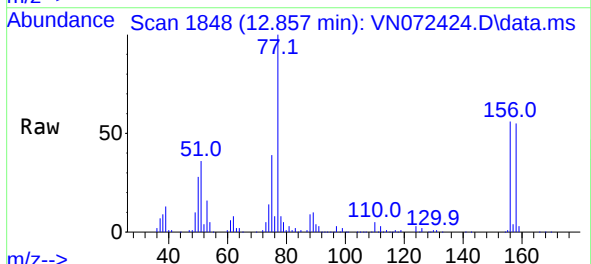
Tgt Ion: 75 Resp: 15904
Ion Ratio Lower Upper
75 100
77 169.9 98.5 295.5

Manual Integrations
APPROVED

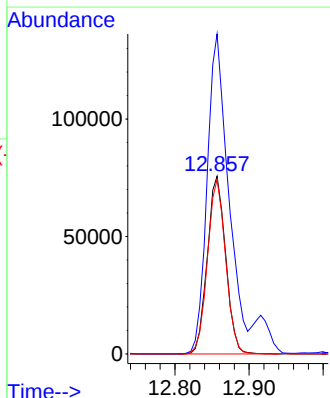
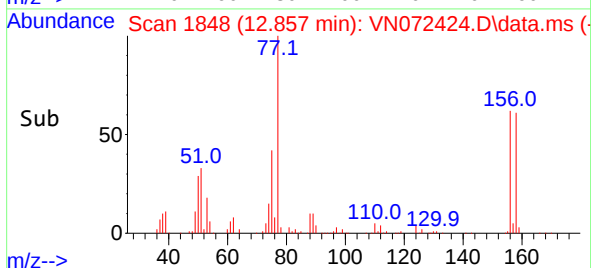
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

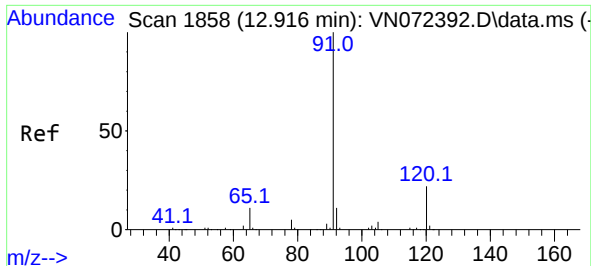


#77
Bromobenzene
Concen: 47.894 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



Tgt Ion:156 Resp: 130405
Ion Ratio Lower Upper
156 100
77 207.3 100.5 301.5
158 96.7 48.9 146.6





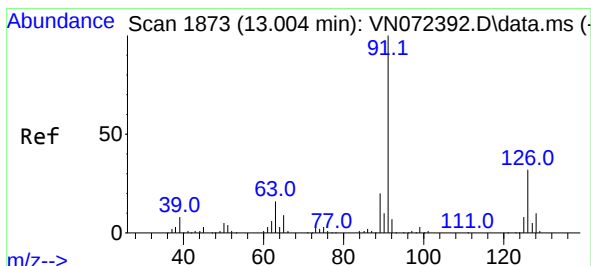
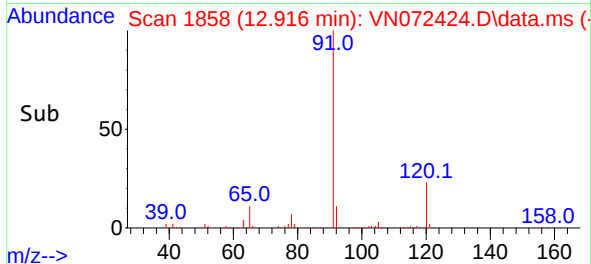
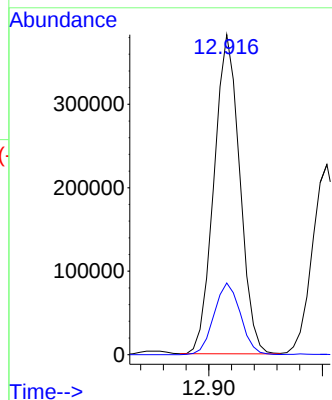
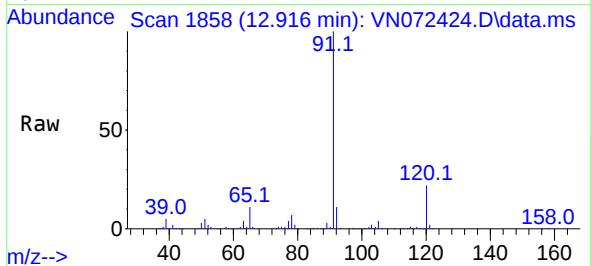
#78
n-propylbenzene
Concen: 49.549 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD

Tgt Ion: 91 Resp: 60340
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5

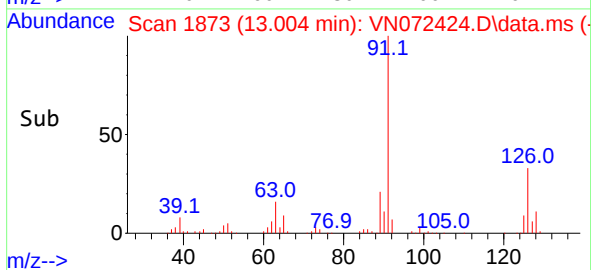
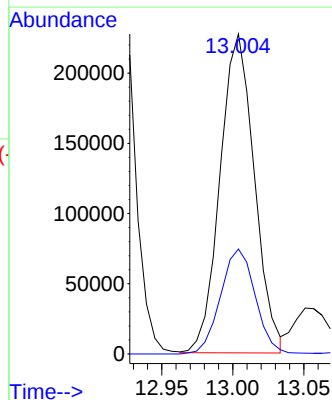
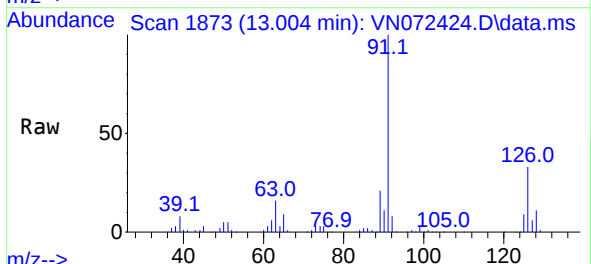
Manual Integrations
APPROVED

