

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072468.D
 Acq On : 12 May 2022 21:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 13 02:51:00 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 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	206600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	331109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	310705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	144147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	157946	49.913	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.820%		
35) Dibromofluoromethane	8.016	113	110943	50.363	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.720%		
50) Toluene-d8	10.439	98	414474	49.403	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.800%		
62) 4-Bromofluorobenzene	12.727	95	150368	53.968	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	126083	48.933	ug/l	99
3) Chloromethane	2.299	50	104624	43.206	ug/l	95
4) Vinyl Chloride	2.440	62	91518	41.714	ug/l	97
5) Bromomethane	2.822	94	59692	45.698	ug/l	97
6) Chloroethane	2.993	64	58747	51.145	ug/l	98
7) Trichlorofluoromethane	3.363	101	200077	49.203	ug/l	98
8) Diethyl Ether	3.822	74	66096	45.057	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	98715	44.490	ug/l	95
10) Methyl Iodide	4.422	142	136611	46.446	ug/l #	87
11) Tert butyl alcohol	5.375	59	139867	270.314	ug/l	99
12) 1,1-Dichloroethene	4.175	96	92136	44.317	ug/l	94
13) Acrolein	4.040	56	104634	206.687	ug/l	100
14) Allyl chloride	4.840	41	169715	43.844	ug/l	93
15) Acrylonitrile	5.551	53	330188	234.838	ug/l	99
16) Acetone	4.287	43	307307	245.215	ug/l	91
17) Carbon Disulfide	4.528	76	224716	41.677	ug/l	98
18) Methyl Acetate	4.851	43	170007	46.075	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	385636	51.328	ug/l	99
20) Methylene Chloride	5.093	84	111685	43.464	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	98812	45.429	ug/l	89
22) Diisopropyl ether	6.493	45	353611	44.956	ug/l	98
23) Vinyl Acetate	6.428	43	1566099	237.956	ug/l	96
24) 1,1-Dichloroethane	6.381	63	201674	45.436	ug/l	99
25) 2-Butanone	7.328	43	466978	236.100	ug/l	93
26) 2,2-Dichloropropane	7.322	77	161050	43.177	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	121531	46.476	ug/l	95
28) Bromochloromethane	7.657	49	84629	44.904	ug/l	93
29) Tetrahydrofuran	7.681	42	304160	236.618	ug/l	94
30) Chloroform	7.816	83	224181	49.645	ug/l	97
31) Cyclohexane	8.092	56	173829	41.456	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	210129	50.734	ug/l	96
36) 1,1-Dichloropropene	8.216	75	152198	48.104	ug/l	97
37) Ethyl Acetate	7.410	43	184546	48.615	ug/l	98
38) Carbon Tetrachloride	8.204	117	187499	52.950	ug/l	98
39) Methylcyclohexane	9.457	83	176413	49.612	ug/l	95
40) Benzene	8.457	78	440929	46.651	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	96103	51.128	ug/l	89
42) 1,2-Dichloroethane	8.528	62	198940	52.368	ug/l	96
43) Isopropyl Acetate	8.557	43	355638	60.994	ug/l #	88
44) Trichloroethene	9.216	130	114888	47.883	ug/l	96
45) 1,2-Dichloropropane	9.486	63	114042	47.246	ug/l	99
46) Dibromomethane	9.575	93	83997	49.978	ug/l	96
47) Bromodichloromethane	9.757	83	177609	51.836	ug/l	97
48) Methyl methacrylate	9.557	41	137039	50.375	ug/l	90
49) 1,4-Dioxane	9.563	88	54778	1180.422	ug/l #	93
51) 4-Methyl-2-Pentanone	10.328	43	934378	258.073	ug/l	94
52) Toluene	10.504	92	288932	49.576	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	187356	53.719	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	192640	51.770	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	119610	49.265	ug/l	99
56) Ethyl methacrylate	10.757	69	195293	56.124	ug/l #	88
57) 1,3-Dichloropropane	11.039	76	205537	49.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	293535	307.751	ug/l	98
59) 2-Hexanone	11.080	43	698642	275.197	ug/l	92
60) Dibromochloromethane	11.233	129	141358	54.809	ug/l	100
61) 1,2-Dibromoethane	11.339	107	128192	52.980	ug/l	99
64) Tetrachloroethene	10.975	164	102195	45.695	ug/l	97
65) Chlorobenzene	11.769	112	311433	49.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	128993	50.769	ug/l	97
67) Ethyl Benzene	11.839	91	575520	52.546	ug/l	98
68) m/p-Xylenes	11.951	106	437917	105.421	ug/l	91
69) o-Xylene	12.275	106	220139	53.937	ug/l	95
70) Styrene	12.292	104	352822	56.507	ug/l	96
71) Bromoform	12.451	173	106374	56.756	ug/l #	99
73) Isopropylbenzene	12.575	105	583005	48.822	ug/l	98
74) N-amyl acetate	12.380	43	210346	49.834	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	181591	41.887	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	169208m	45.006	ug/l	
77) Bromobenzene	12.857	156	136211	47.677	ug/l	98
78) n-propylbenzene	12.916	91	627929	49.141	ug/l	98
79) 2-Chlorotoluene	13.004	91	402924	47.998	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	492321	50.339	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	51636	45.818	ug/l	90
82) 4-Chlorotoluene	13.098	91	384721	48.359	ug/l	96
83) tert-Butylbenzene	13.316	119	437945	51.151	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	488188	51.313	ug/l	95
85) sec-Butylbenzene	13.498	105	574653	50.326	ug/l	98
86) p-Isopropyltoluene	13.610	119	479410	53.900	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	238747	48.455	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	231912	47.313	ug/l	98
89) n-Butylbenzene	13.939	91	350896	51.610	ug/l	99
90) Hexachloroethane	14.204	117	88415	49.744	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	237468	48.256	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	42160	55.926	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	108849	58.392	ug/l	97
94) Hexachlorobutadiene	15.363	225	60244	48.810	ug/l	100
95) Naphthalene	15.504	128	352349	51.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	111697	59.792	ug/l	97

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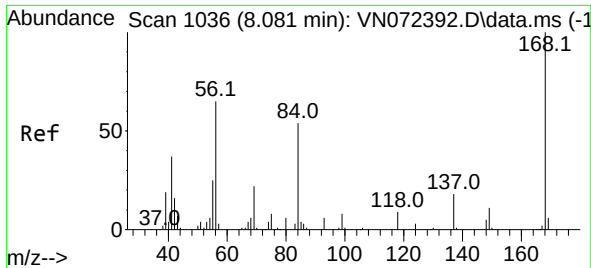
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/13/2022

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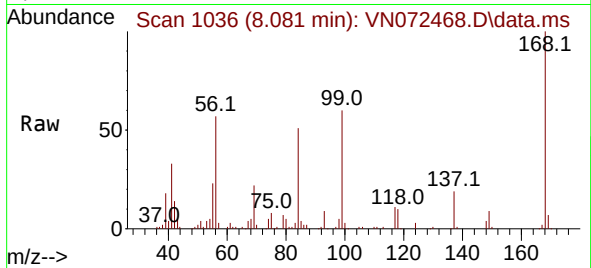
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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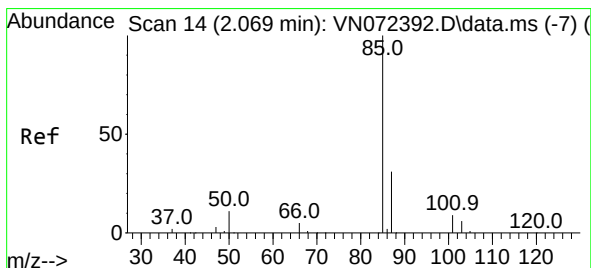
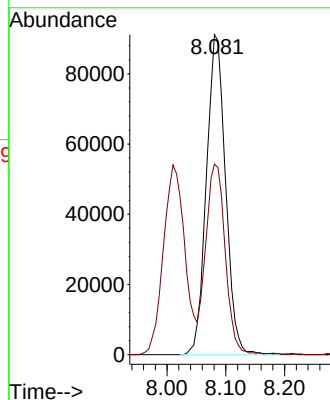
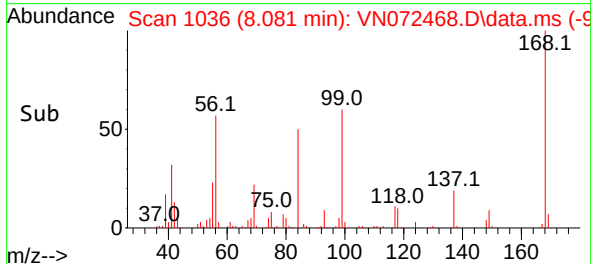
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 206600
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5

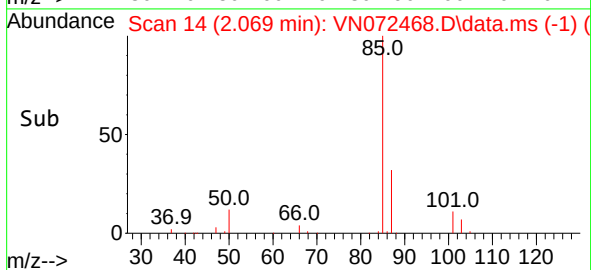
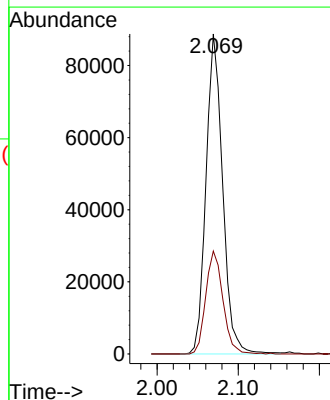
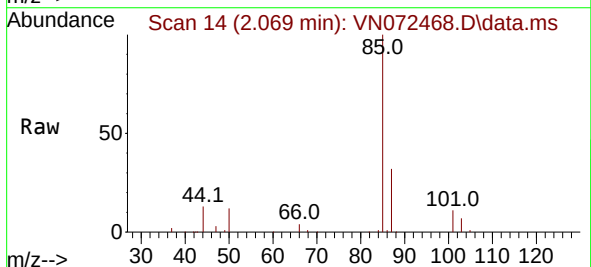
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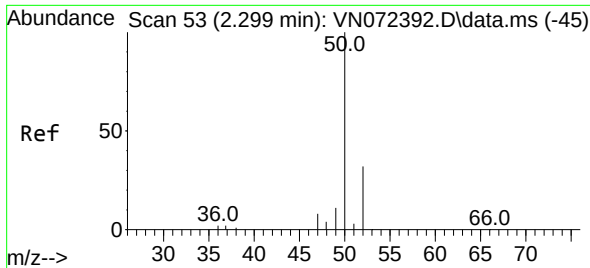
Reviewed By :John Carlone 05/13/2022
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#2
Dichlorodifluoromethane
Concen: 48.933 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

Tgt Ion: 85 Resp: 126083
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.1





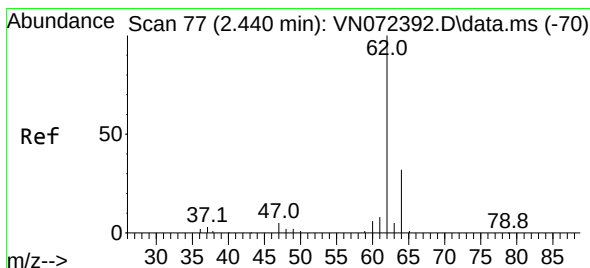
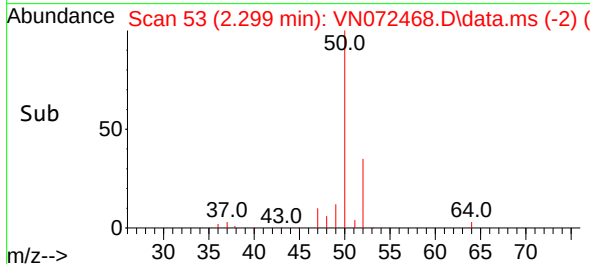
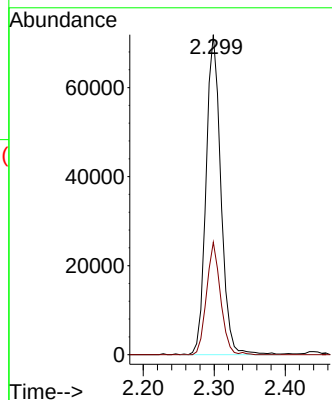
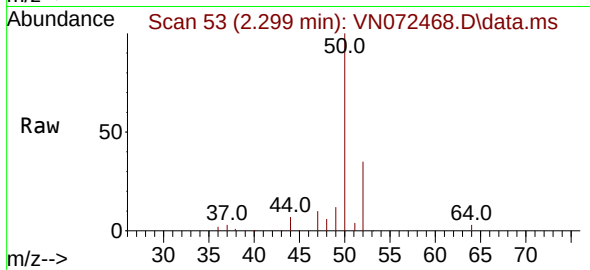
#3
Chloromethane
Concen: 43.206 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

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Tgt Ion: 50 Resp: 104624
Ion Ratio Lower Upper
50 100
52 35.1 25.7 38.5

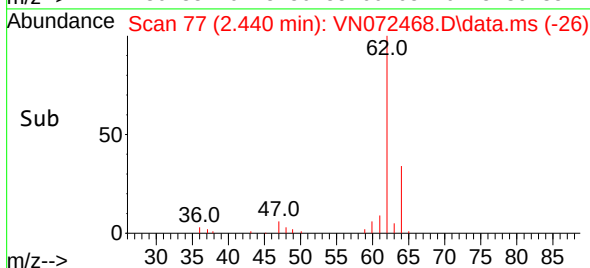
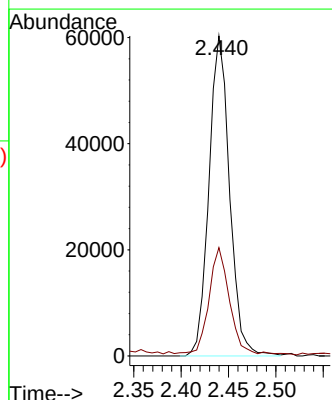
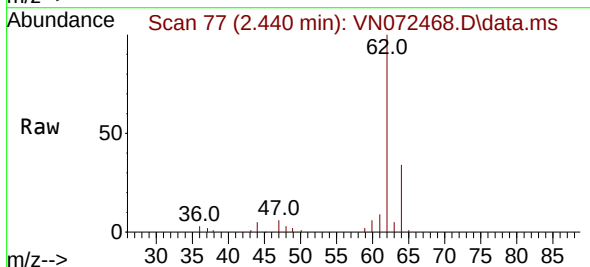
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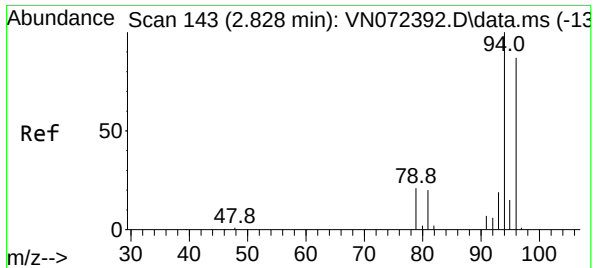
Reviewed By :John Carlone 05/13/2022
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#4
Vinyl Chloride
Concen: 41.714 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072468.D
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Tgt Ion: 62 Resp: 91518
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.4





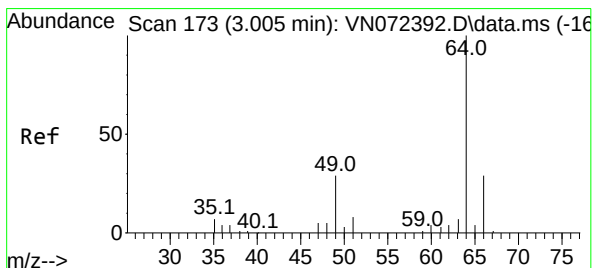
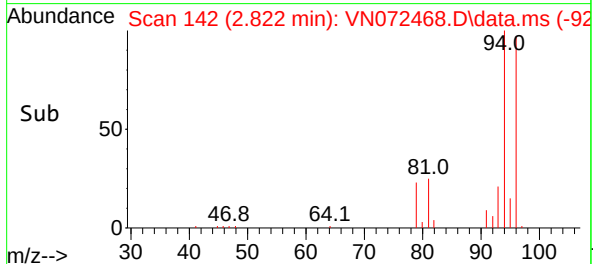
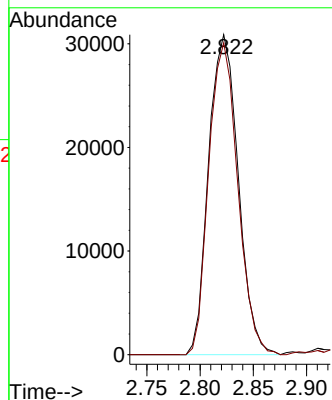
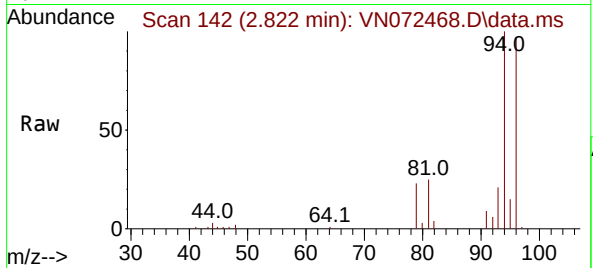
#5
Bromomethane
Concen: 45.698 ug/l
RT: 2.822 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072468.D
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Tgt Ion: 94 Resp: 59692
Ion Ratio Lower Upper
94 100
96 97.4 76.0 114.0

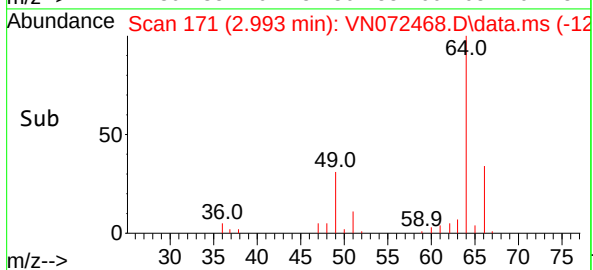
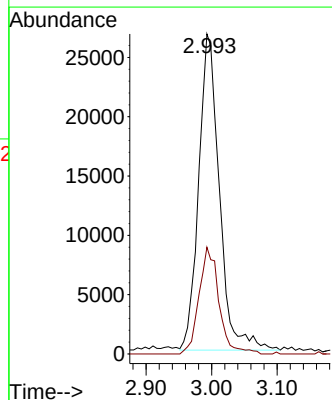
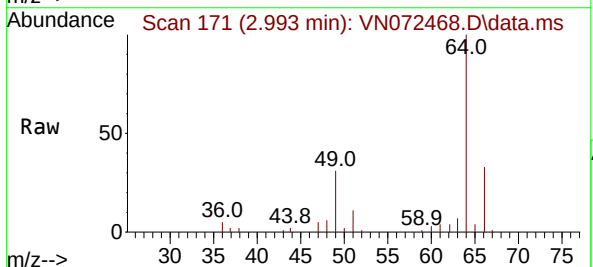
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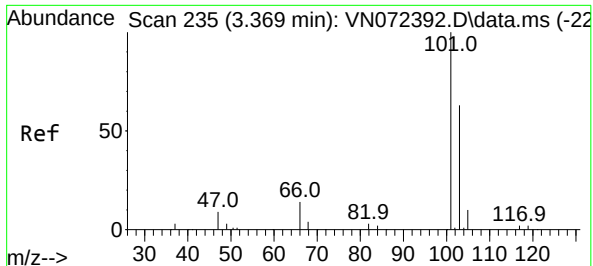
Reviewed By :John Carlone 05/13/2022
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#6
Chloroethane
Concen: 51.145 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.012 min
Lab File: VN072468.D
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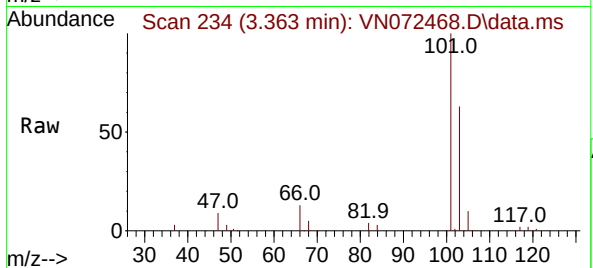
Tgt Ion: 64 Resp: 58747
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 49.203 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072468.D
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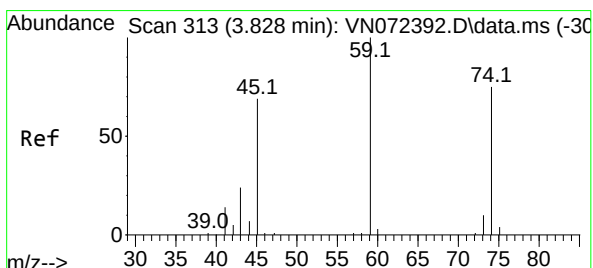
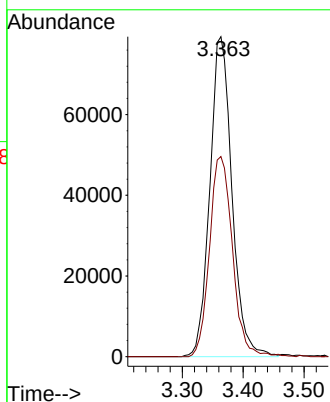
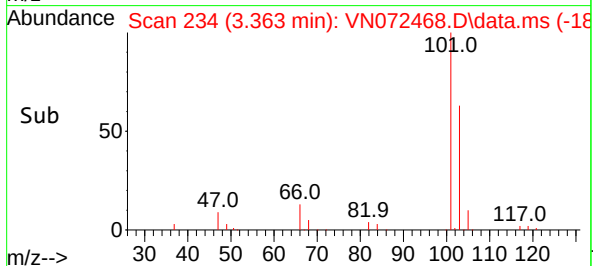
Instrument :
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VSTDCCC050EC