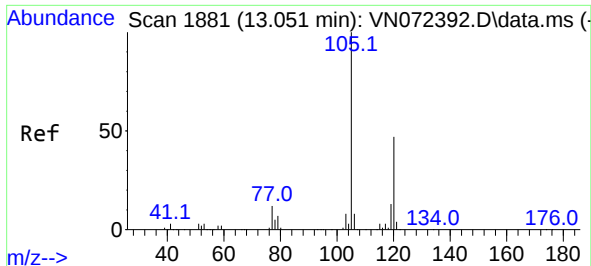
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#79
2-Chlorotoluene
Concen: 47.765 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Tgt Ion: 91 Resp: 382128
Ion Ratio Lower Upper
91 100
126 33.4 17.3 51.9





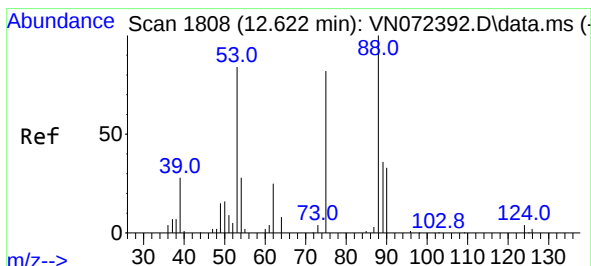
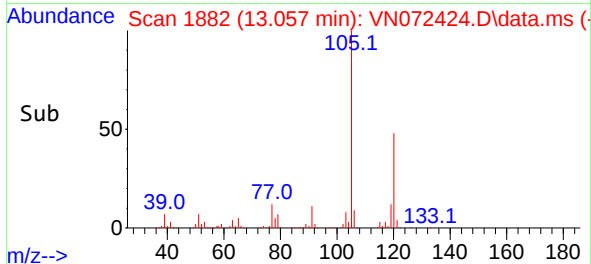
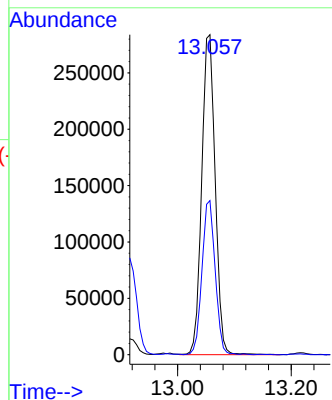
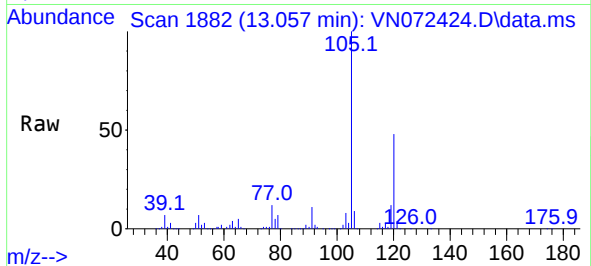
#80
1,3,5-Trimethylbenzene
Concen: 50.109 ug/l
RT: 13.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD

Tgt Ion:105 Resp: 46705
Ion Ratio Lower Upper
105 100
120 47.2 24.9 74.7

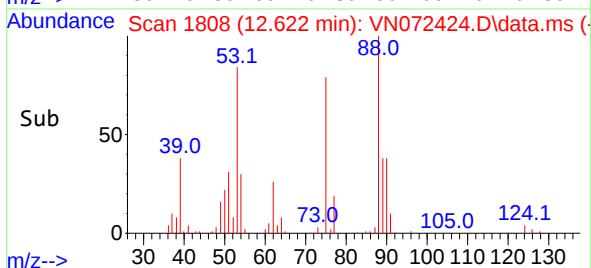
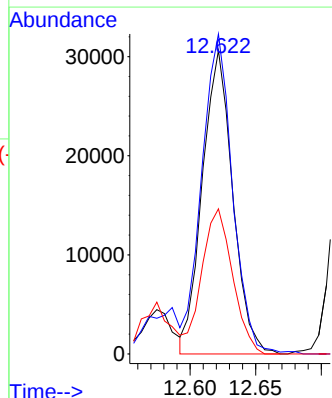
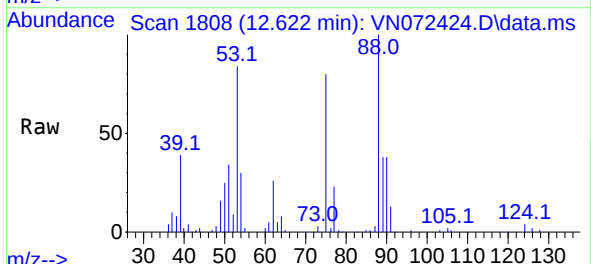
Manual Integrations
APPROVED