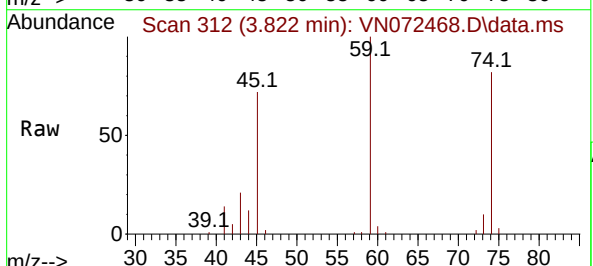
Tgt Ion:101 Resp: 20007
Ion Ratio Lower Upper
101 100
103 62.6 51.5 77.3

Manual Integrations
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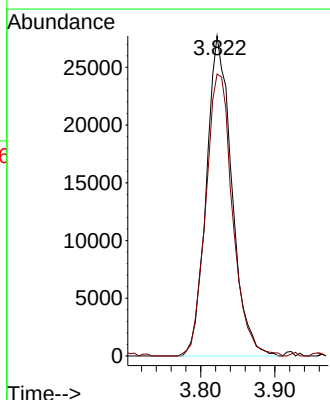
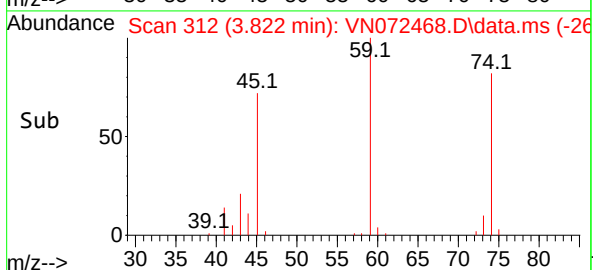
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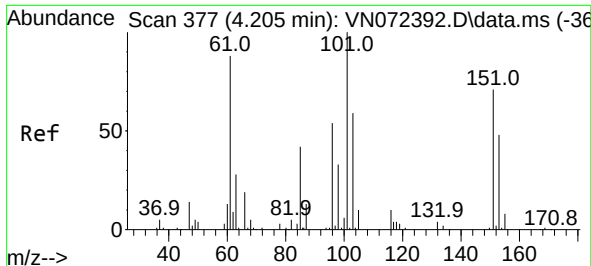


#8
Diethyl Ether
Concen: 45.057 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
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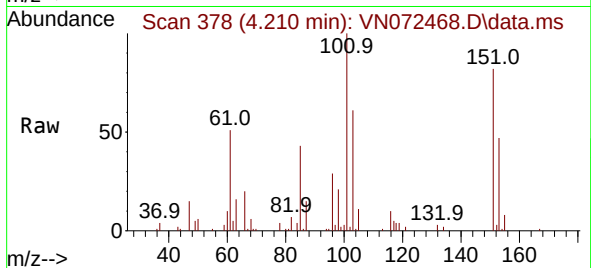
Tgt Ion: 74 Resp: 66096
Ion Ratio Lower Upper
74 100
45 92.9 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.490 ug/l
RT: 4.210 min Scan# 378
Delta R.T. 0.005 min
Lab File: VN072468.D
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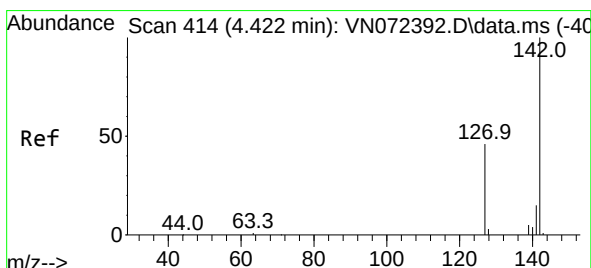
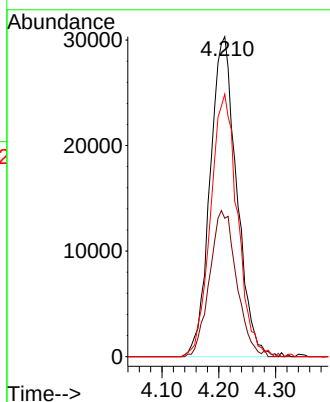
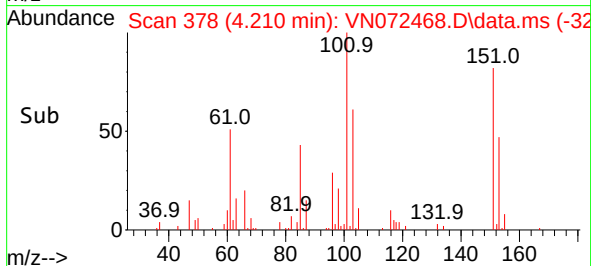
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



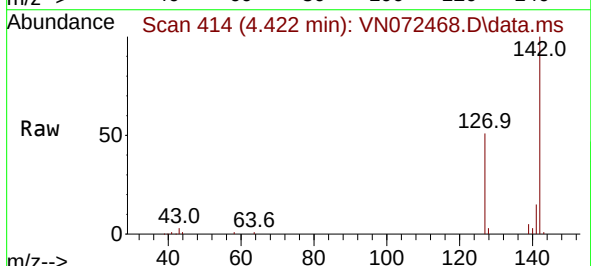
Tgt Ion:101 Resp: 98715
Ion Ratio Lower Upper
101 100
85 46.2 34.7 52.1
151 83.0 63.0 94.4

Manual Integrations
APPROVED

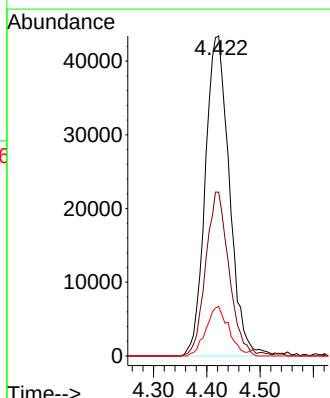
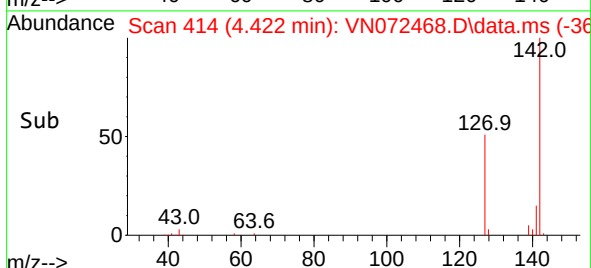
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

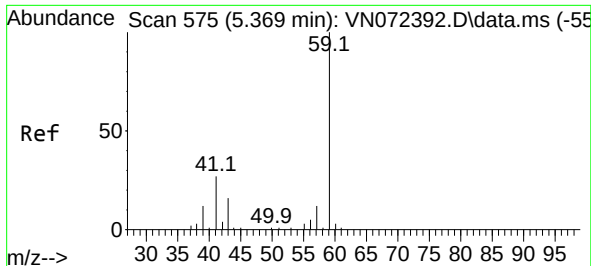


#10
Methyl Iodide
Concen: 46.446 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



Tgt Ion:142 Resp: 136611
Ion Ratio Lower Upper
142 100
127 49.8 31.3 46.9#
141 14.9 11.2 16.8





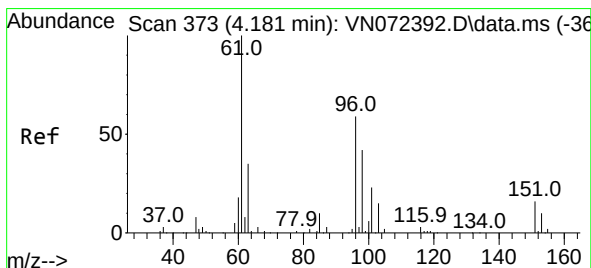
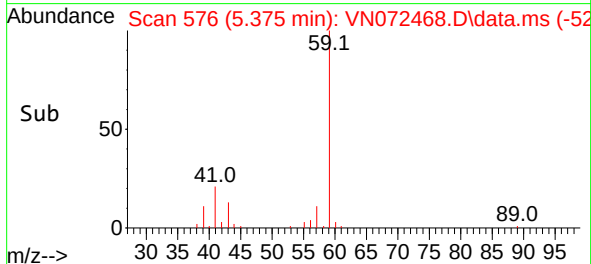
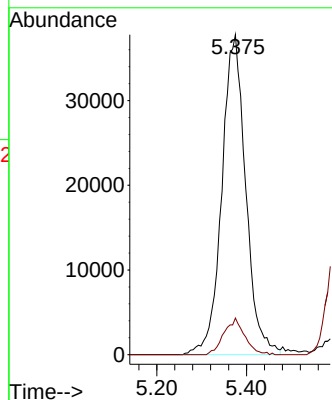
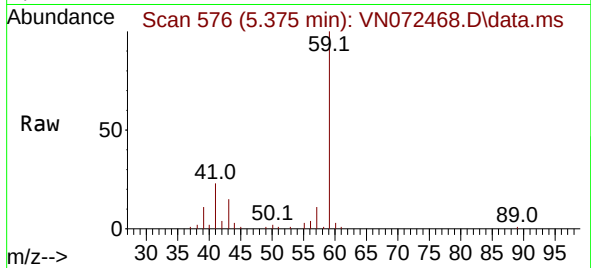
#11
Tert butyl alcohol
Concen: 270.314 ug/l
RT: 5.375 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 13986
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

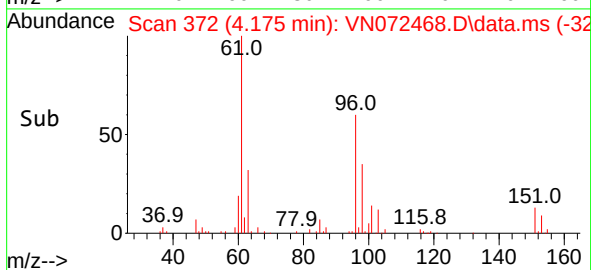
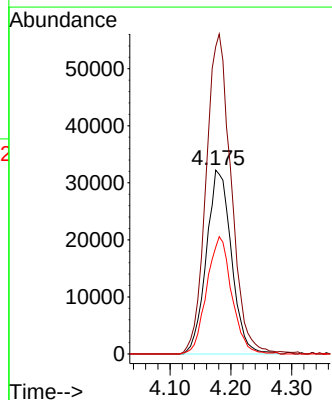
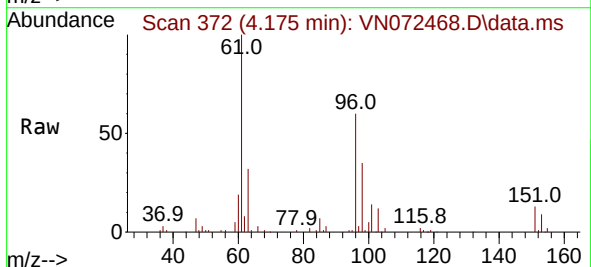
Manual Integrations
APPROVED

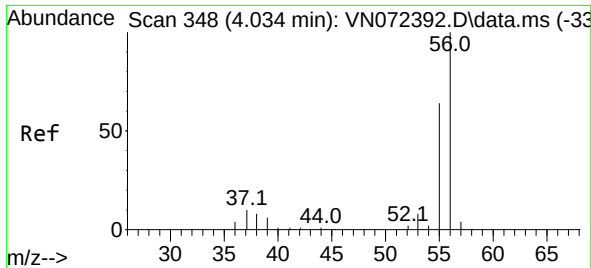
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#12
1,1-Dichloroethene
Concen: 44.317 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

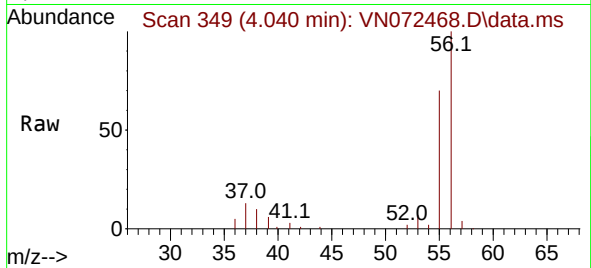
Tgt Ion: 96 Resp: 92136
Ion Ratio Lower Upper
96 100
61 167.1 127.6 191.4
98 58.1 51.2 76.8





#13
Acrolein
Concen: 206.687 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

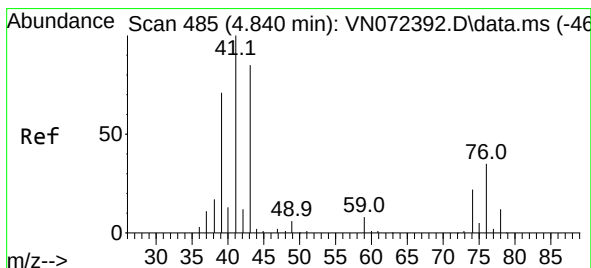
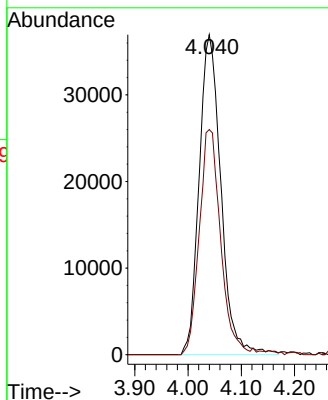
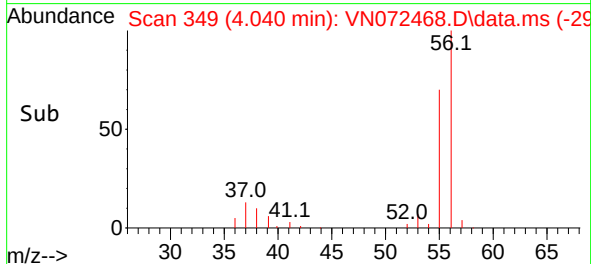
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



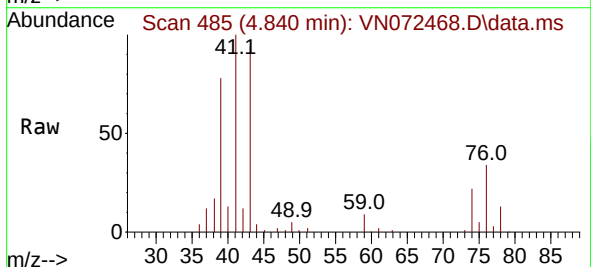
Tgt Ion: 56 Resp: 104634
Ion Ratio Lower Upper
56 100
55 68.8 54.8 82.2

Manual Integrations
APPROVED

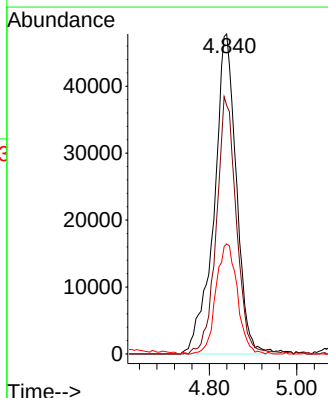
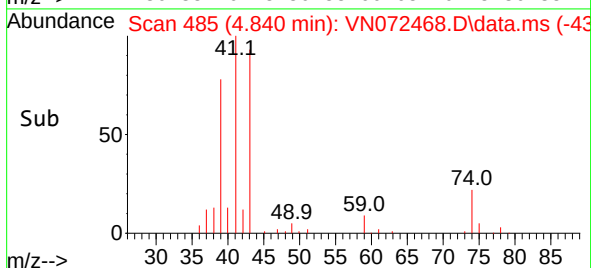
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

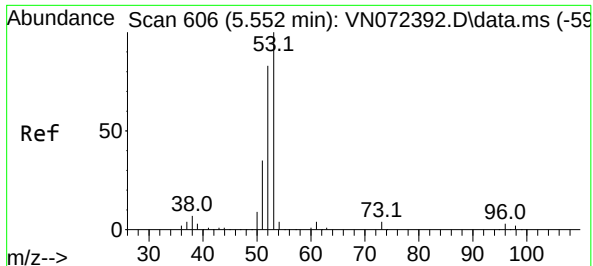


#14
Allyl chloride
Concen: 43.844 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



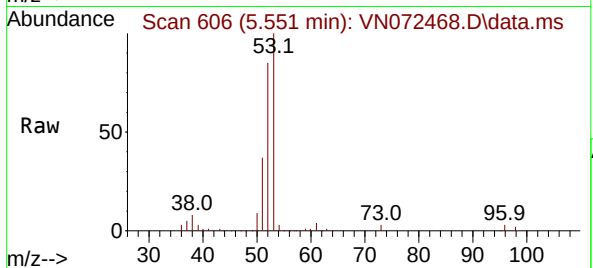
Tgt Ion: 41 Resp: 169715
Ion Ratio Lower Upper
41 100
39 71.7 53.2 79.8
76 32.7 29.9 44.9





#15
Acrylonitrile
Concen: 234.838 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.001 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

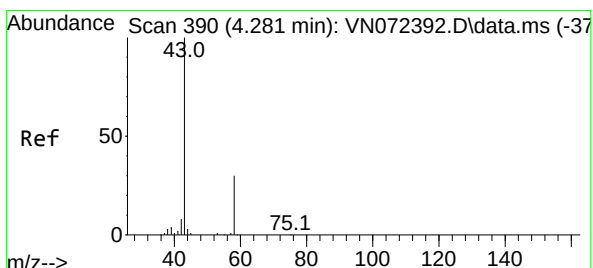
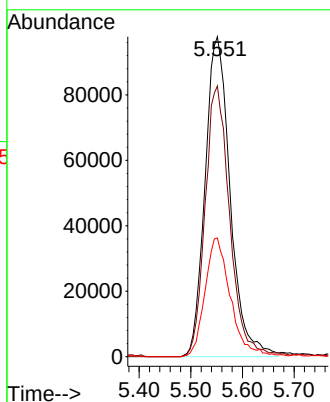
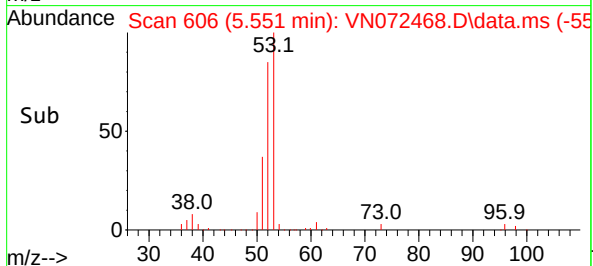
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 330188
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 37.7 28.5 42.7

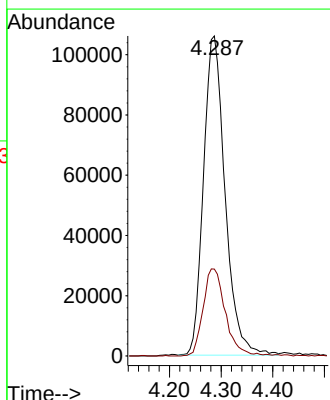
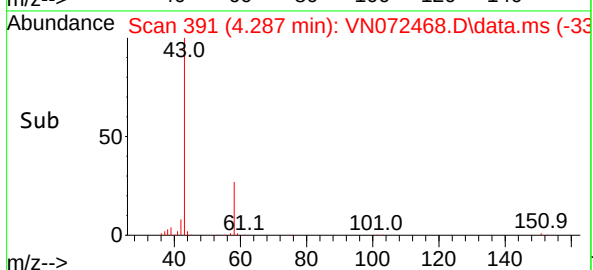
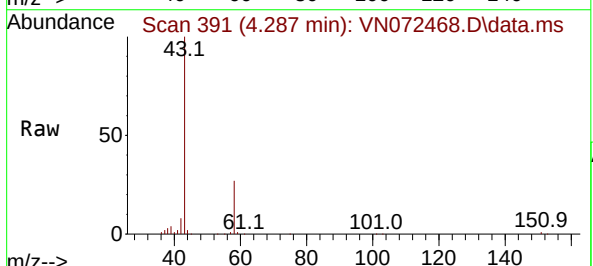
Manual Integrations
APPROVED

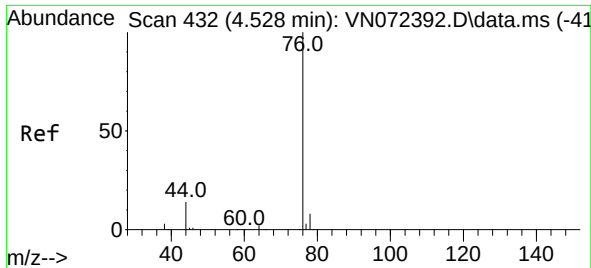
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 245.215 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

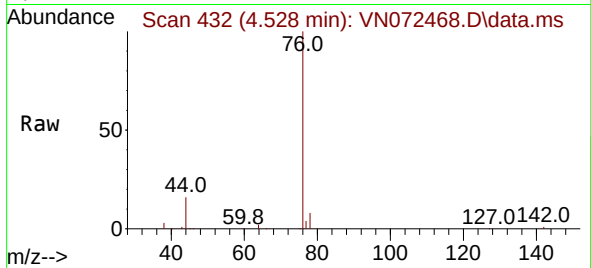
Tgt Ion: 43 Resp: 307307
Ion Ratio Lower Upper
43 100
58 27.2 26.0 39.0





#17
Carbon Disulfide
Concen: 41.677 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

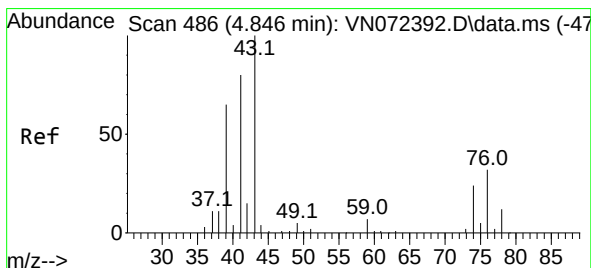
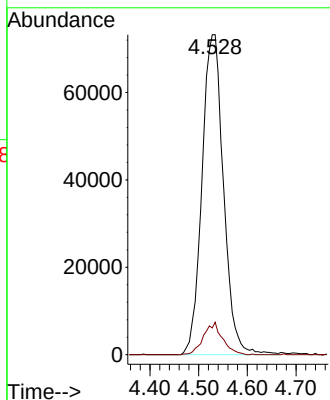
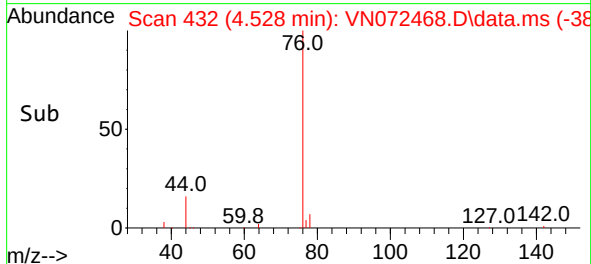
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



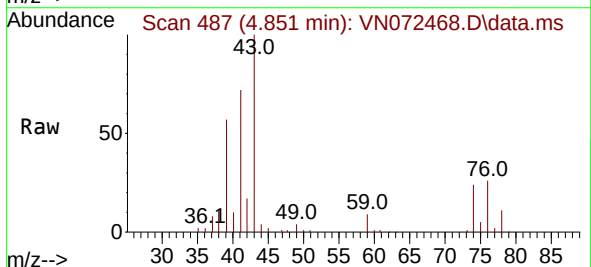
Tgt Ion: 76 Resp: 224710
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

Manual Integrations
APPROVED

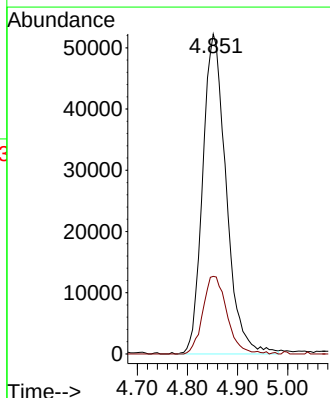
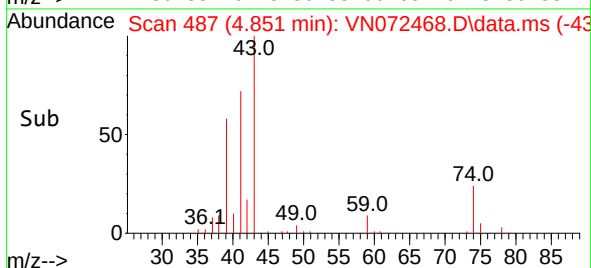
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

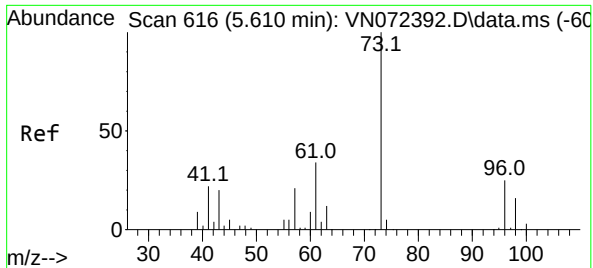


#18
Methyl Acetate
Concen: 46.075 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



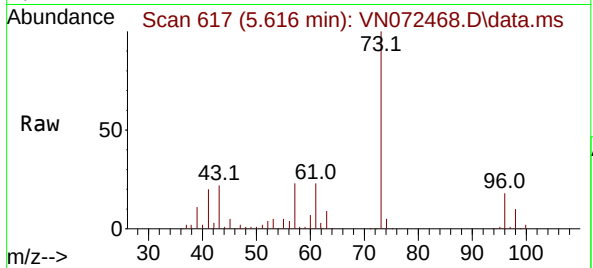
Tgt Ion: 43 Resp: 170007
Ion Ratio Lower Upper
43 100
74 25.0 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 51.328 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

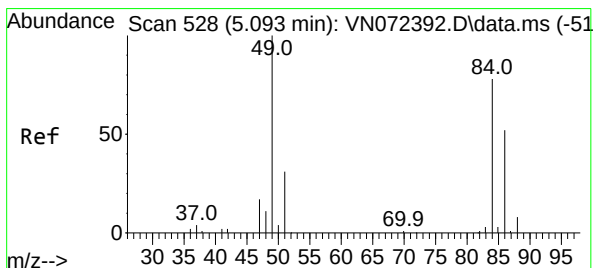
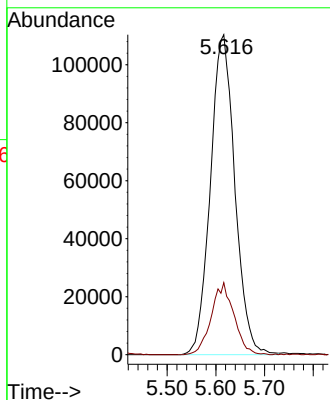
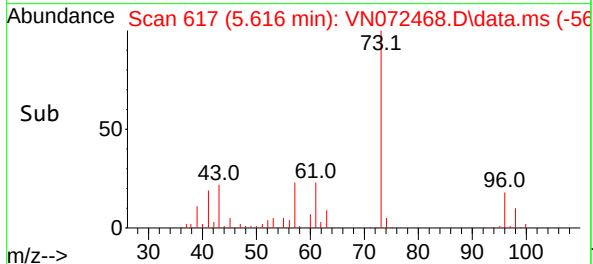
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 385636
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4

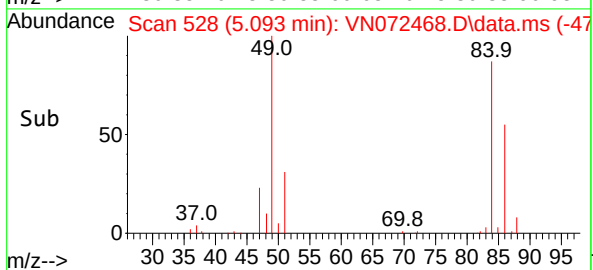
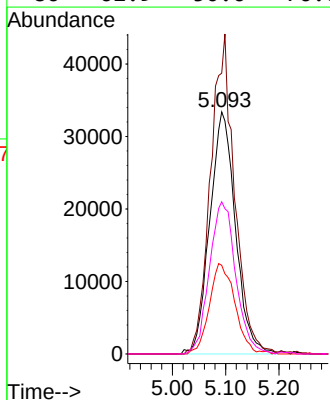
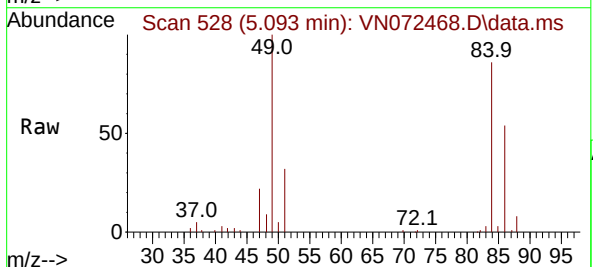
Manual Integrations
APPROVED

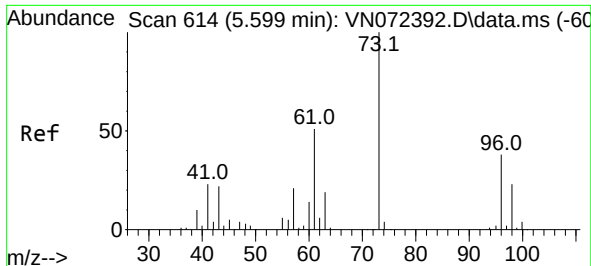
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 43.464 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

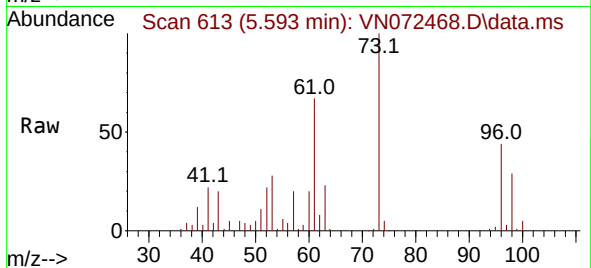
Tgt Ion: 84 Resp: 111685
Ion Ratio Lower Upper
84 100
49 116.0 88.3 132.5
51 36.6 28.2 42.2
86 62.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 45.429 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

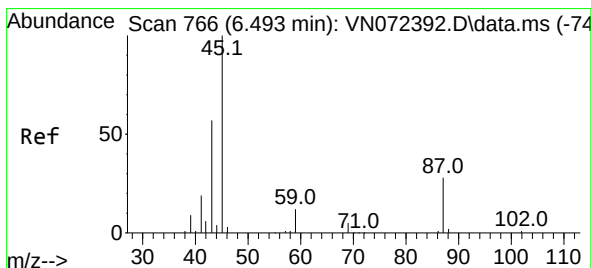
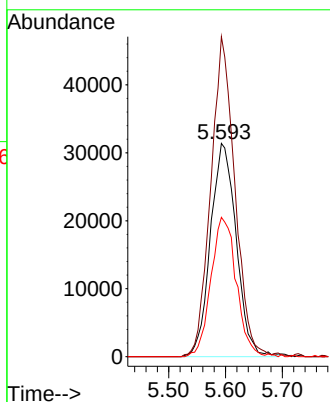
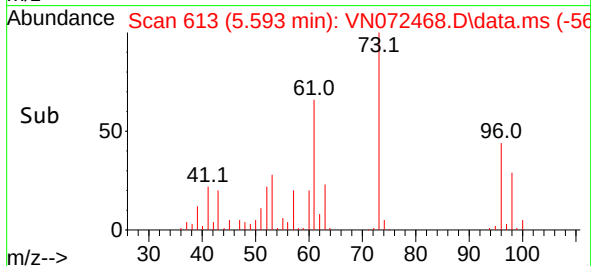
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 98812
Ion Ratio Lower Upper
96 100
61 150.1 105.8 158.8
98 65.4 50.3 75.5

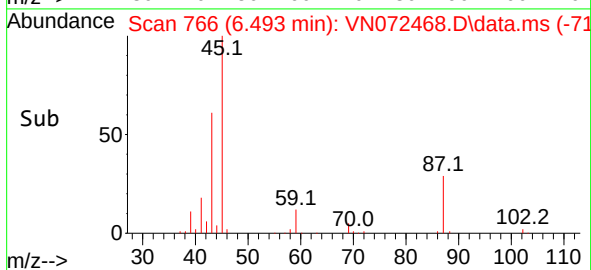
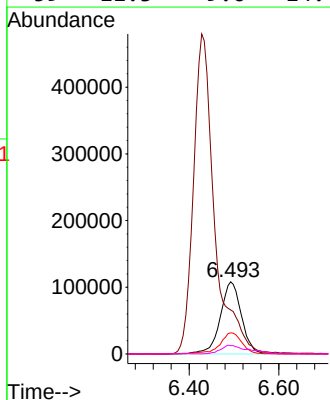
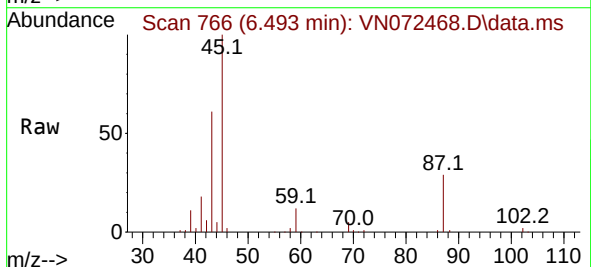
Manual Integrations
APPROVED

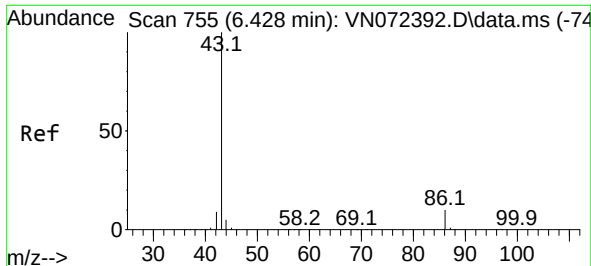
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#22
Diisopropyl ether
Concen: 44.956 ug/l
RT: 6.493 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

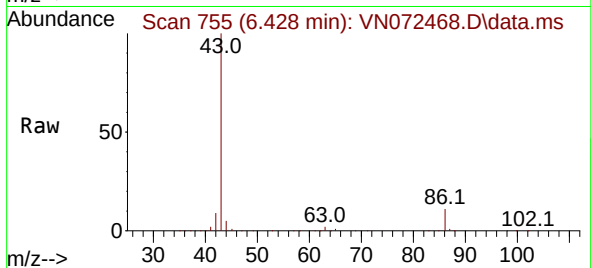
Tgt Ion: 45 Resp: 353611
Ion Ratio Lower Upper
45 100
43 59.2 46.6 70.0
87 29.2 24.3 36.5
59 11.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 237.956 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072468.D
 Acq: 12 May 2022 21:22

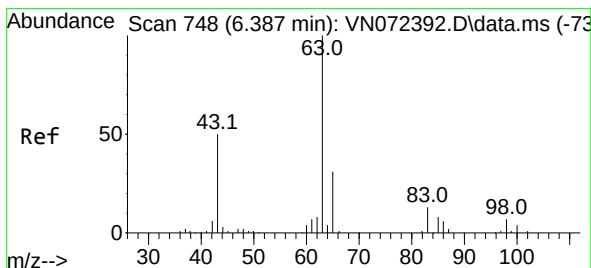
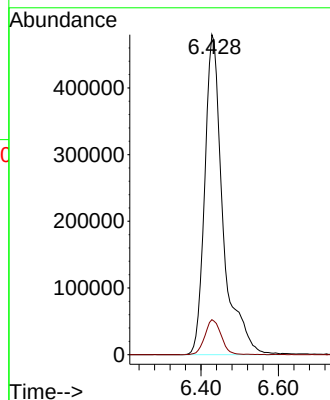
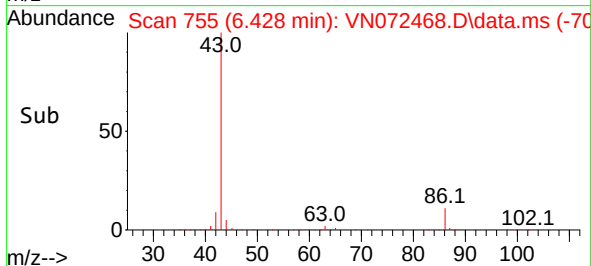
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



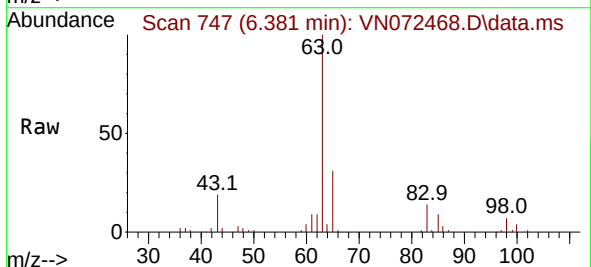
Tgt Ion: 43 Resp: 1566099
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.0 15.0

Manual Integrations
 APPROVED

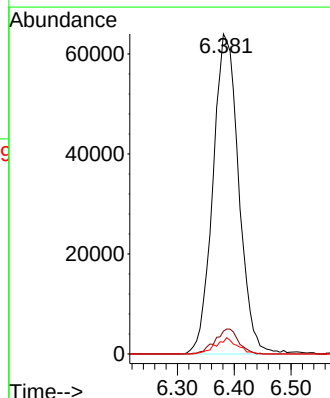
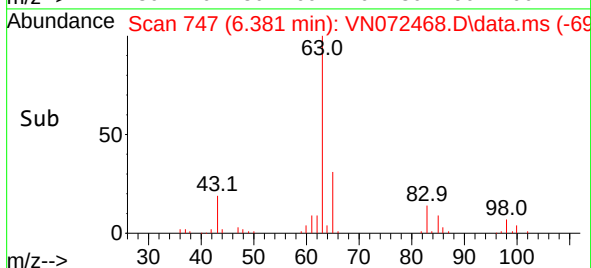
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

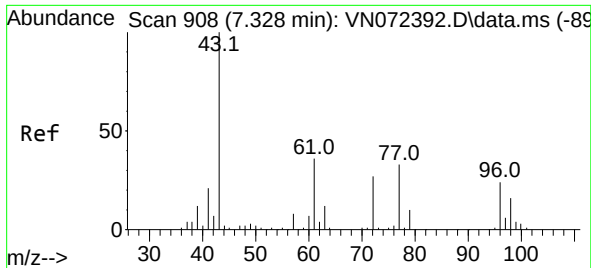


#24
 1,1-Dichloroethane
 Concen: 45.436 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072468.D
 Acq: 12 May 2022 21:22



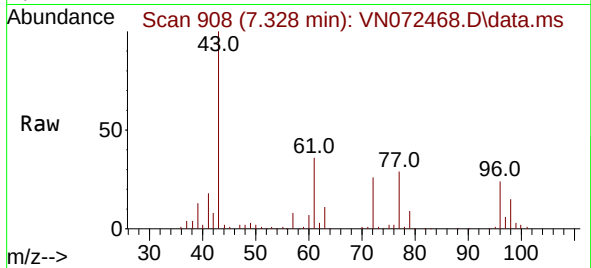
Tgt Ion: 63 Resp: 201674
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 3.7 2.3 6.8





#25
2-Butanone
Concen: 236.100 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

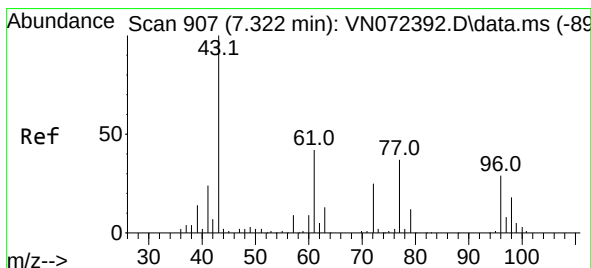
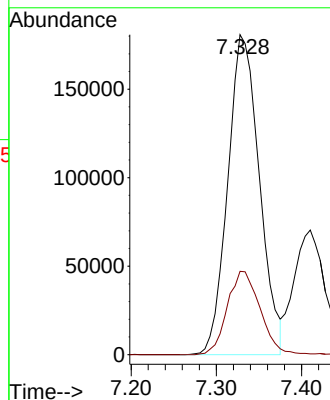
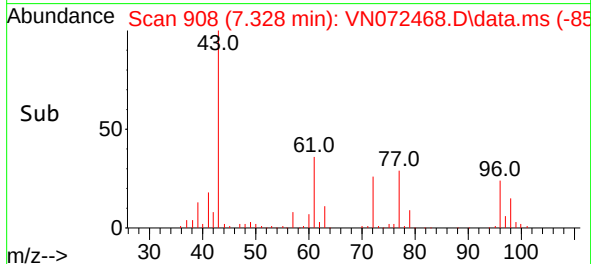
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 466978
Ion Ratio Lower Upper
43 100
72 26.0 23.7 35.5

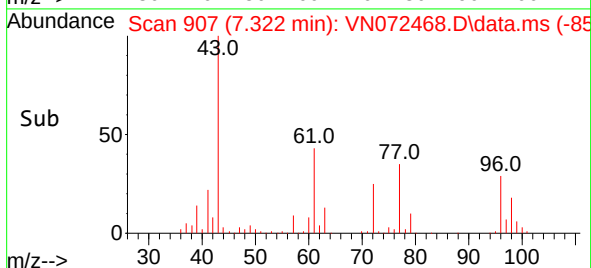
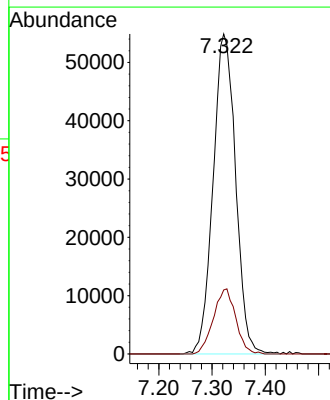
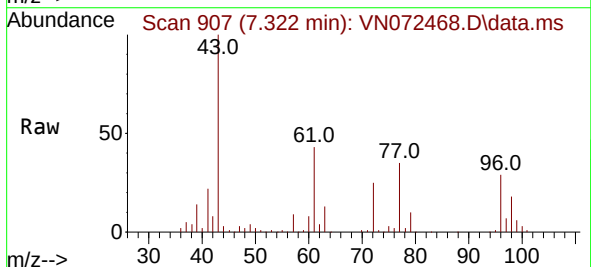
Manual Integrations
APPROVED

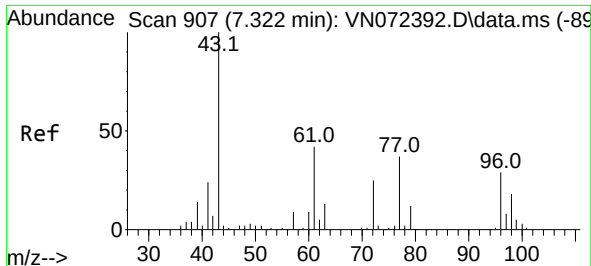
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 43.177 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

Tgt Ion: 77 Resp: 161050
Ion Ratio Lower Upper
77 100
97 20.2 11.4 34.2





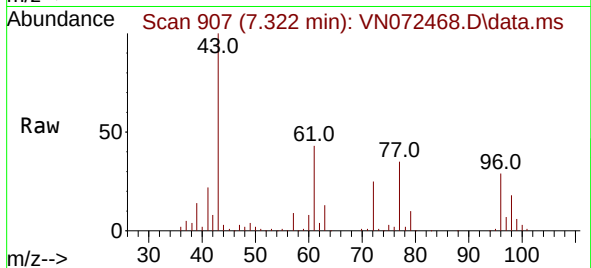
#27
 cis-1,2-Dichloroethene
 Concen: 46.476 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072468.D
 Acq: 12 May 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