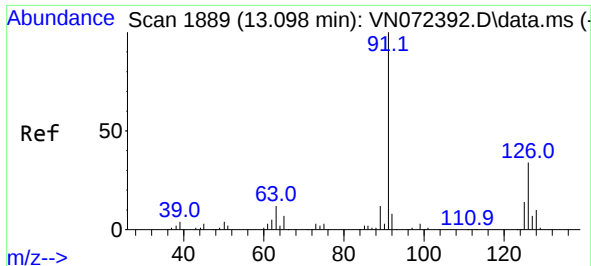
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#81
trans-1,4-Dichloro-2-butene
Concen: 45.927 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Tgt Ion: 75 Resp: 49327
Ion Ratio Lower Upper
75 100
53 123.1 78.0 117.0#
89 48.9 37.2 55.8





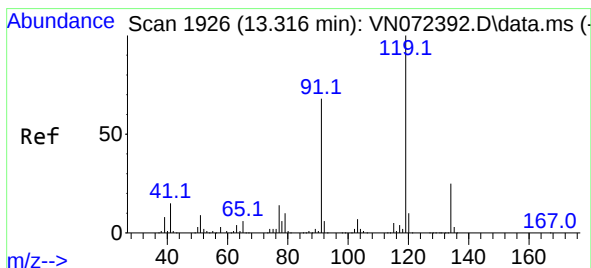
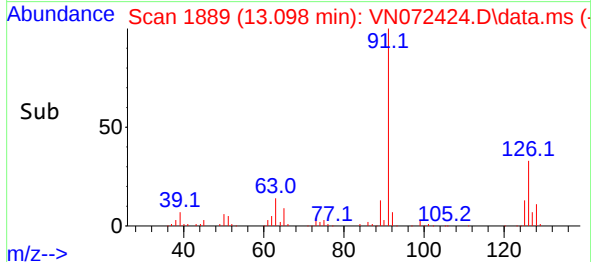
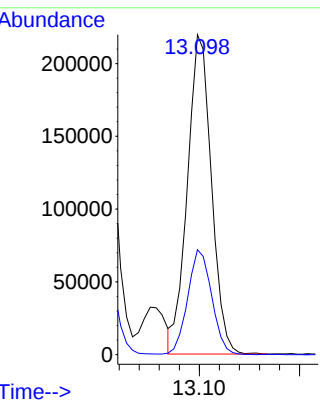
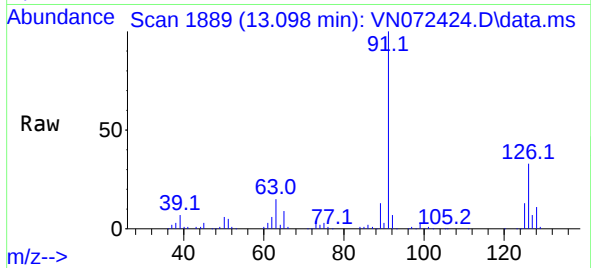
#82
4-Chlorotoluene
Concen: 48.189 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD

Tgt Ion: 91 Resp: 365360
Ion Ratio Lower Upper
91 100
126 33.0 17.2 51.6

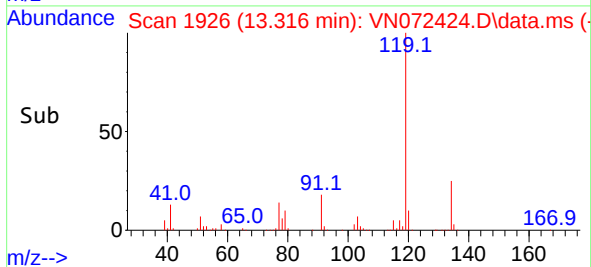
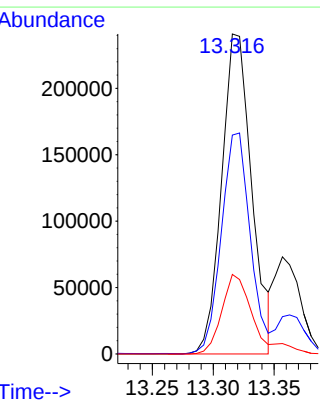
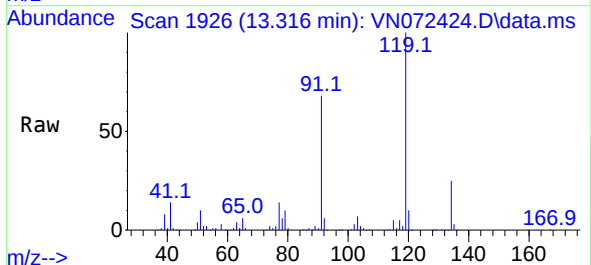
Manual Integrations
APPROVED

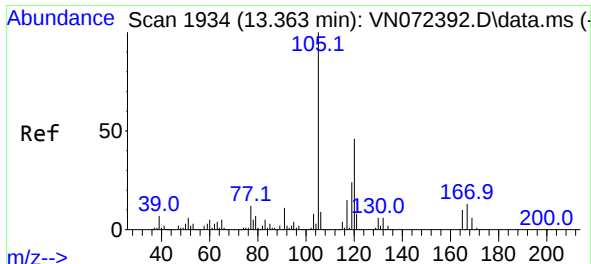
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#83
tert-Butylbenzene
Concen: 50.752 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

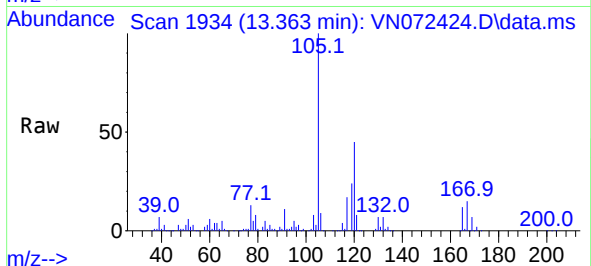
Tgt Ion:119 Resp: 414123
Ion Ratio Lower Upper
119 100
91 66.3 31.6 94.8
134 26.1 13.7 41.1





#84
1,2,4-Trimethylbenzene
Concen: 50.968 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

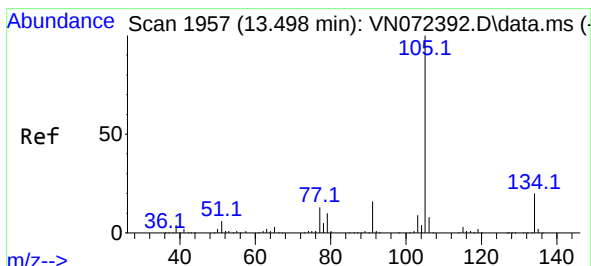
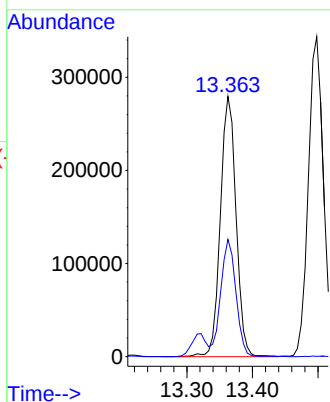
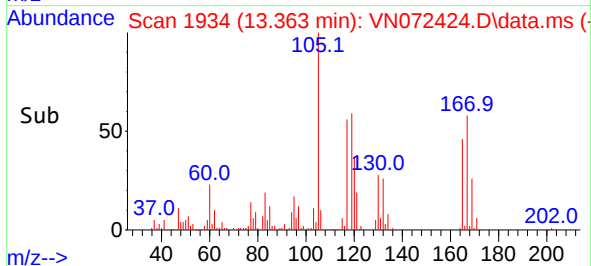
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



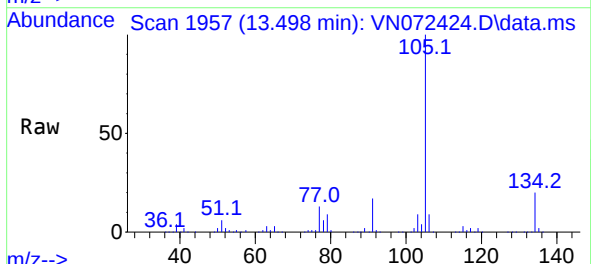
Tgt Ion:105 Resp: 46212
Ion Ratio Lower Upper
105 100
120 43.9 23.3 69.8

Manual Integrations
APPROVED

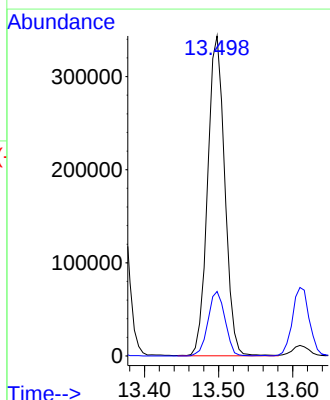
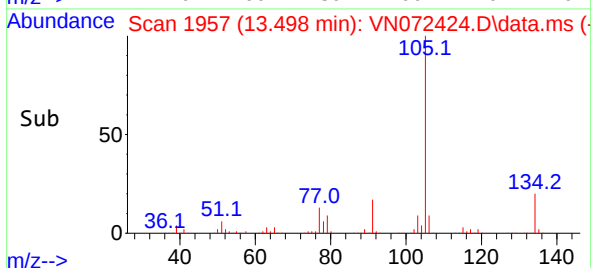
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

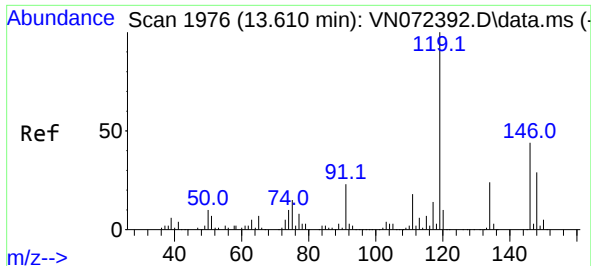


#85
sec-Butylbenzene
Concen: 50.582 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



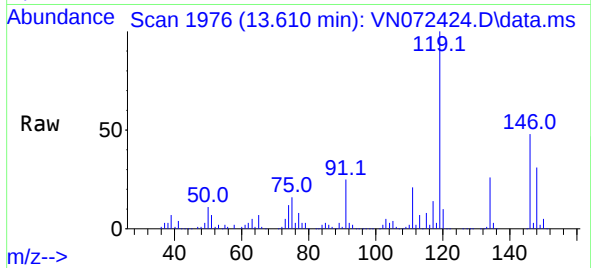
Tgt Ion:105 Resp: 550446
Ion Ratio Lower Upper
105 100
134 20.1 10.4 31.1





#86
p-Isopropyltoluene
Concen: 53.471 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

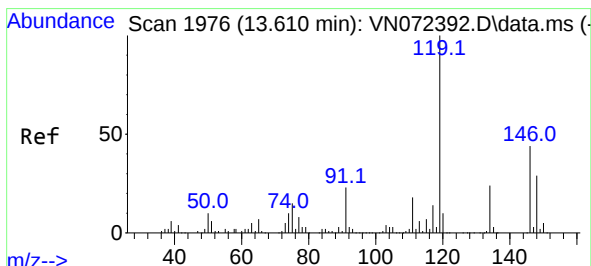
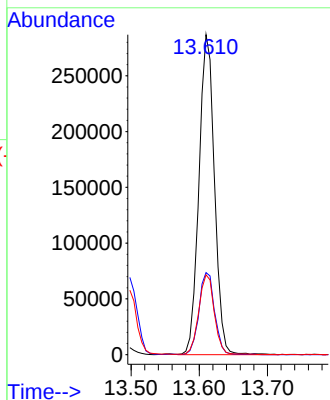
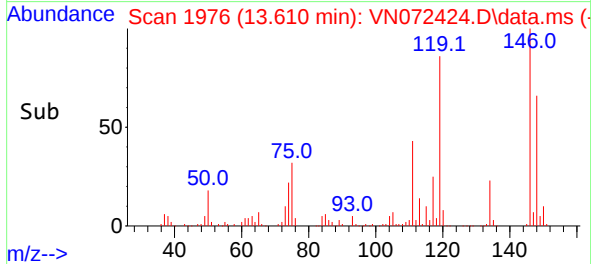
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