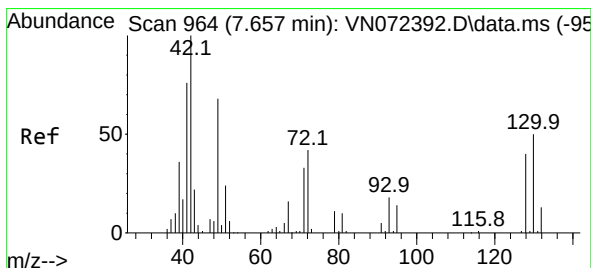
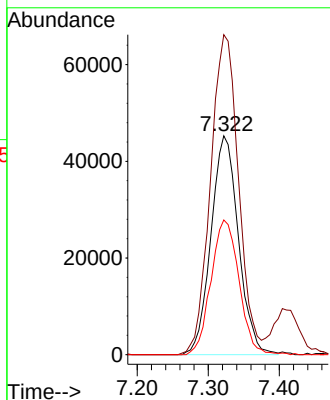
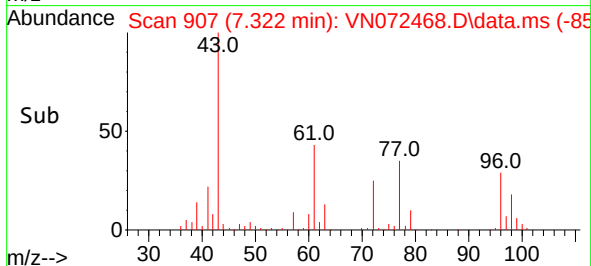
Tgt Ion: 96 Resp: 12153
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 280.6
 98 62.9 0.0 128.4

Manual Integrations

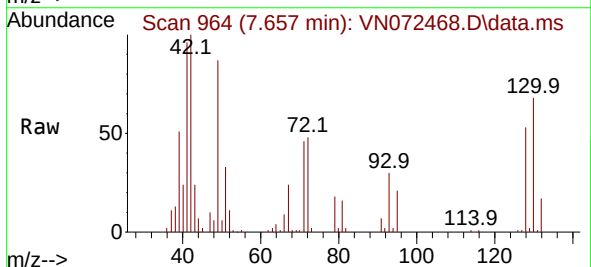
APPROVED

Reviewed By :John Carlone 05/13/2022

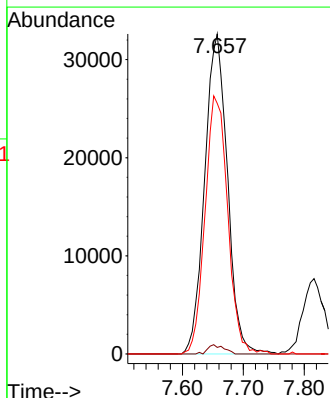
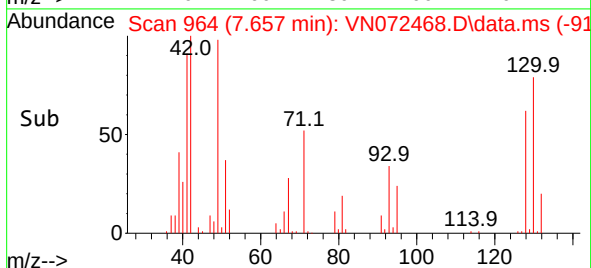
Supervised By :Mahesh Dadoda 05/13/2022

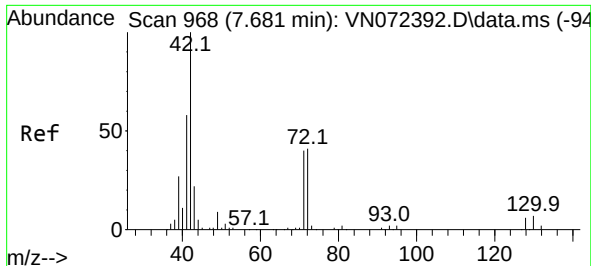


#28
 Bromochloromethane
 Concen: 44.904 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VN072468.D
 Acq: 12 May 2022 21:22



Tgt Ion: 49 Resp: 84629
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 80.2 69.7 104.5





#29

Tetrahydrofuran

Concen: 236.618 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 304160

Ion Ratio Lower Upper

42 100

72 44.7 39.7 59.5

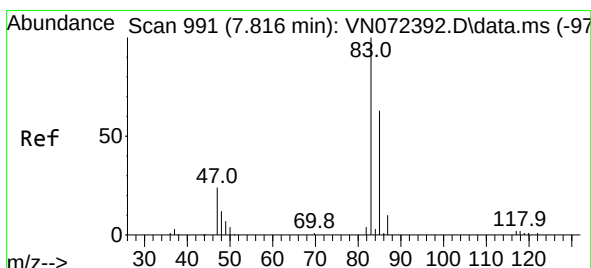
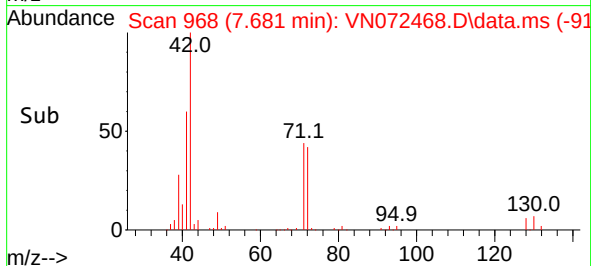
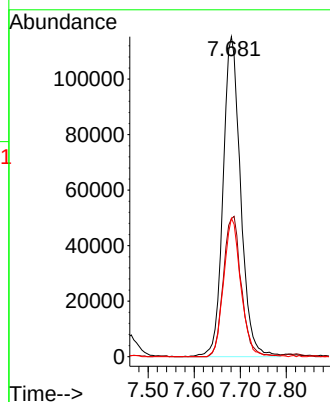
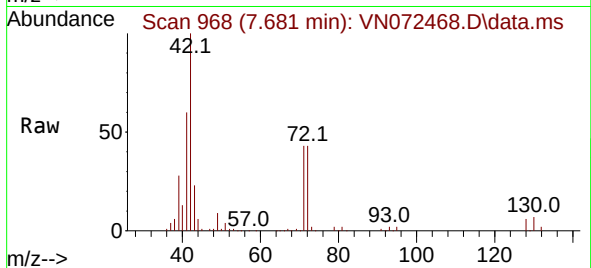
71 42.5 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 49.645 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072468.D

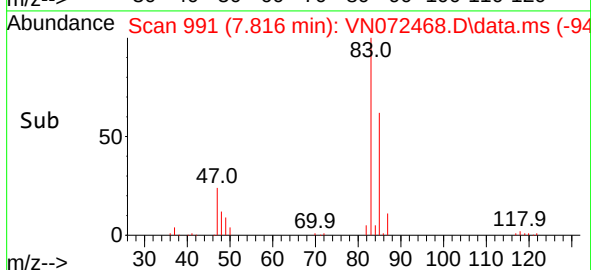
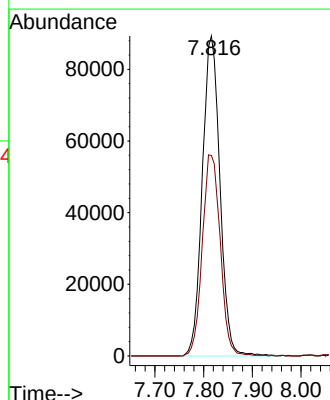
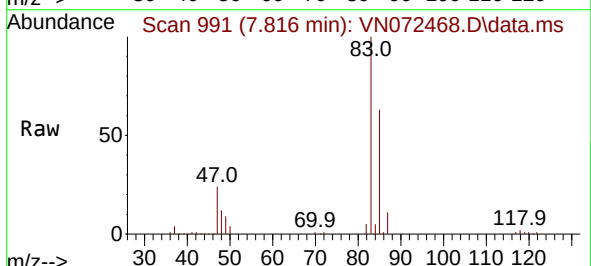
Acq: 12 May 2022 21:22

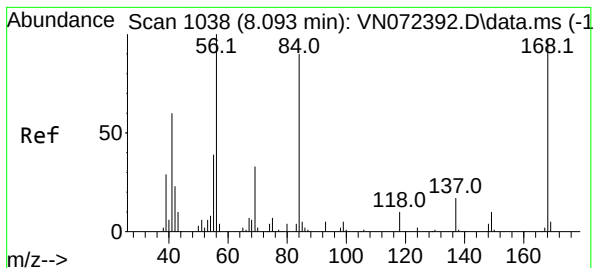
Tgt Ion: 83 Resp: 224181

Ion Ratio Lower Upper

83 100

85 62.7 51.8 77.8





#31

Cyclohexane

Concen: 41.456 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.001 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 173829

Ion Ratio Lower Upper

56 100

69 39.2 27.8 41.8

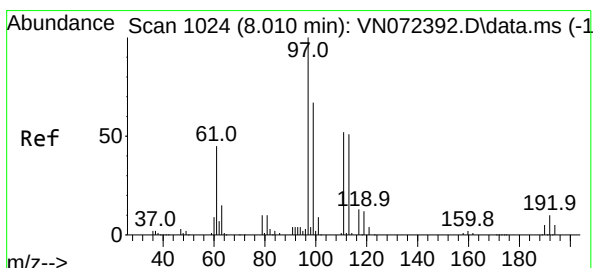
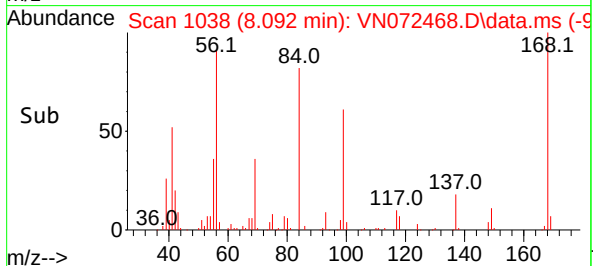
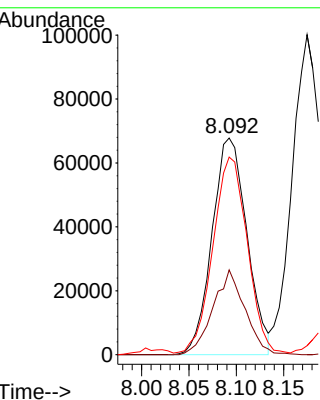
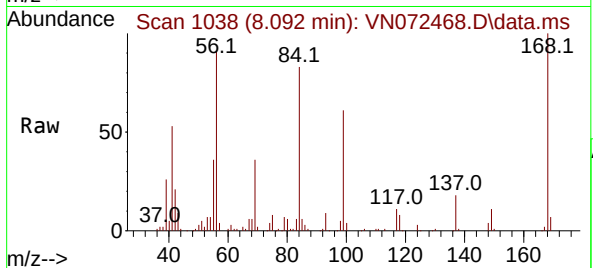
84 89.4 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#32

1,1,1-Trichloroethane

Concen: 50.734 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

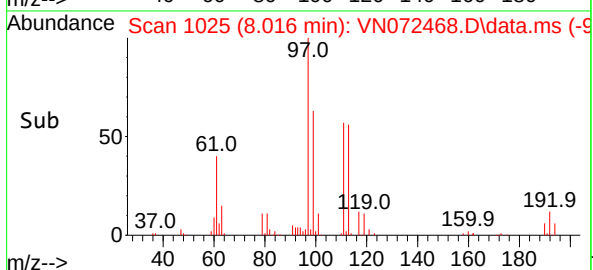
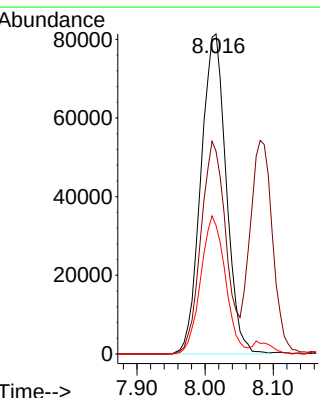
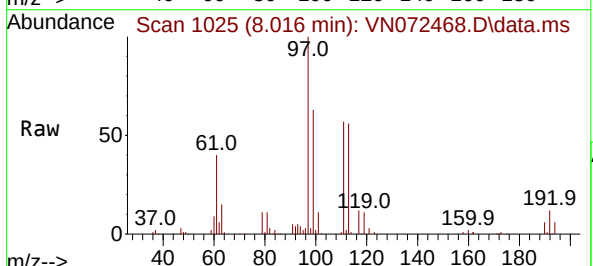
Tgt Ion: 97 Resp: 210129

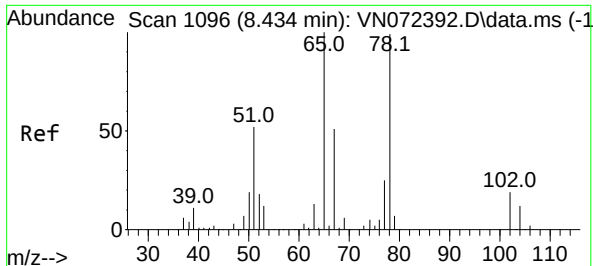
Ion Ratio Lower Upper

97 100

99 66.0 50.6 76.0

61 42.1 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.913 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 157940

Ion Ratio Lower Upper

65 100

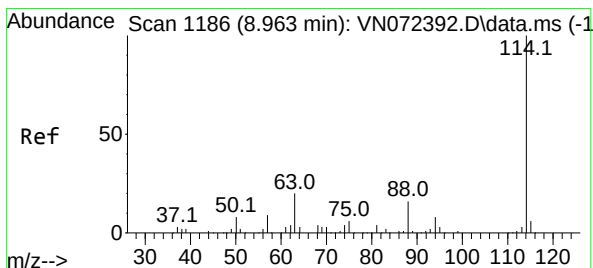
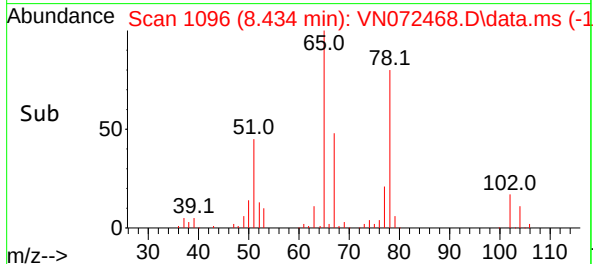
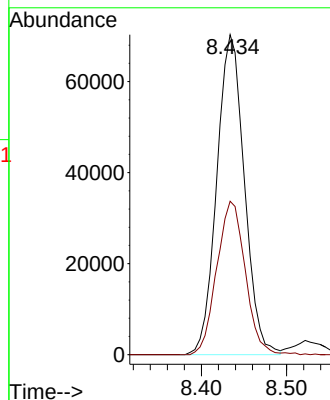
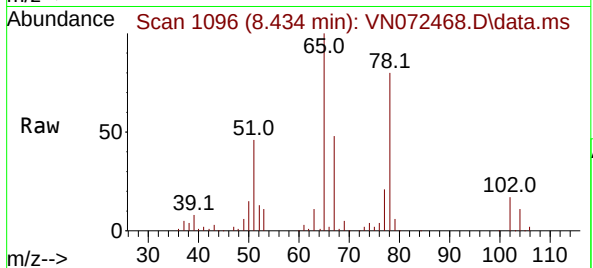
67 49.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

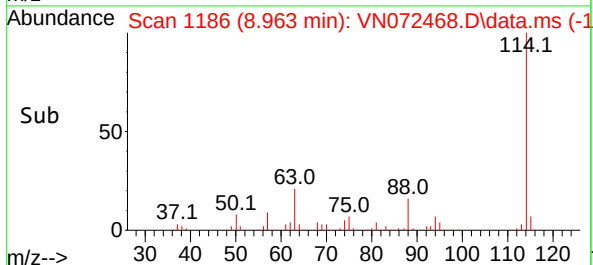
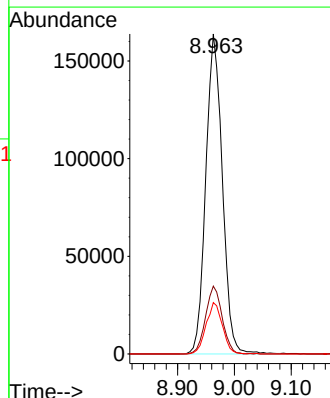
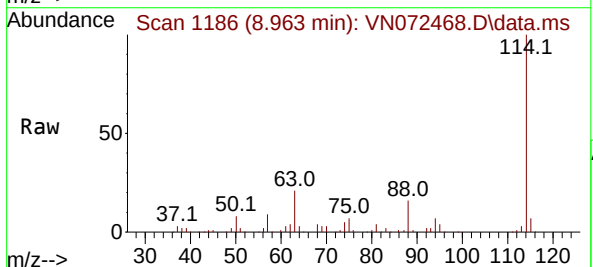
Tgt Ion:114 Resp: 331109

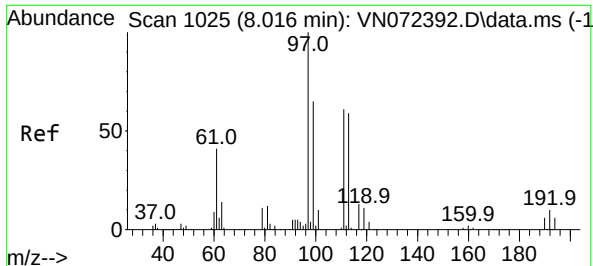
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.363 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

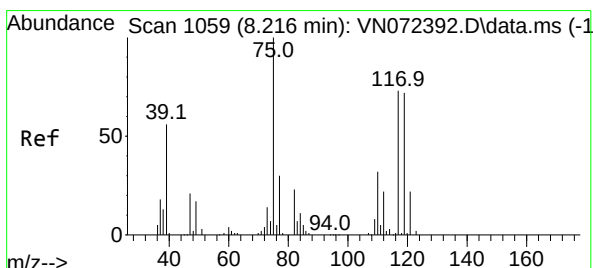
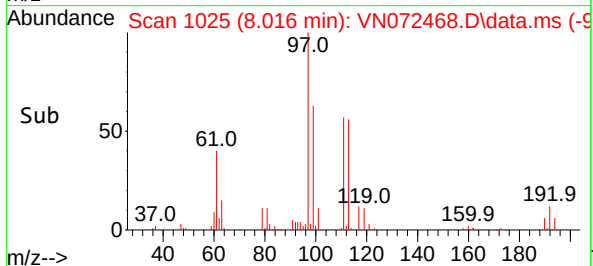
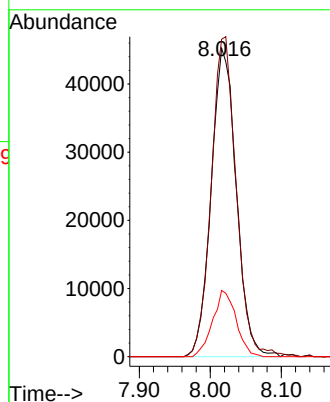
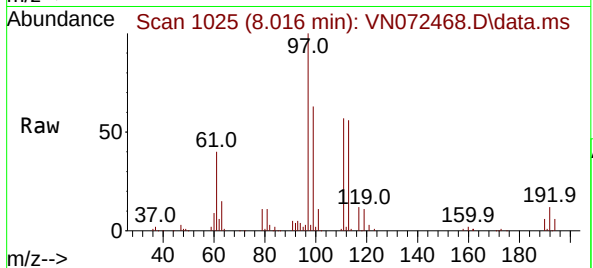
Tgt Ion:	113	Resp:	11094
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.4	122.0
192	20.1	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#36

1,1-Dichloropropene

Concen: 48.104 ug/l

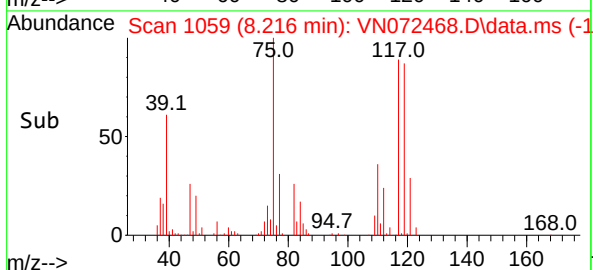
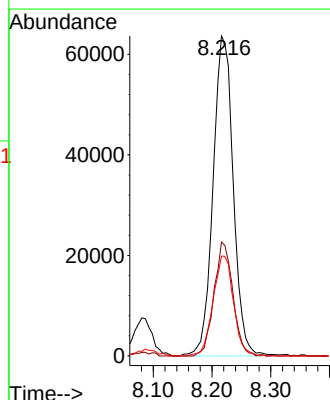
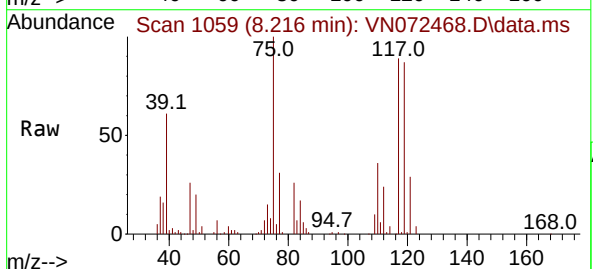
RT: 8.216 min Scan# 1059

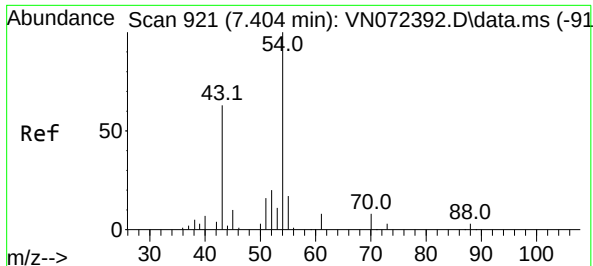
Delta R.T. -0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

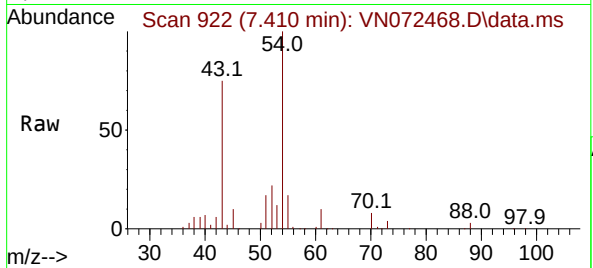
Tgt Ion:	75	Resp:	152198
Ion Ratio	Lower	Upper	
75	100		
110	33.3	18.3	54.8
77	31.5	25.1	37.7





#37
Ethyl Acetate
Concen: 48.615 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

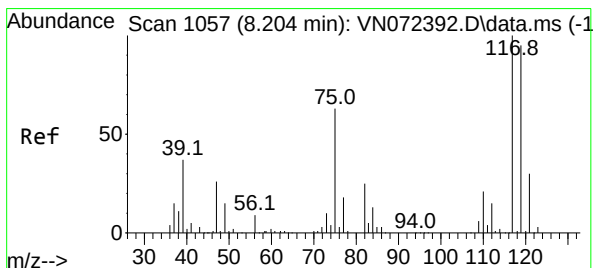
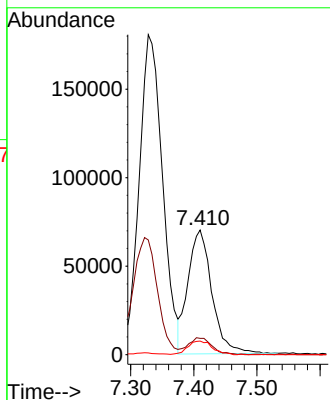
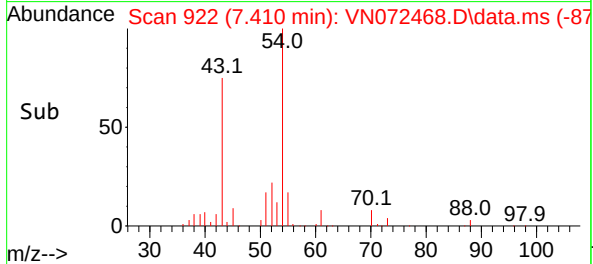
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 184540
Ion Ratio Lower Upper
43 100
61 13.7 11.8 17.6
70 11.2 9.3 13.9

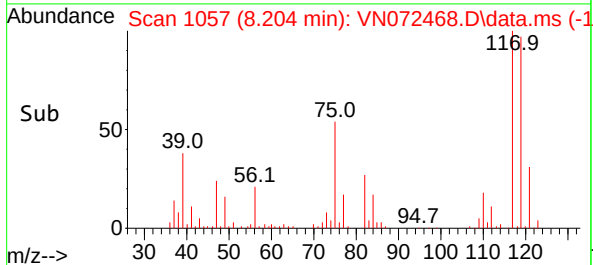
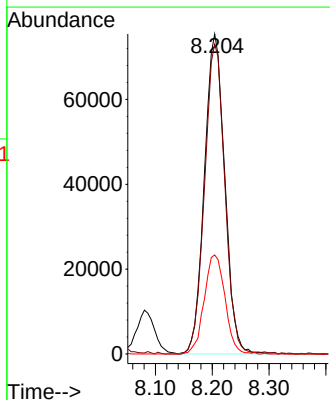
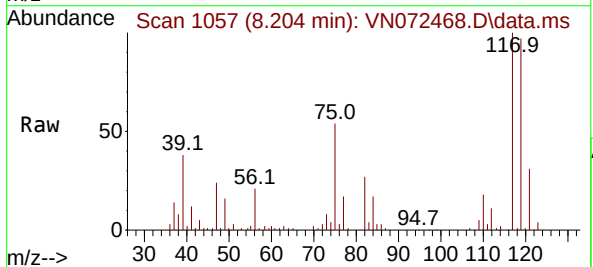
Manual Integrations
APPROVED

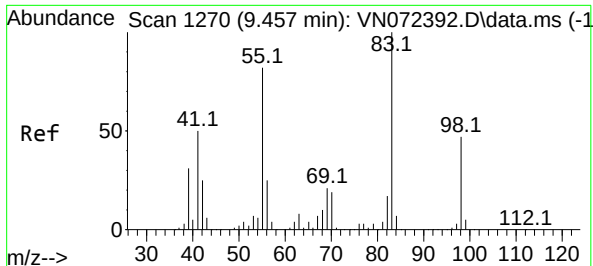
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 52.950 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

Tgt Ion:117 Resp: 187499
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
121 31.0 24.6 37.0





#39

Methylcyclohexane

Concen: 49.612 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 17641

Ion Ratio Lower Upper

83 100

55 78.6 57.8 86.8

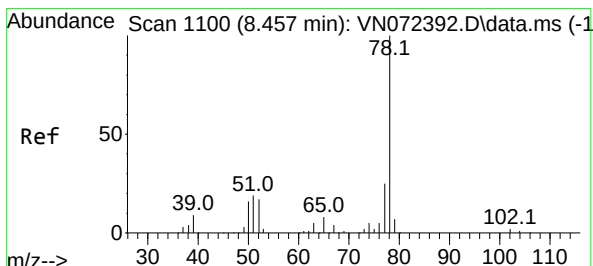
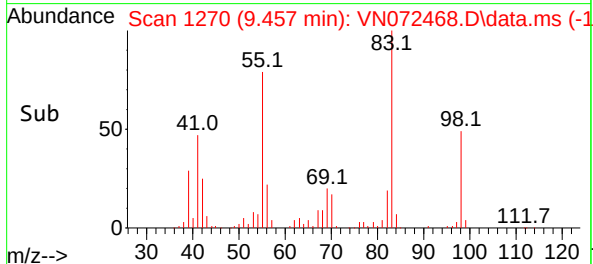
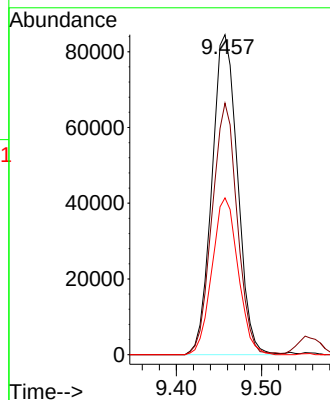
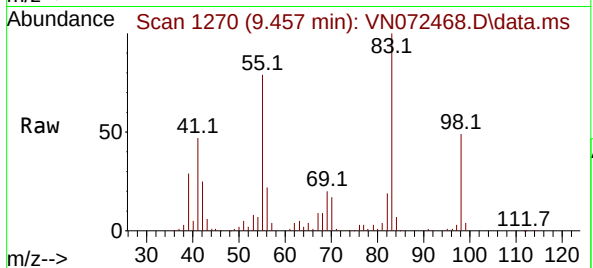
98 49.0 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#40

Benzene

Concen: 46.651 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072468.D

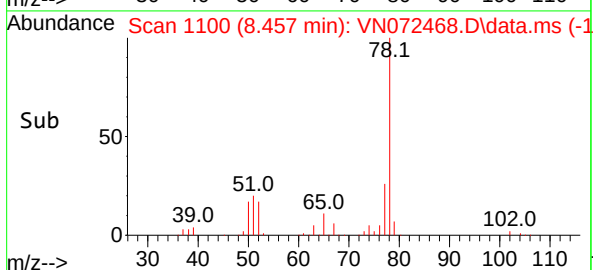
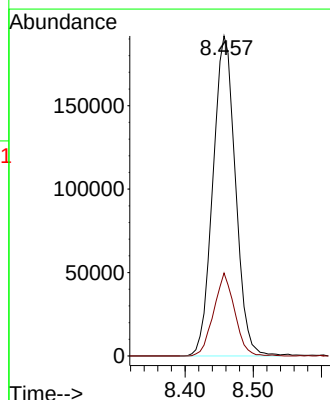
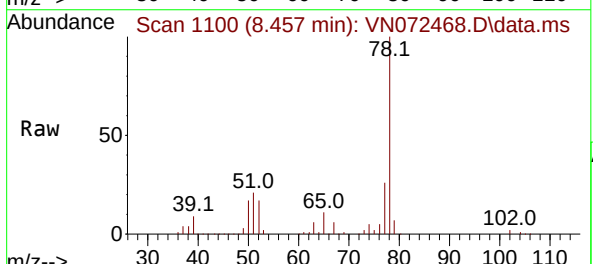
Acq: 12 May 2022 21:22

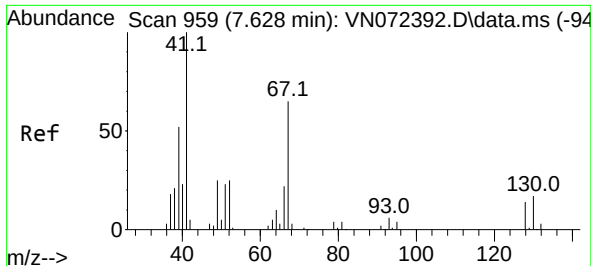
Tgt Ion: 78 Resp: 440929

Ion Ratio Lower Upper

78 100

77 25.9 19.4 29.0





#41
Methacrylonitrile
Concen: 51.128 ug/l
RT: 7.634 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

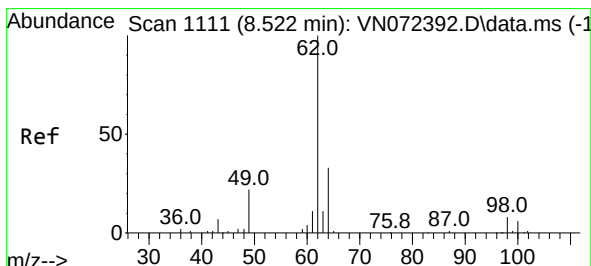
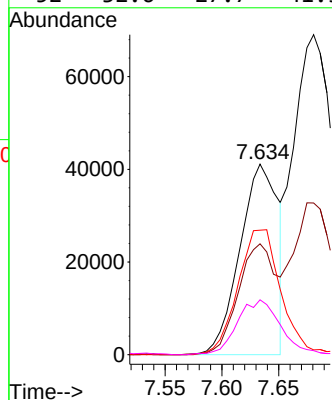
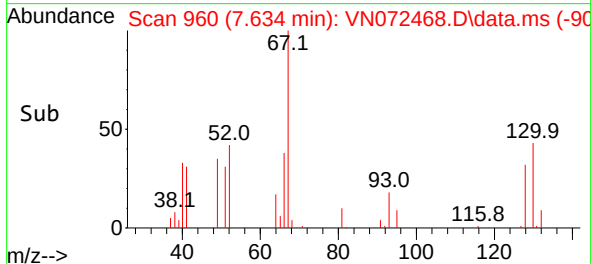
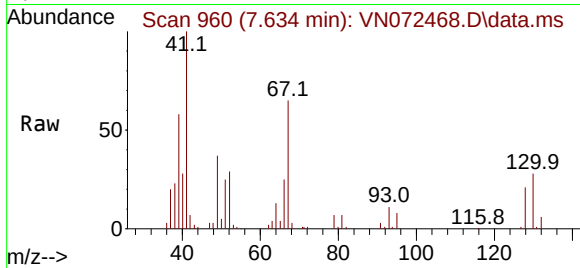
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 9610

Ion	Ratio	Lower	Upper
41	100		
39	58.0	48.6	73.0
67	74.6	73.4	110.2
52	32.6	27.7	41.5

Manual Integrations
APPROVED

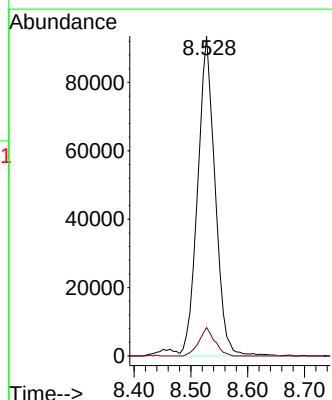
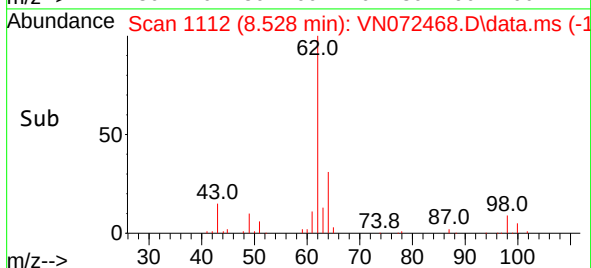
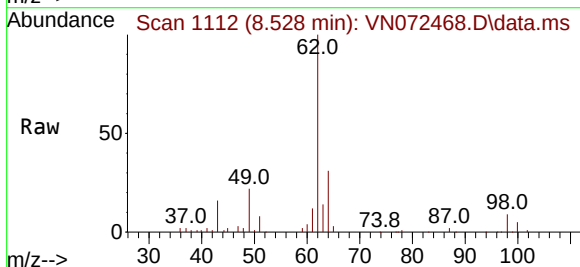
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

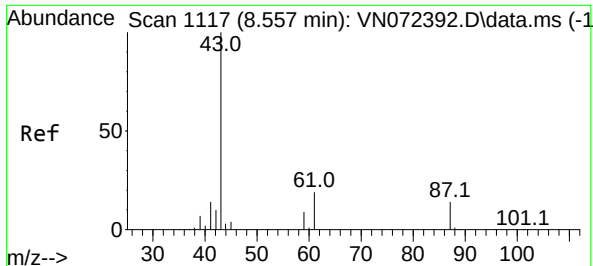


#42
1,2-Dichloroethane
Concen: 52.368 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

Tgt Ion: 62 Resp: 198940

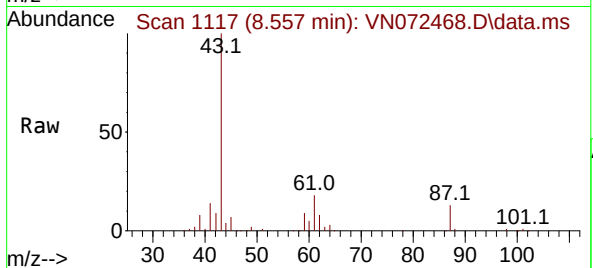
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	19.4





#43
Isopropyl Acetate
Concen: 60.994 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

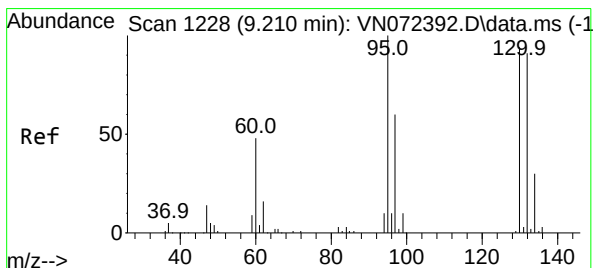
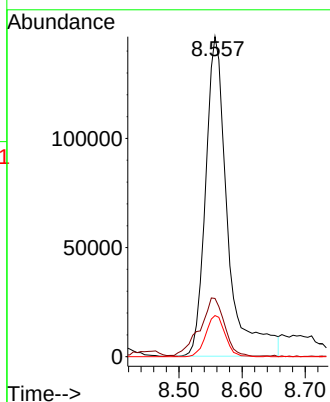
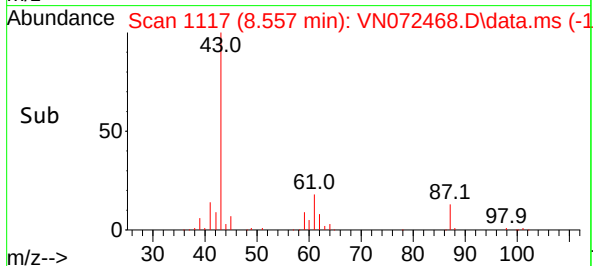
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



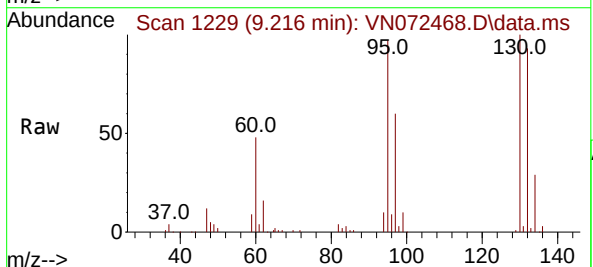
Tgt Ion: 43 Resp: 355638
Ion Ratio Lower Upper
43 100
61 20.3 21.9 32.9
87 11.3 12.0 18.0

Manual Integrations
APPROVED

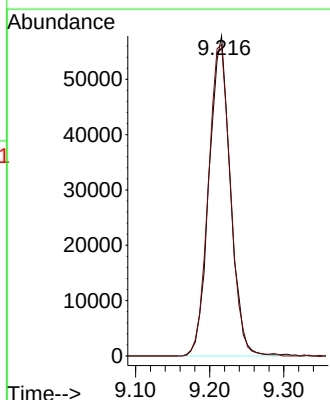
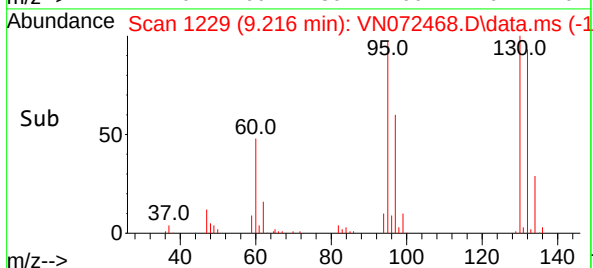
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

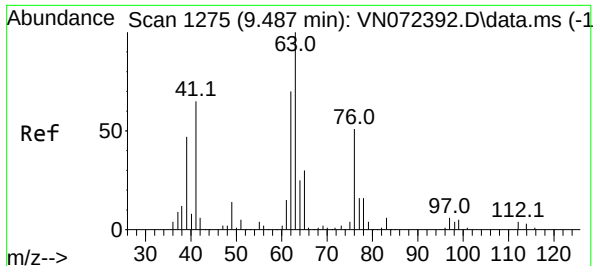


#44
Trichloroethene
Concen: 47.883 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



Tgt Ion:130 Resp: 114888
Ion Ratio Lower Upper
130 100
95 97.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 47.246 ug/l

RT: 9.486 min Scan# 11404

Delta R.T. -0.001 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11404

Ion Ratio Lower Upper

63 100

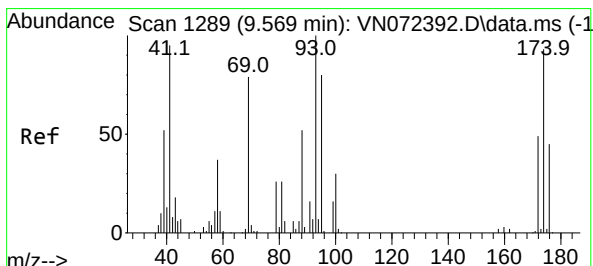
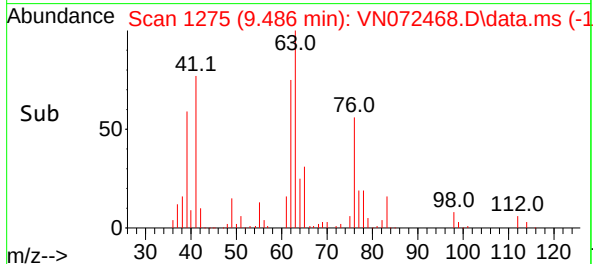
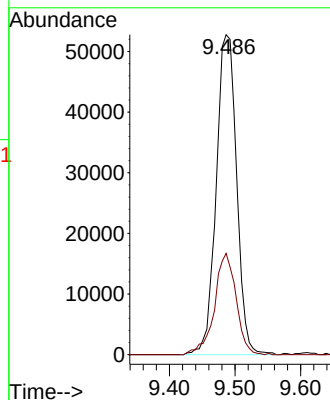
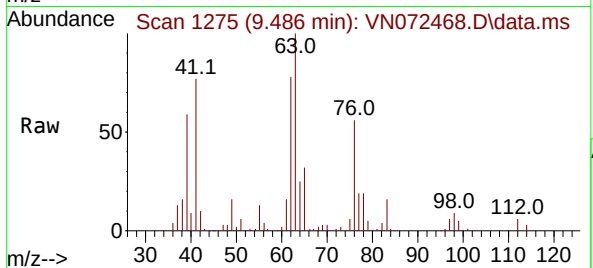
65 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 49.978 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

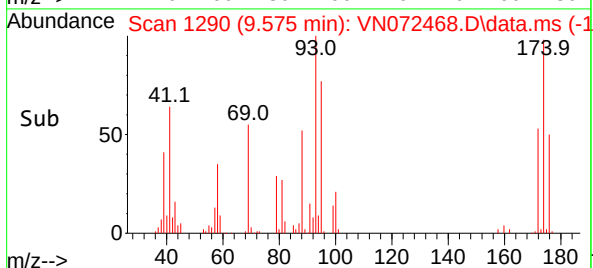
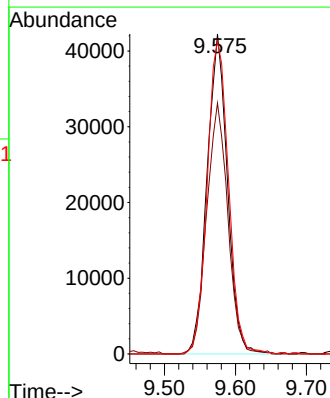
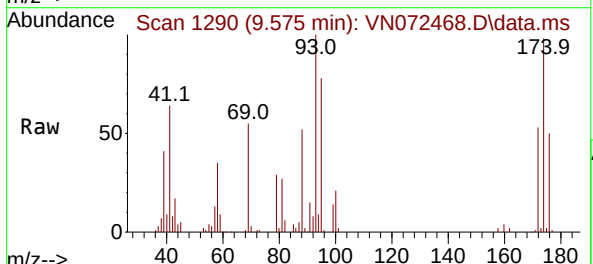
Tgt Ion: 93 Resp: 83997