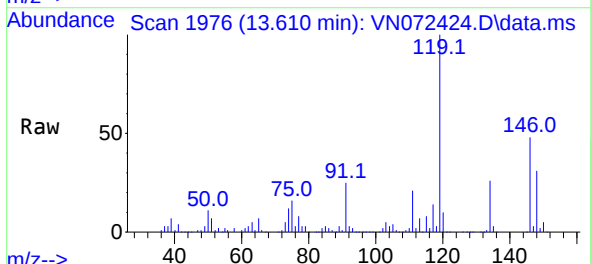
Tgt Ion:119 Resp: 453250
Ion Ratio Lower Upper
119 100
134 25.6 13.3 39.8
91 25.2 11.3 33.9

Manual Integrations
APPROVED

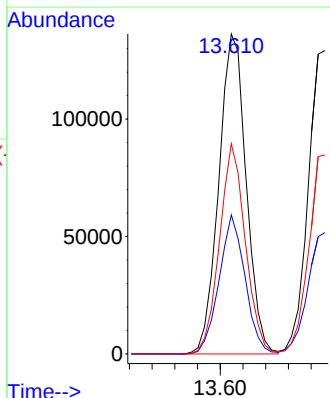
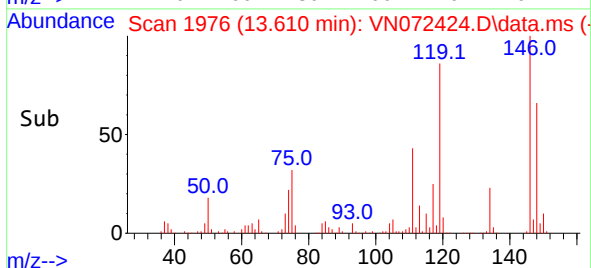
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

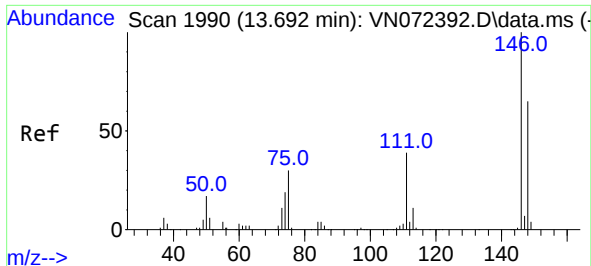


#87
1,3-Dichlorobenzene
Concen: 48.541 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



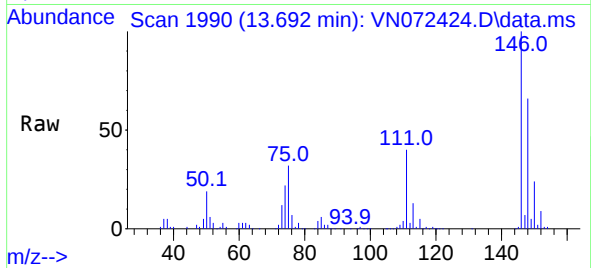
Tgt Ion:146 Resp: 227936
Ion Ratio Lower Upper
146 100
111 41.2 20.0 60.0
148 62.1 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 47.278 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

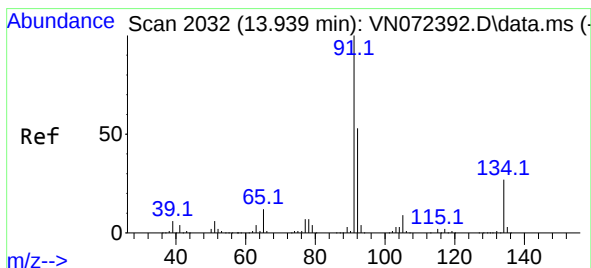
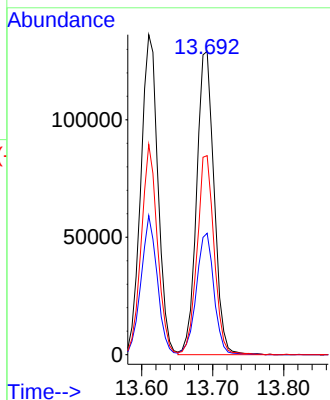
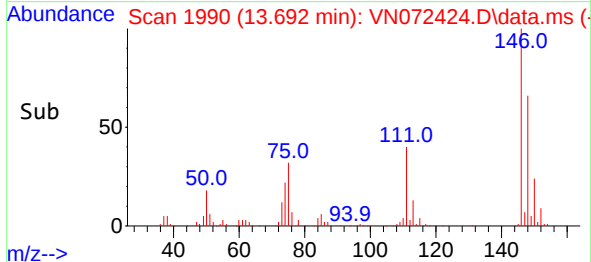
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