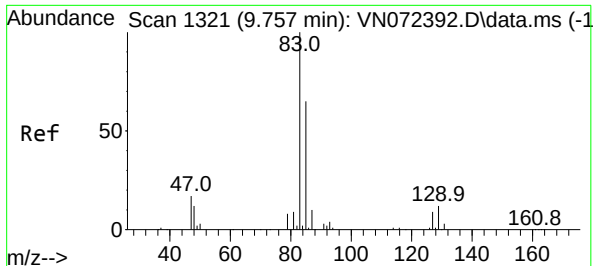
Ion Ratio Lower Upper

93 100

95 81.7 66.9 100.3

174 102.9 86.6 130.0





#47

Bromodichloromethane

Concen: 51.836 ug/l

RT: 9.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

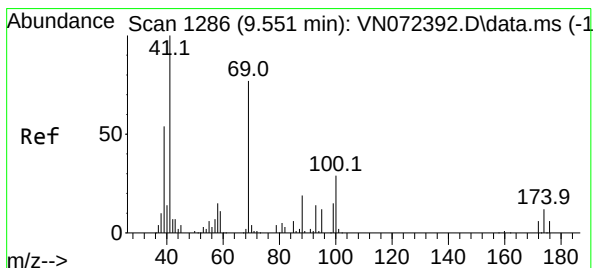
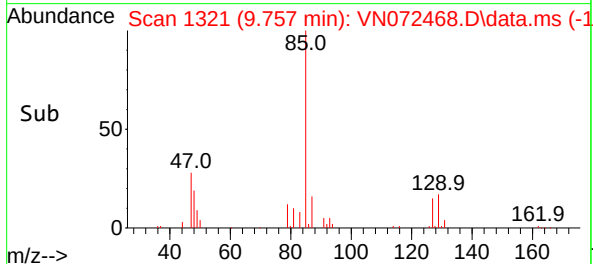
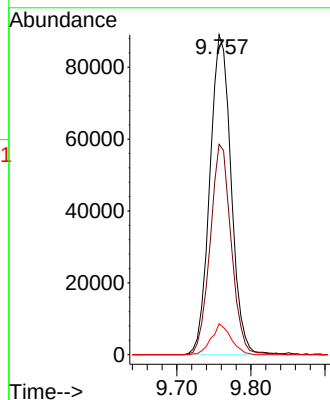
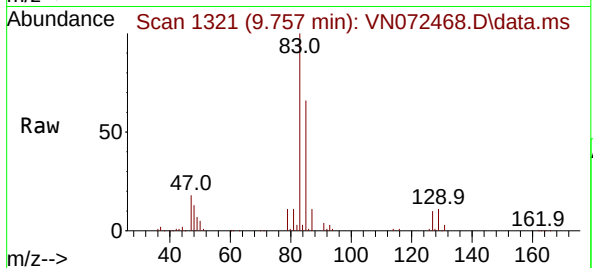
Tgt Ion: 83 Resp: 177609
 Ion Ratio Lower Upper
 83 100
 85 65.7 50.5 75.7
 127 9.7 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#48

Methyl methacrylate

Concen: 50.375 ug/l

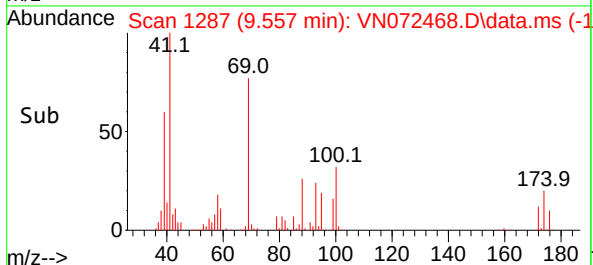
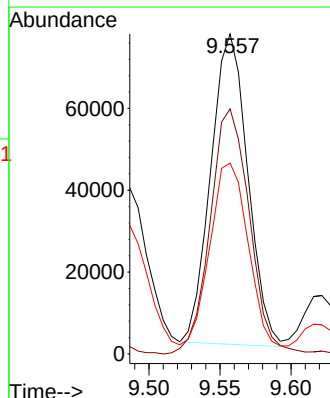
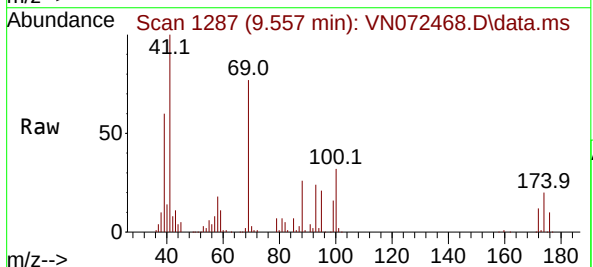
RT: 9.557 min Scan# 1287

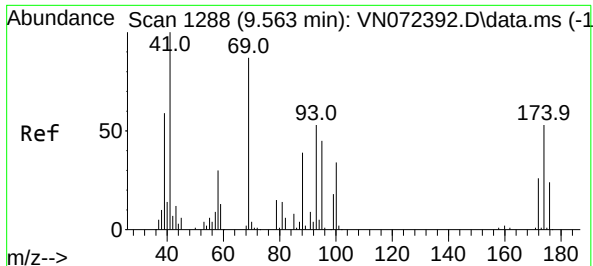
Delta R.T. 0.006 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

Tgt Ion: 41 Resp: 137039
 Ion Ratio Lower Upper
 41 100
 69 84.7 74.7 112.1
 39 65.8 45.6 68.4





#49

1,4-Dioxane

Concen: 1180.422 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 54778

Ion Ratio Lower Upper

88 100

43 34.1 20.2 30.4

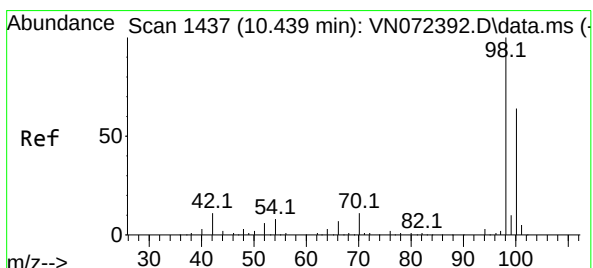
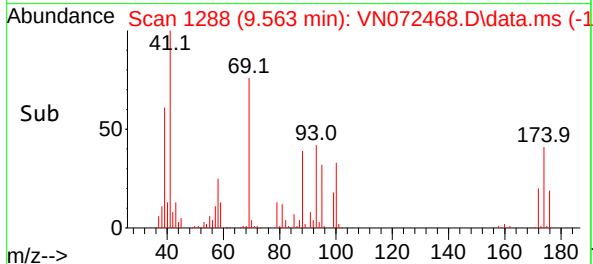
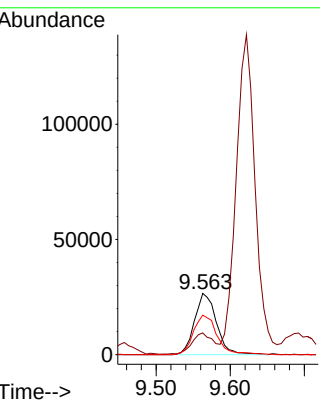
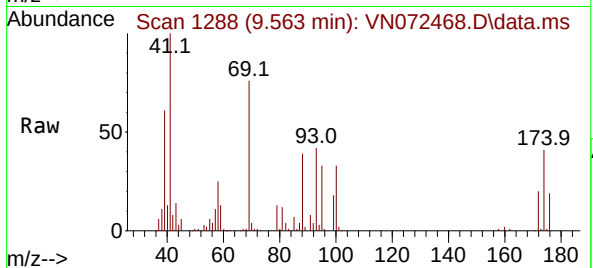
58 69.8 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#50

Toluene-d8

Concen: 49.403 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072468.D

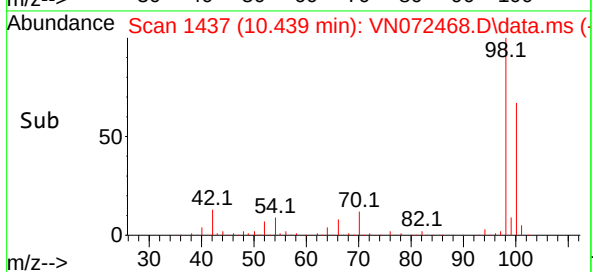
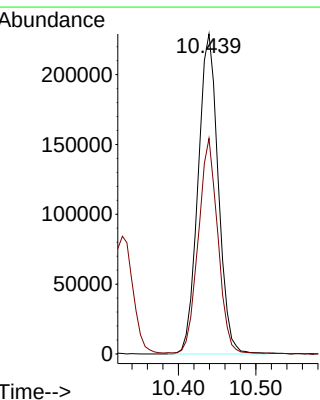
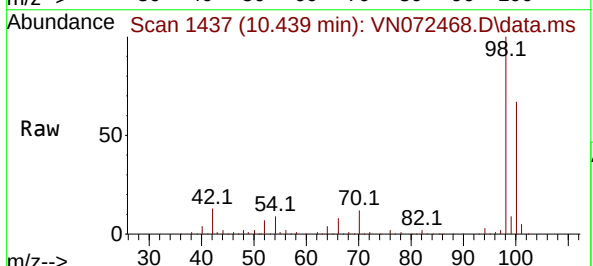
Acq: 12 May 2022 21:22

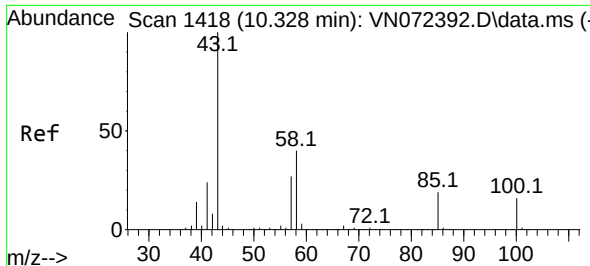
Tgt Ion: 98 Resp: 414474

Ion Ratio Lower Upper

98 100

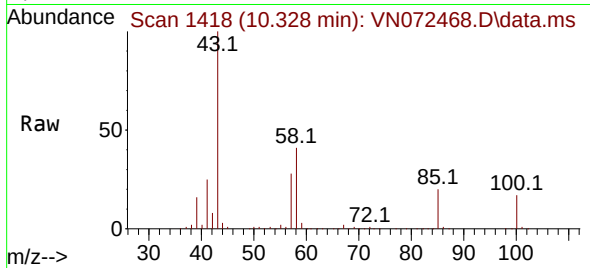
100 65.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 258.073 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

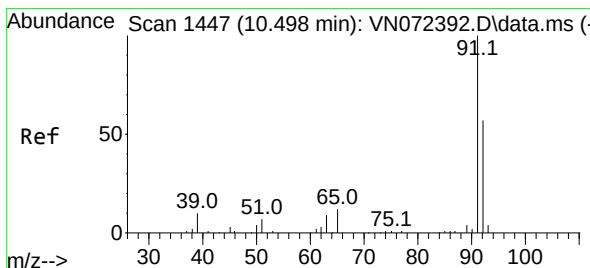
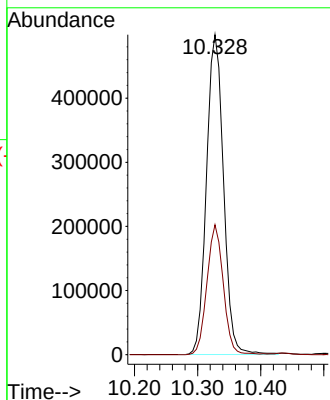
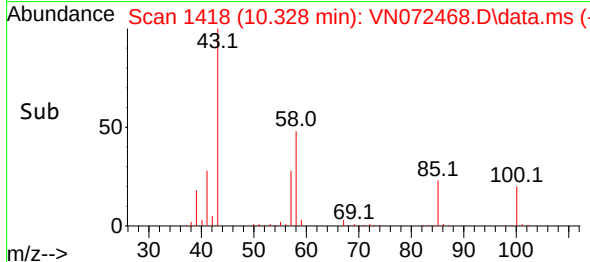
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



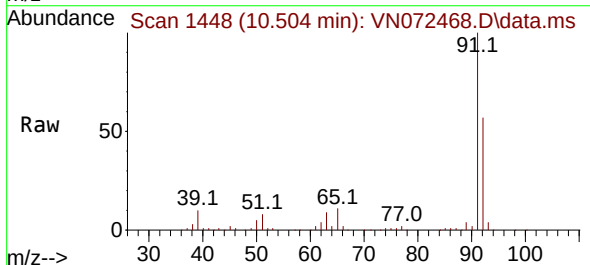
Tgt Ion: 43 Resp: 934378
Ion Ratio Lower Upper
43 100
58 39.0 34.1 51.1

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APPROVED

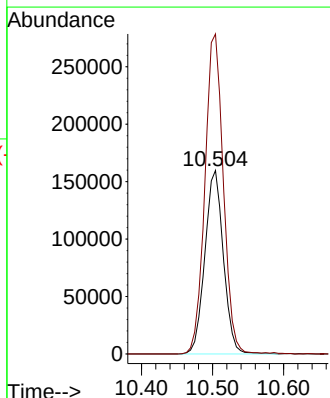
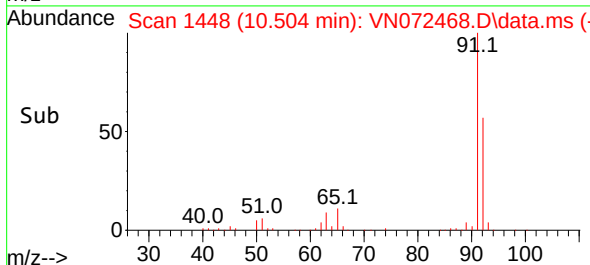
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

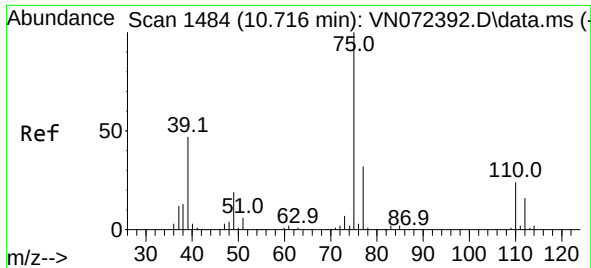


#52
Toluene
Concen: 49.576 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



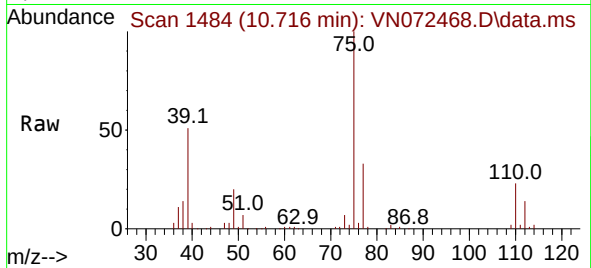
Tgt Ion: 92 Resp: 288932
Ion Ratio Lower Upper
92 100
91 173.8 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 53.719 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VN072468.D
 Acq: 12 May 2022 21:22

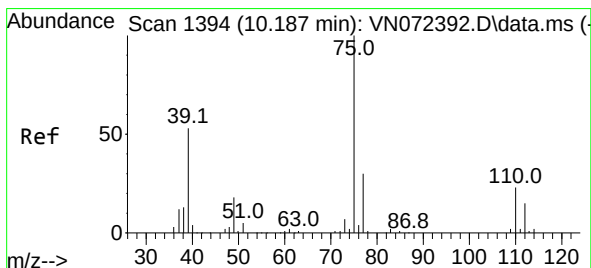
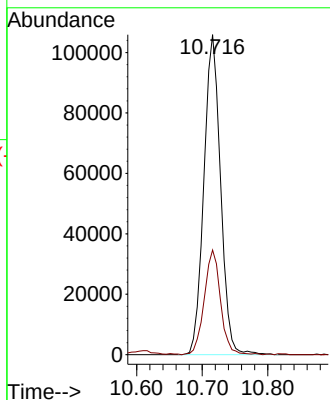
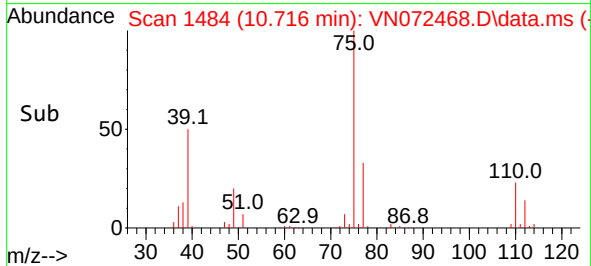
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 187350
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4

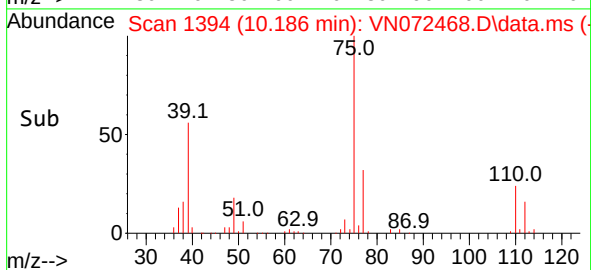
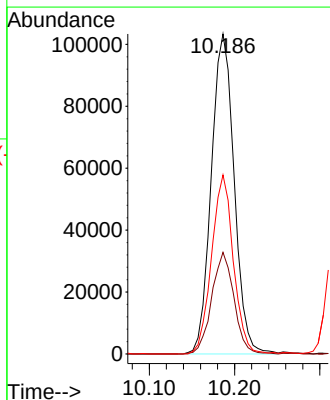
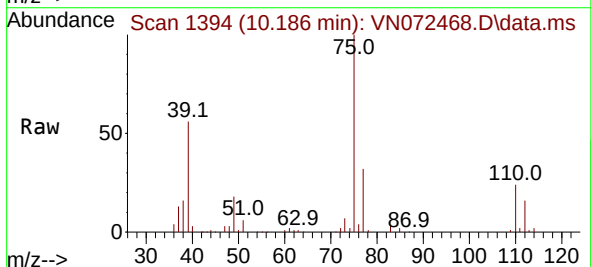
Manual Integrations
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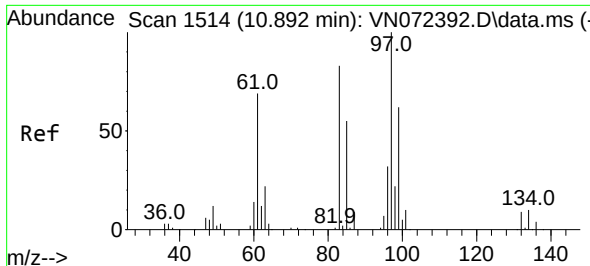
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#54
 cis-1,3-Dichloropropene
 Concen: 51.770 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. -0.001 min
 Lab File: VN072468.D
 Acq: 12 May 2022 21:22

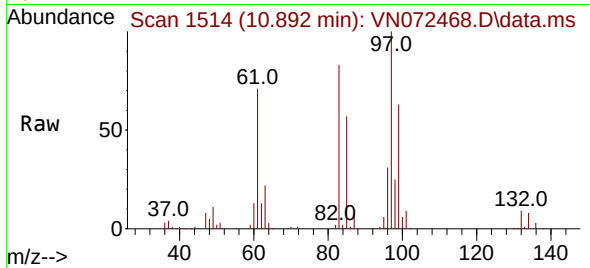
Tgt Ion: 75 Resp: 192640
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8
 39 56.0 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 49.265 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

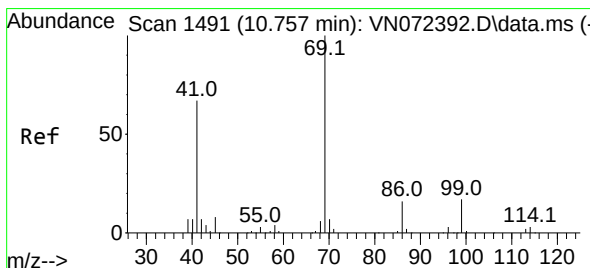
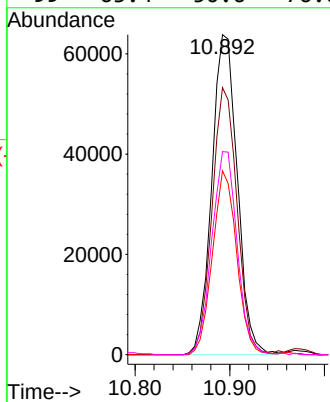
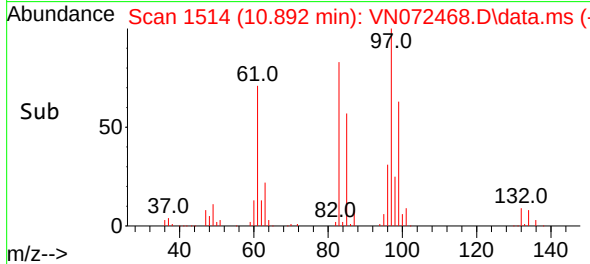
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



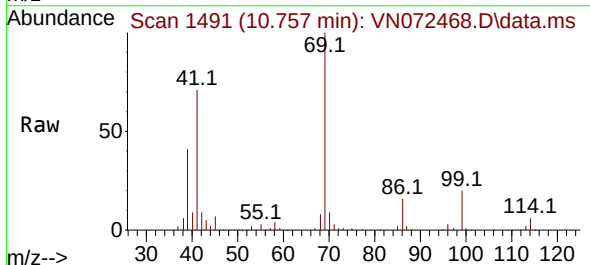
Tgt Ion: 97 Resp: 119610
Ion Ratio Lower Upper
97 100
83 83.4 66.2 99.4
85 57.5 43.9 65.9
99 63.4 50.6 76.0

Manual Integrations
APPROVED

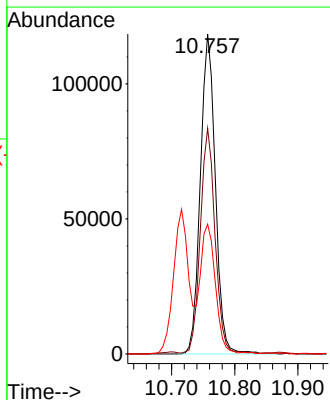
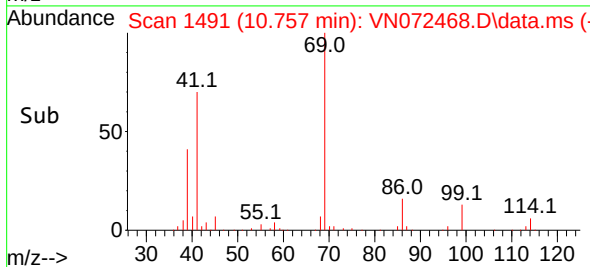
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