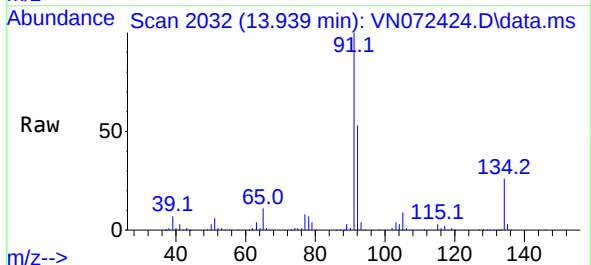
Tgt Ion:146 Resp: 220850
Ion Ratio Lower Upper
146 100
111 40.7 19.1 57.1
148 64.3 31.4 94.3

Manual Integrations
APPROVED

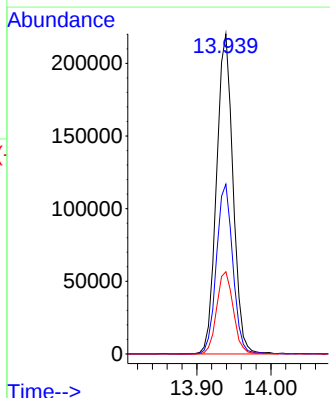
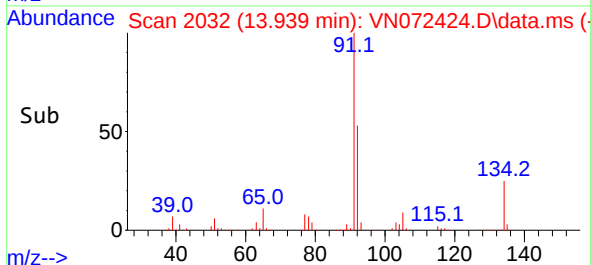
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

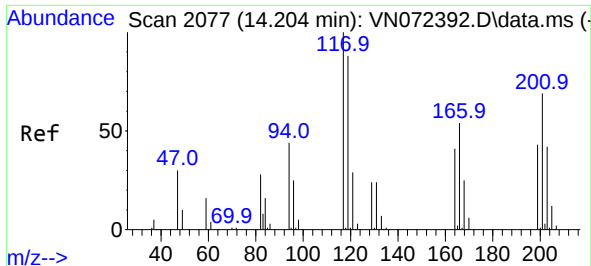


#89
n-Butylbenzene
Concen: 52.538 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



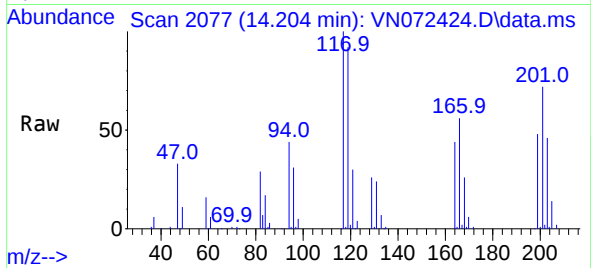
Tgt Ion: 91 Resp: 340425
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.7
134 26.0 13.6 40.8





#90
Hexachloroethane
Concen: 47.900 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

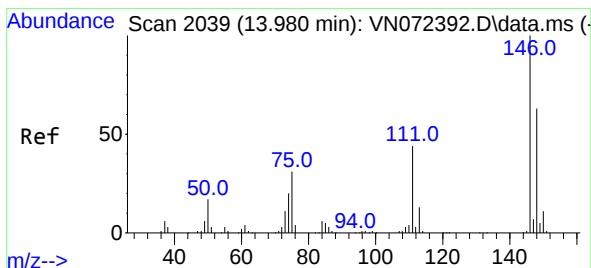
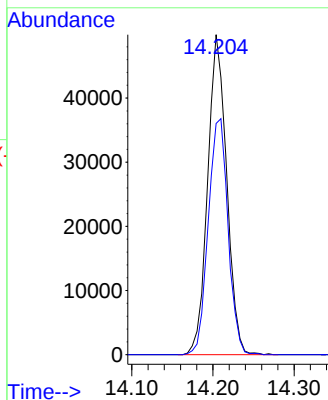
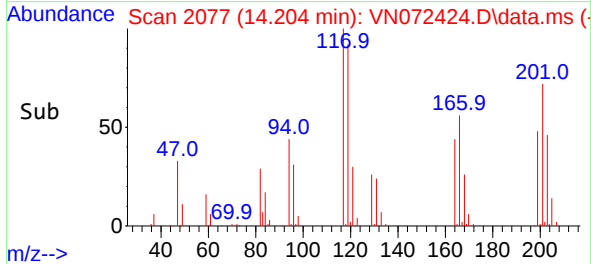
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



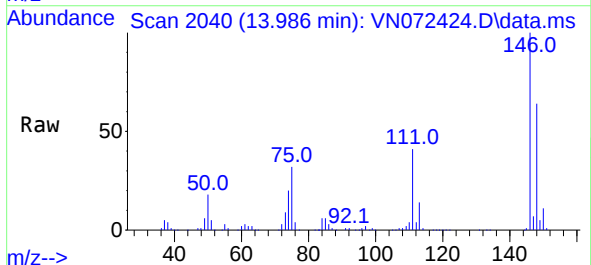
Tgt Ion:117 Resp: 81139
Ion Ratio Lower Upper
117 100
201 76.8 40.6 122.0

Manual Integrations
APPROVED

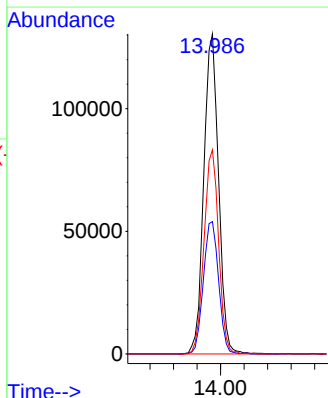
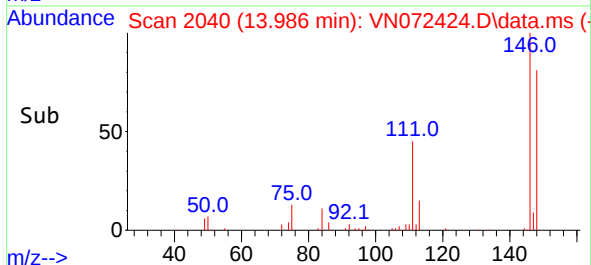
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

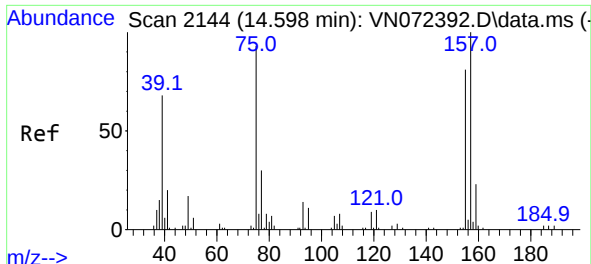


#91
1,2-Dichlorobenzene
Concen: 48.391 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



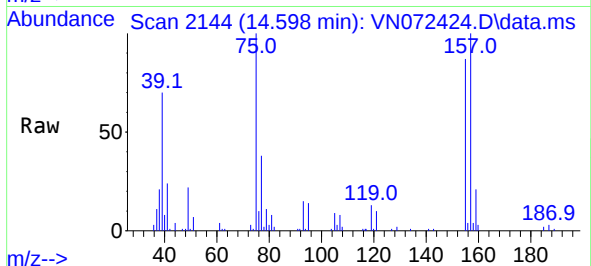
Tgt Ion:146 Resp: 226946
Ion Ratio Lower Upper
146 100
111 42.6 20.9 62.8
148 63.0 32.1 96.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 52.650 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

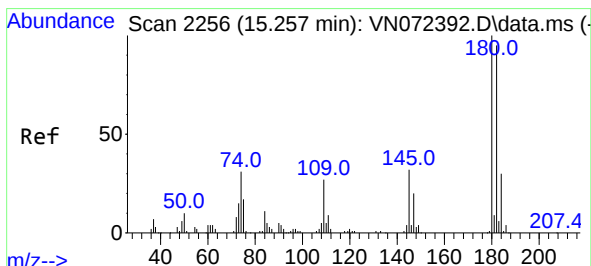
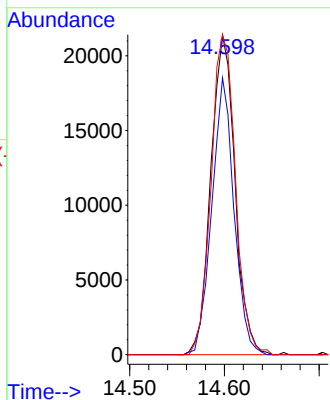
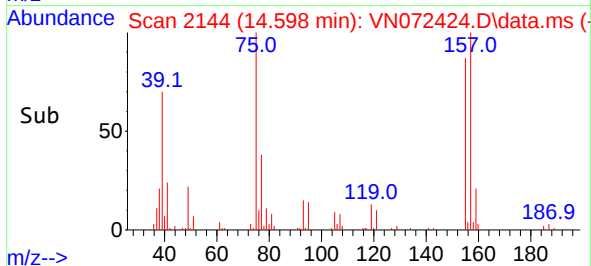
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD



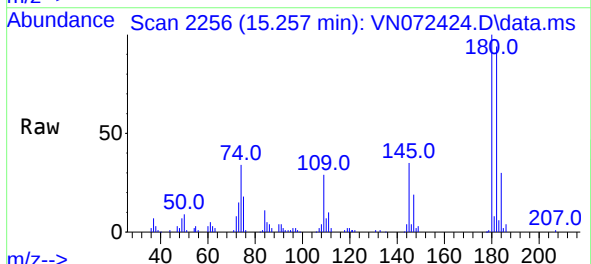
Tgt Ion: 75 Resp: 37820
Ion Ratio Lower Upper
75 100
155 79.9 44.9 134.5
157 101.5 59.0 176.8

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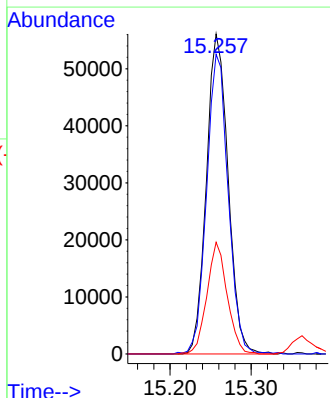
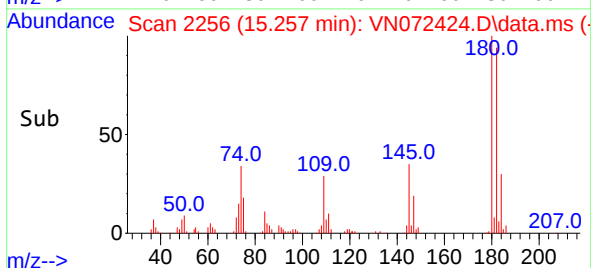
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

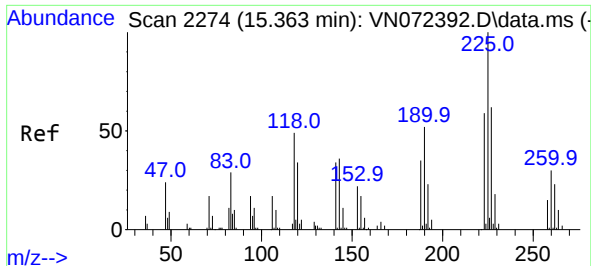


#93
1,2,4-Trichlorobenzene
Concen: 58.657 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04