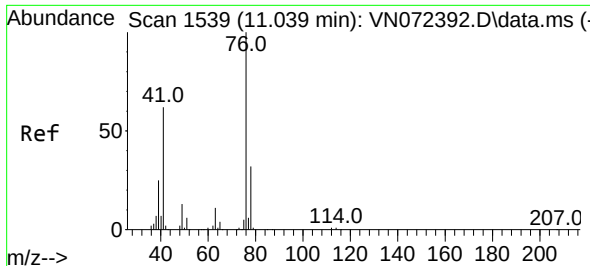


#56
Ethyl methacrylate
Concen: 56.124 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



Tgt Ion: 69 Resp: 195293
Ion Ratio Lower Upper
69 100
41 68.8 47.8 71.6
39 41.4 27.3 40.9





#57

1,3-Dichloropropane

Concen: 49.714 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 20553

Ion Ratio Lower Upper

76 100

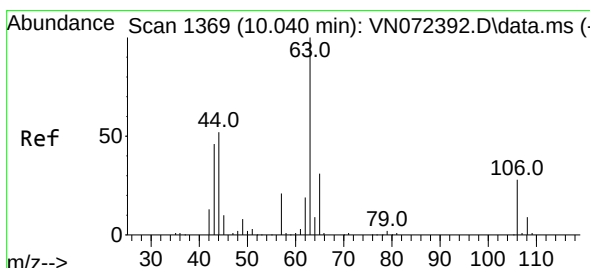
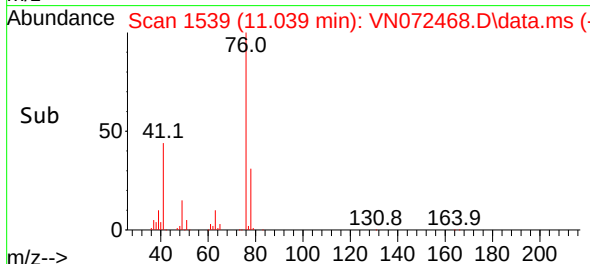
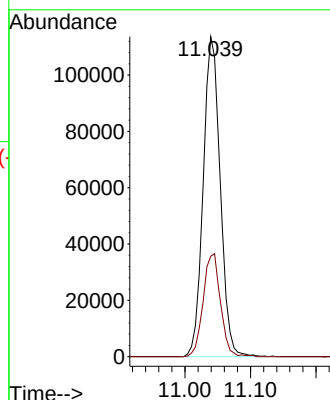
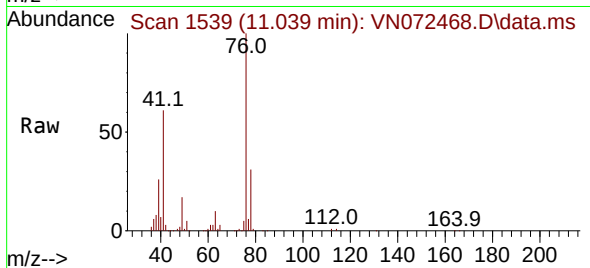
78 32.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 307.751 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. -0.001 min

Lab File: VN072468.D

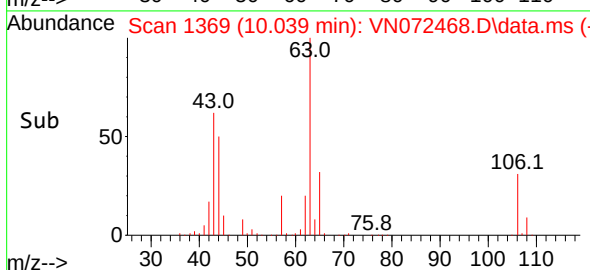
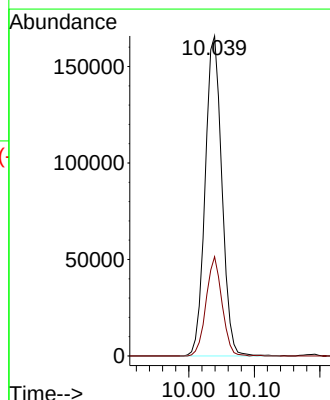
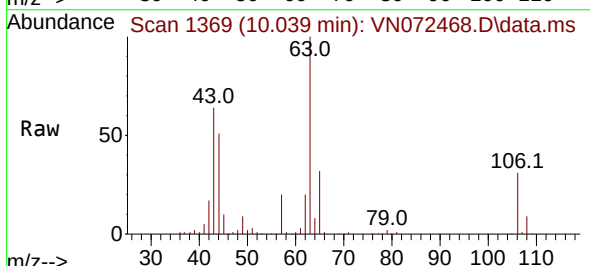
Acq: 12 May 2022 21:22

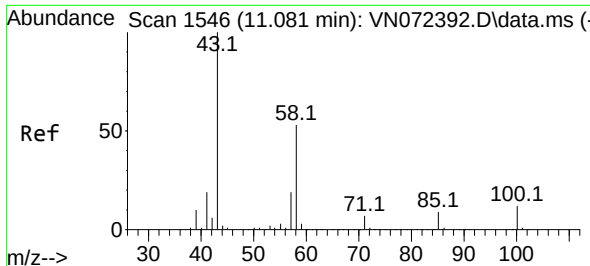
Tgt Ion: 63 Resp: 293535

Ion Ratio Lower Upper

63 100

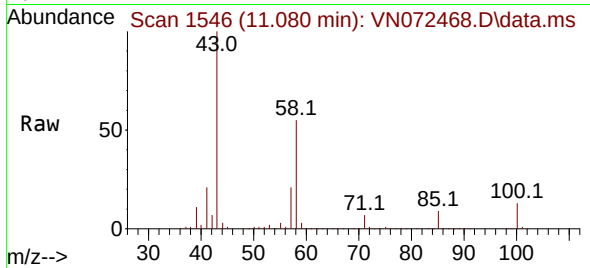
106 29.5 24.6 36.8





#59
2-Hexanone
Concen: 275.197 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

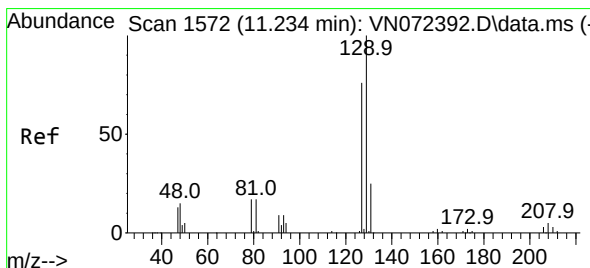
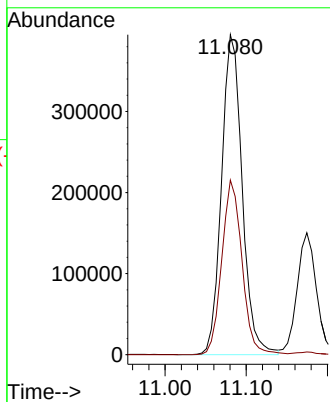
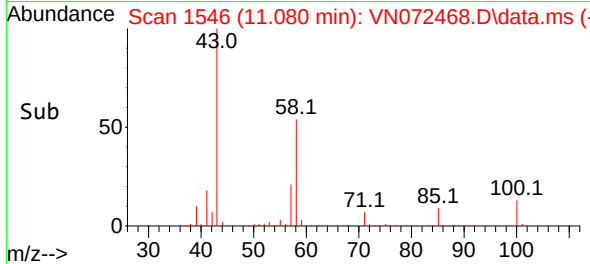
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 69864
Ion Ratio Lower Upper
43 100
58 53.5 29.7 89.1

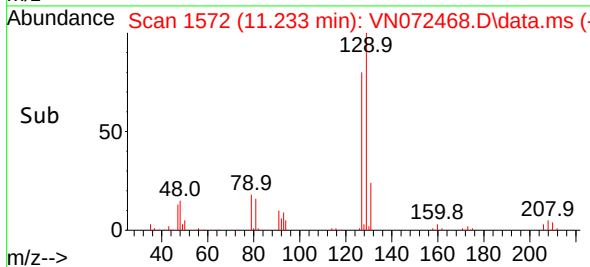
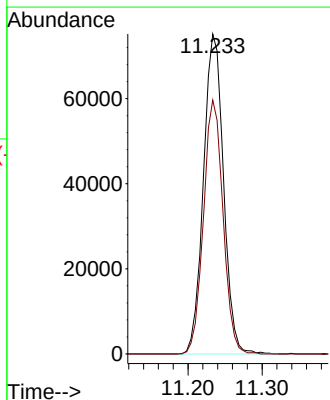
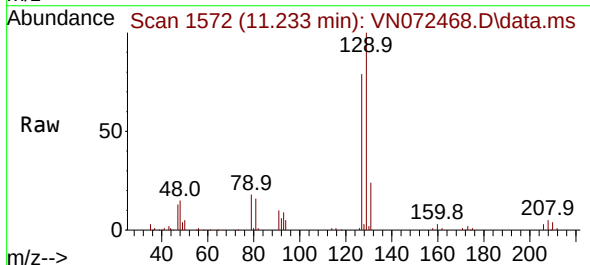
Manual Integrations
APPROVED

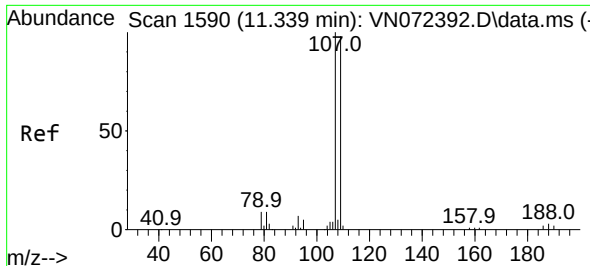
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#60
Dibromochloromethane
Concen: 54.809 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.001 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

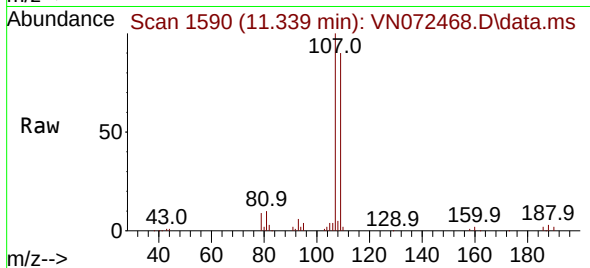
Tgt Ion:129 Resp: 141358
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.980 ug/l
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

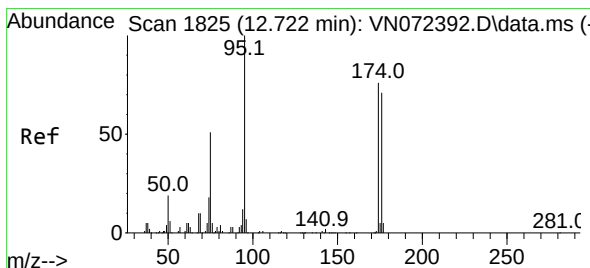
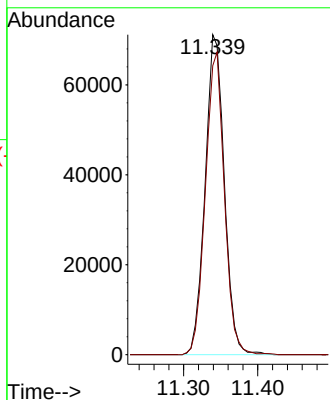
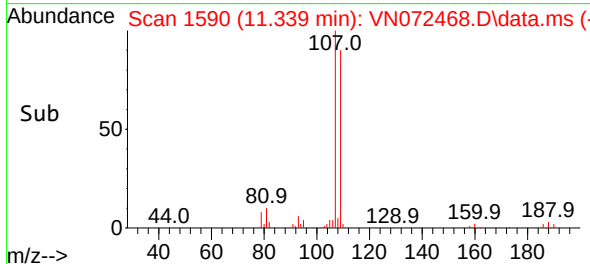
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



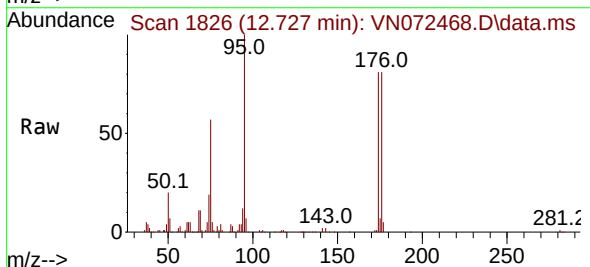
Tgt Ion:107 Resp: 128192
Ion Ratio Lower Upper
107 100
109 93.2 75.0 112.6

Manual Integrations
APPROVED

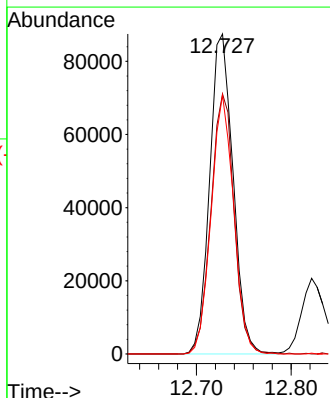
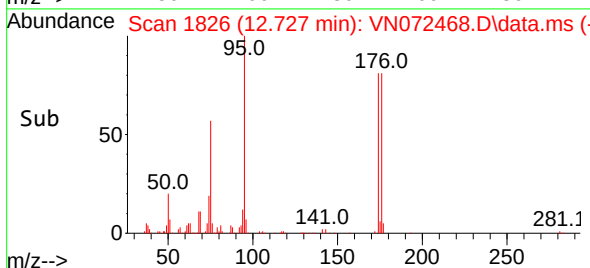
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

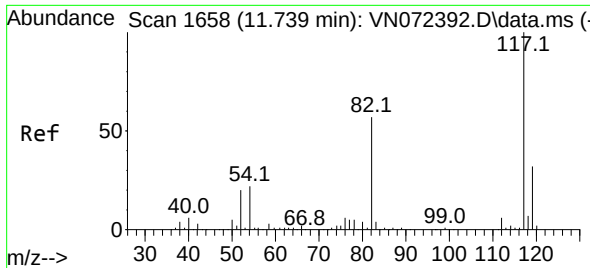


#62
4-Bromofluorobenzene
Concen: 53.968 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



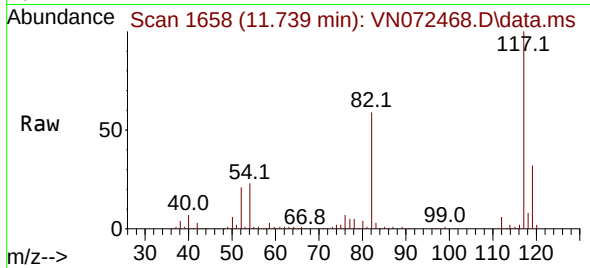
Tgt Ion: 95 Resp: 150368
Ion Ratio Lower Upper
95 100
174 80.7 0.0 167.6
176 78.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

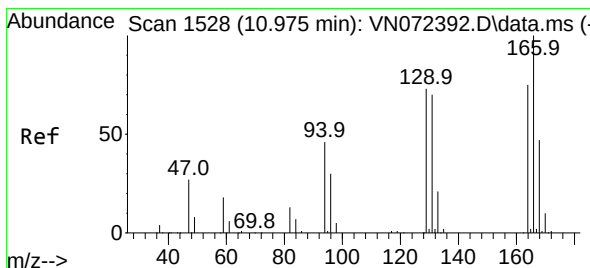
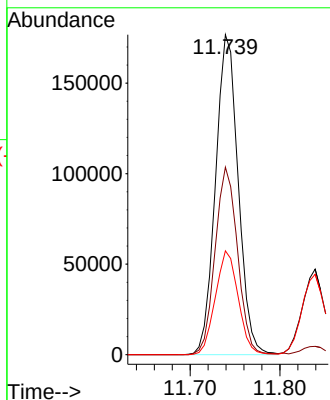
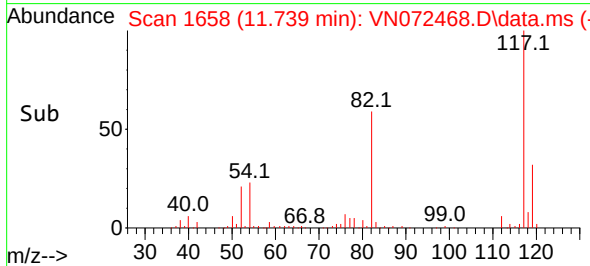
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



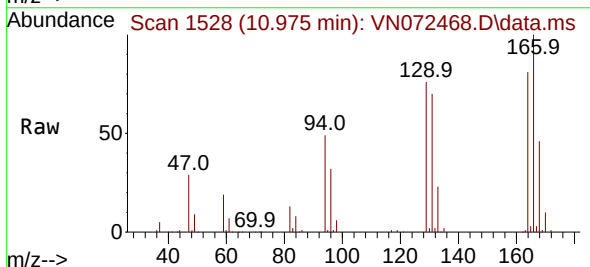
Tgt Ion:117 Resp: 31070
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 32.5 25.4 38.0

Manual Integrations
APPROVED

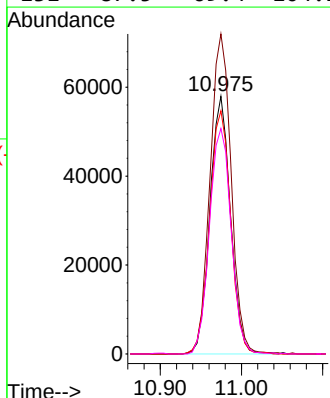
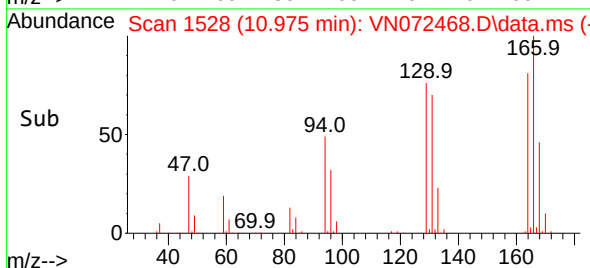
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

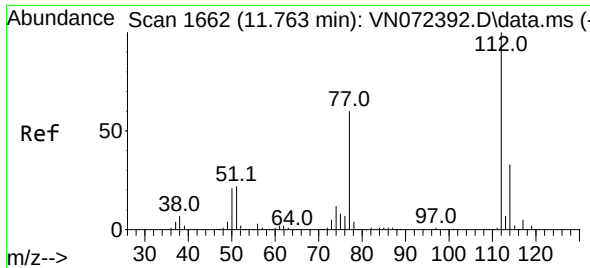


#64
Tetrachloroethene
Concen: 45.695 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



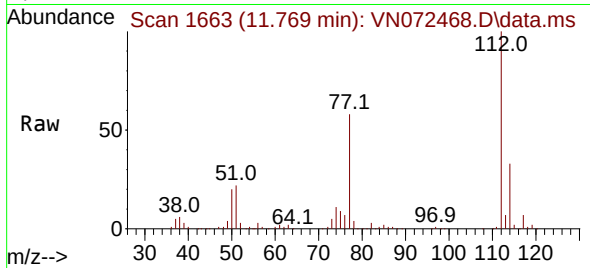
Tgt Ion:164 Resp: 102195
Ion Ratio Lower Upper
164 100
166 124.2 104.2 156.2
129 94.4 73.9 110.9
131 87.5 69.4 104.2





#65
Chlorobenzene
Concen: 49.060 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

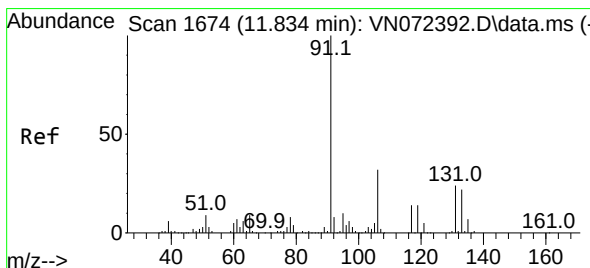
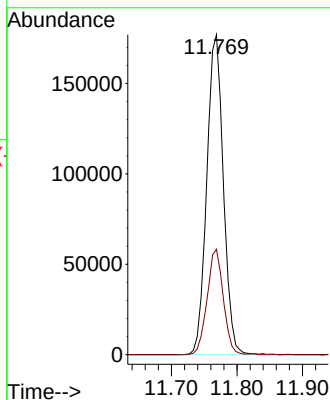
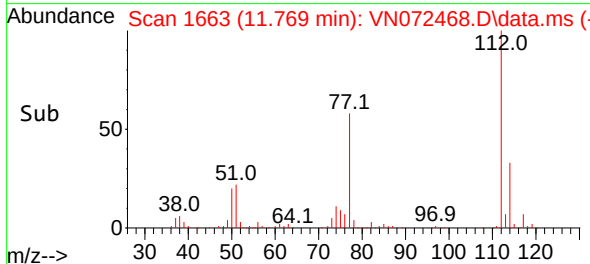
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 31143
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2

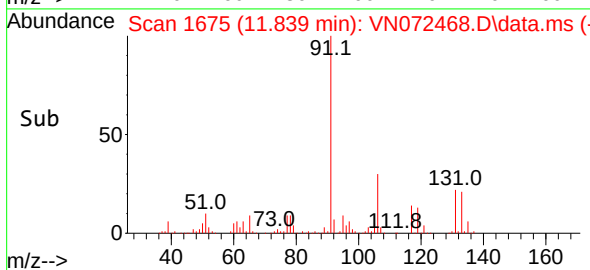
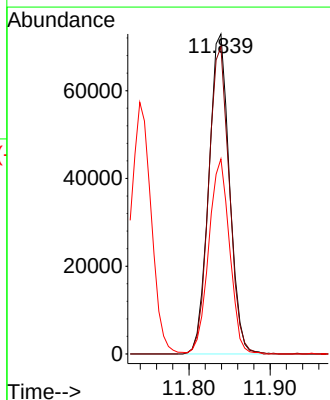
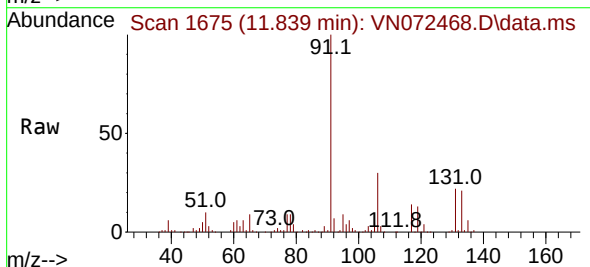
Manual Integrations
APPROVED