Tgt Ion:180 Resp: 104206
Ion Ratio Lower Upper
180 100
182 93.1 47.5 142.5
145 32.6 14.5 43.5





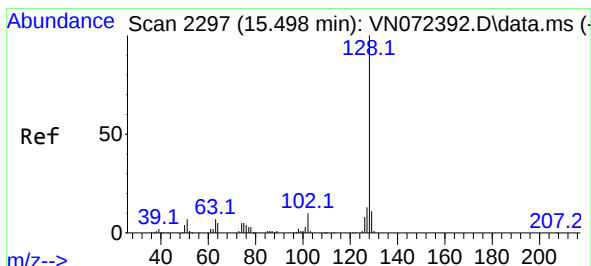
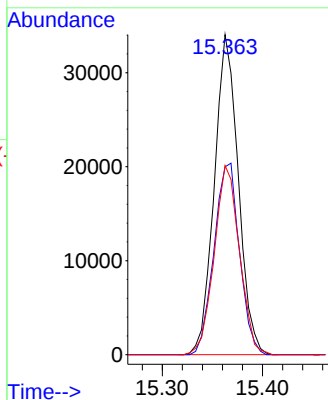
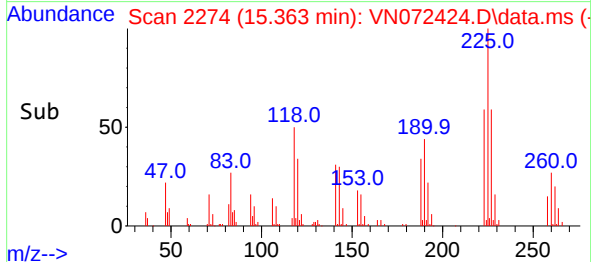
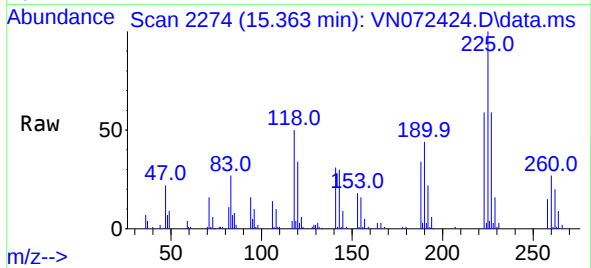
#94
Hexachlorobutadiene
Concen: 48.097 ug/l
RT: 15.363 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509MSD

Tgt Ion:225 Resp: 56579
Ion Ratio Lower Upper
225 100
223 63.5 32.4 97.2
227 62.1 31.8 95.4

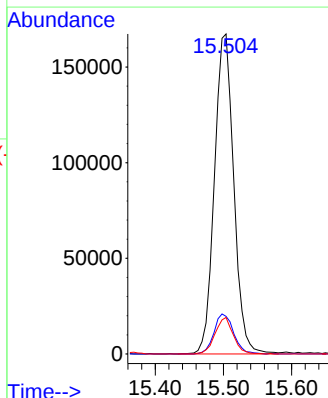
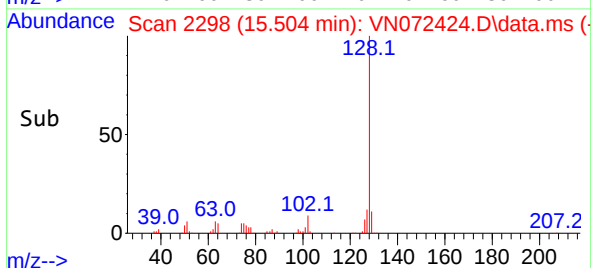
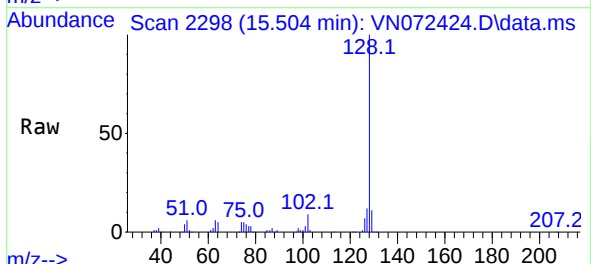
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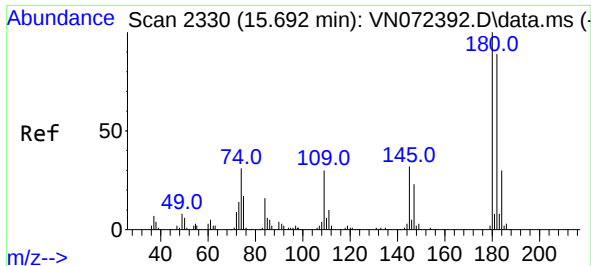
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#95
Naphthalene
Concen: 50.300 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072424.D
Acq: 11 May 2022 18:04

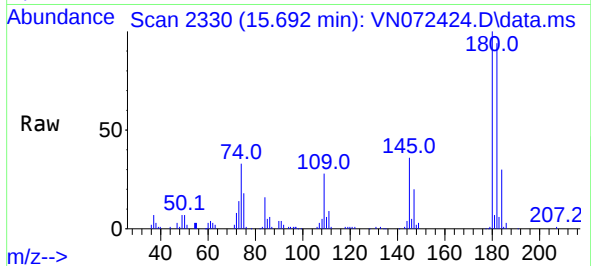
Tgt Ion:128 Resp: 330390
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 59.646 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072424.D
 Acq: 11 May 2022 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20220509MSD



Tgt Ion:180 Resp: 106189
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.8 143.3
 145 34.6 15.5 46.5

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