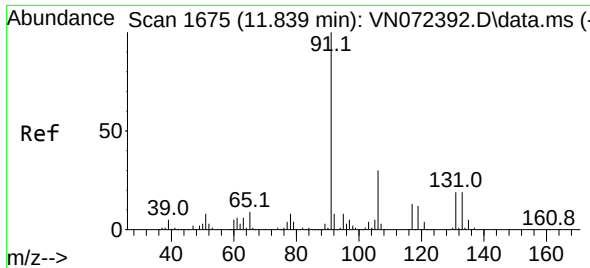
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.769 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.005 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

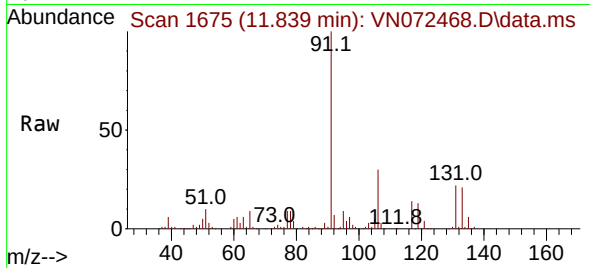
Tgt Ion:131 Resp: 128993
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 61.3 33.4 100.2





#67
Ethyl Benzene
Concen: 52.546 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

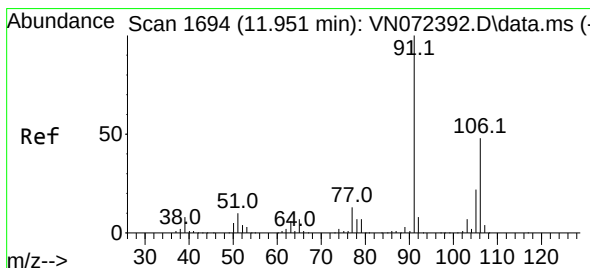
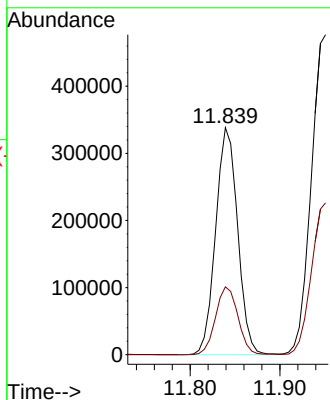
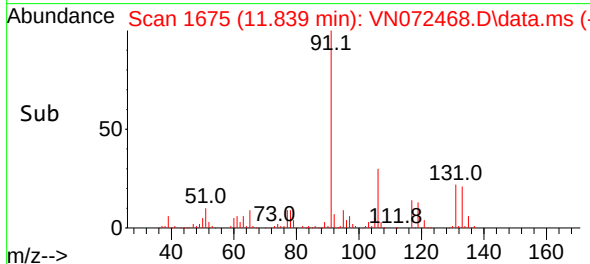
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



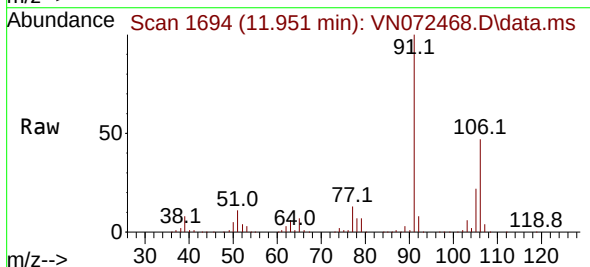
Tgt Ion: 91 Resp: 575520
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

Manual Integrations
APPROVED

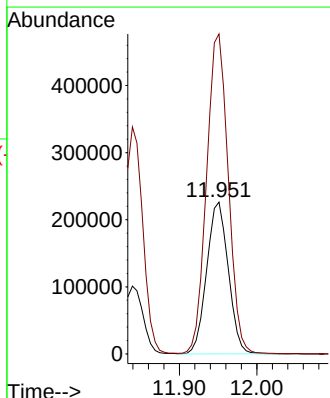
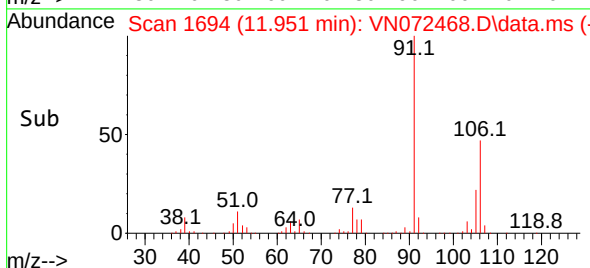
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

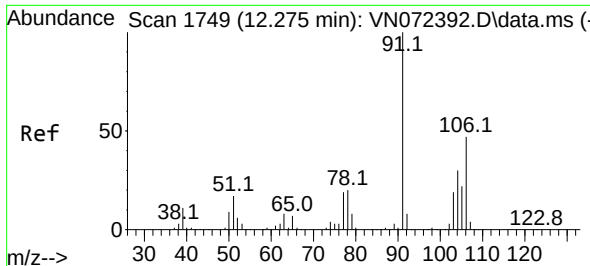


#68
m/p-Xylenes
Concen: 105.421 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



Tgt Ion:106 Resp: 437917
Ion Ratio Lower Upper
106 100
91 211.5 158.9 238.3





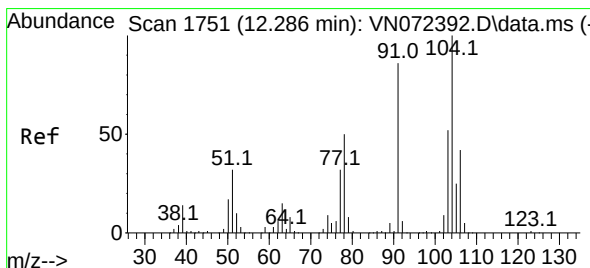
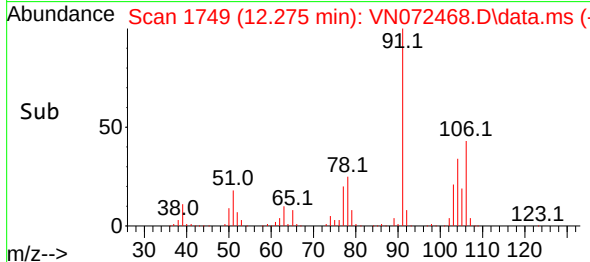
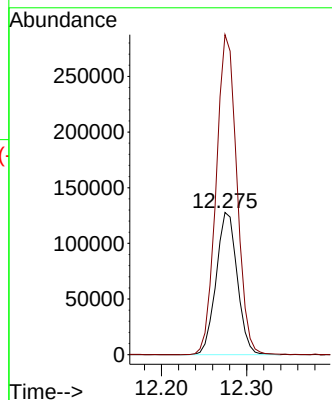
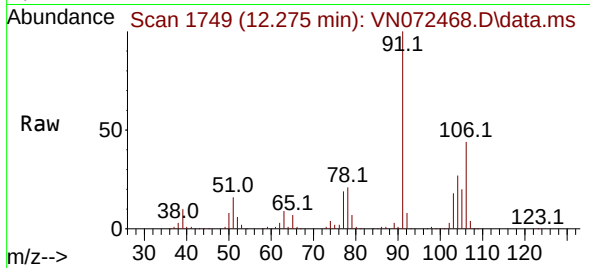
#69
o-Xylene
Concen: 53.937 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 220139
Ion Ratio Lower Upper
106 100
91 220.6 106.0 318.0

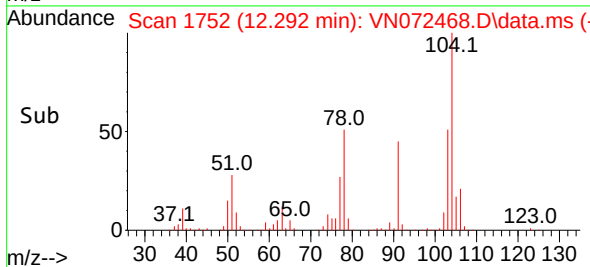
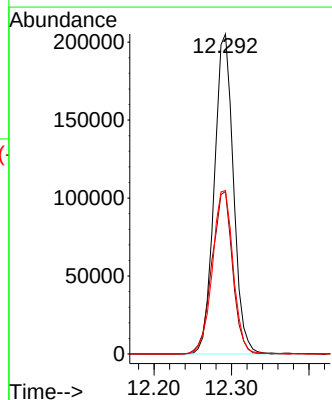
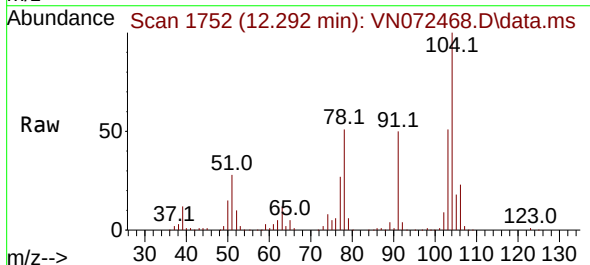
Manual Integrations
APPROVED

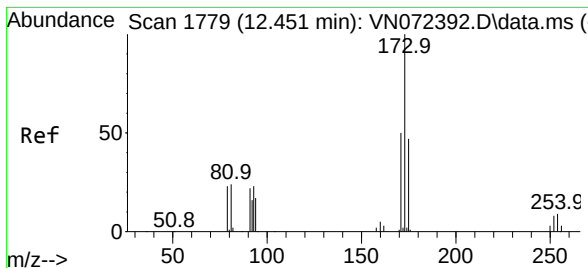
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 56.507 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

Tgt Ion:104 Resp: 352822
Ion Ratio Lower Upper
104 100
78 54.7 39.5 59.3
103 55.4 44.0 66.0





#71

Bromoform

Concen: 56.756 ug/l

RT: 12.451 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 106374

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.6

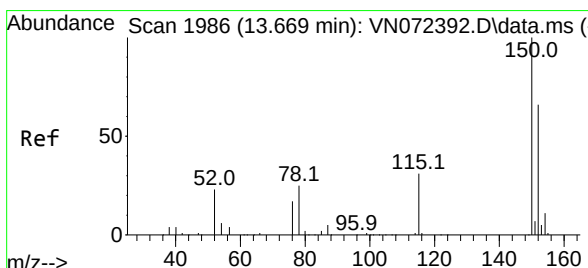
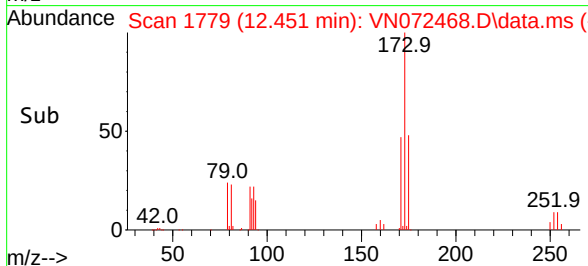
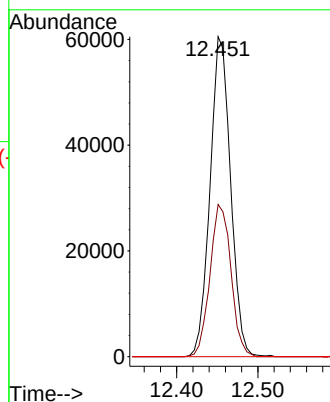
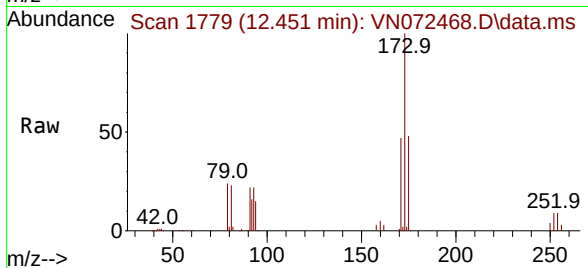
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

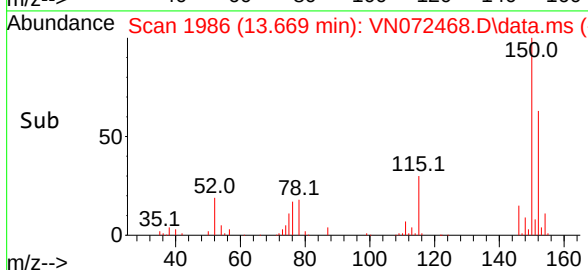
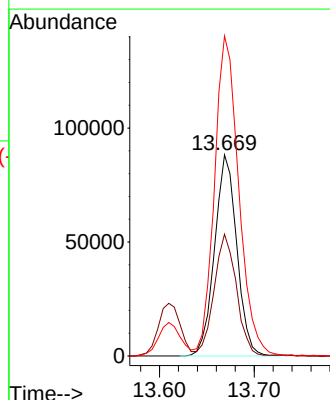
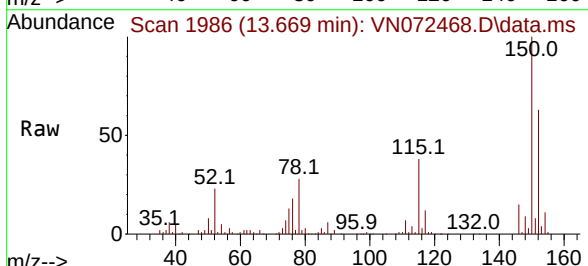
Tgt Ion:152 Resp: 144147

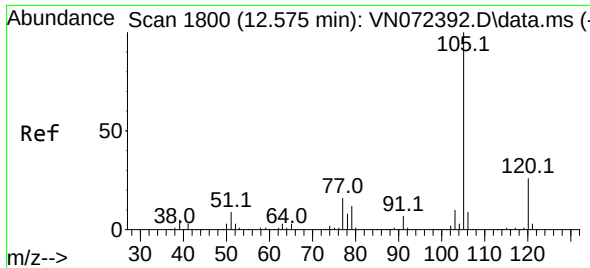
Ion Ratio Lower Upper

152 100

115 61.3 28.9 86.7

150 174.2 0.0 356.2





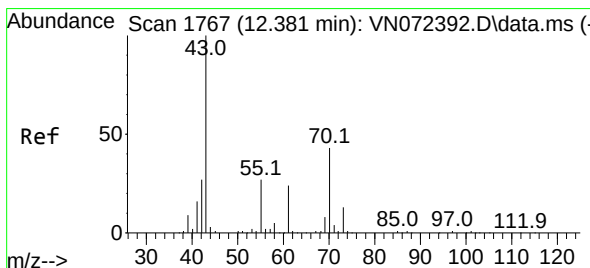
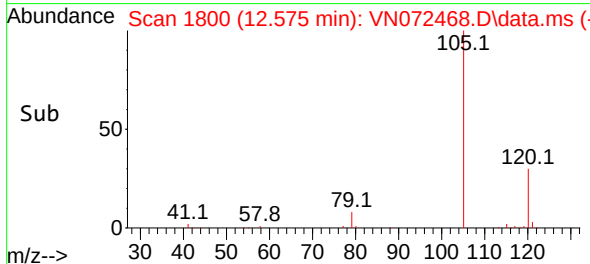
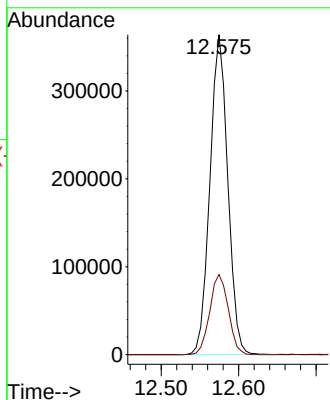
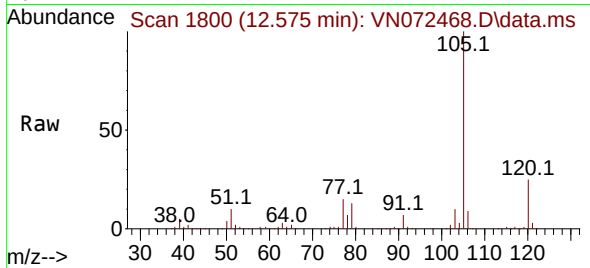
#73
Isopropylbenzene
Concen: 48.822 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 58300
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

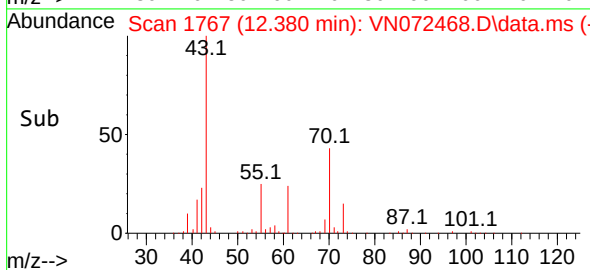
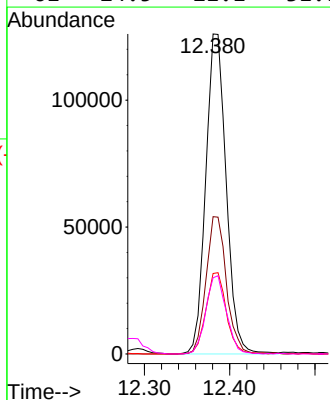
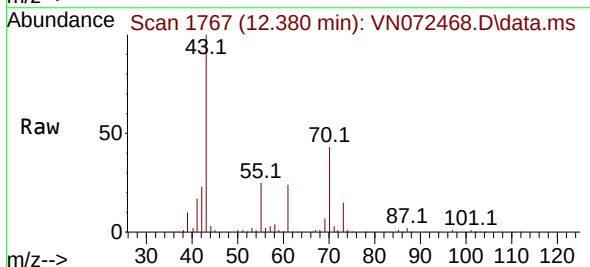
Manual Integrations
APPROVED

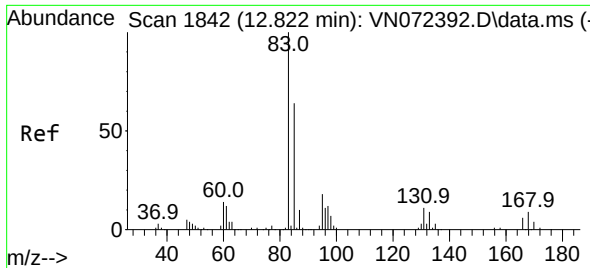
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#74
N-ethyl acetate
Concen: 49.834 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.001 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

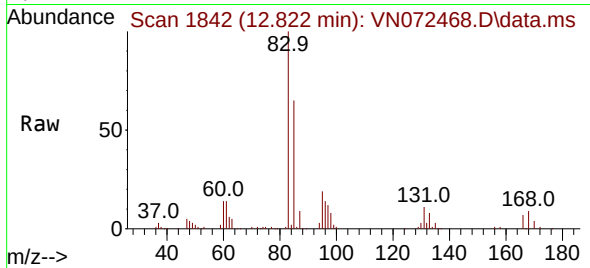
Tgt Ion: 43 Resp: 210346
Ion Ratio Lower Upper
43 100
70 43.0 39.0 58.4
55 25.3 21.1 31.7
61 24.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 41.887 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

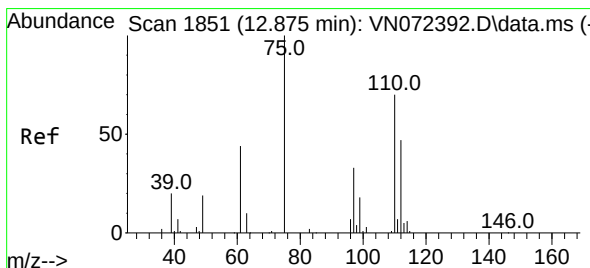
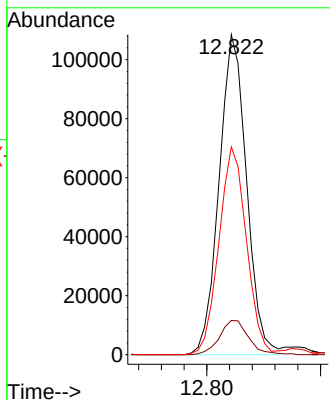
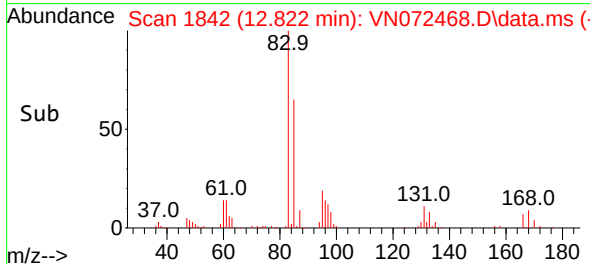
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 18159
Ion Ratio Lower Upper
83 100
131 11.4 5.3 15.9
85 65.3 32.3 96.9

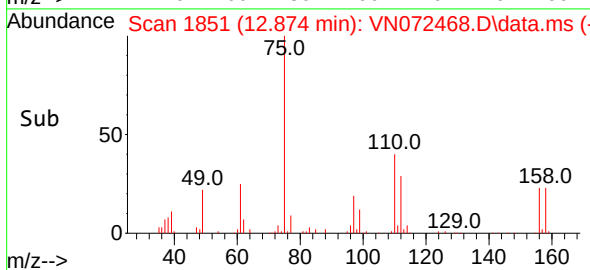
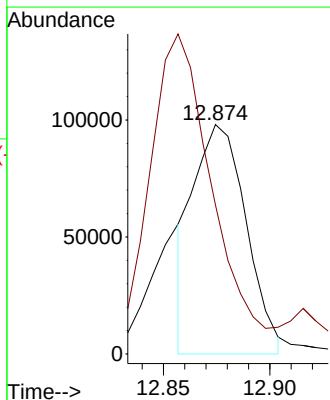
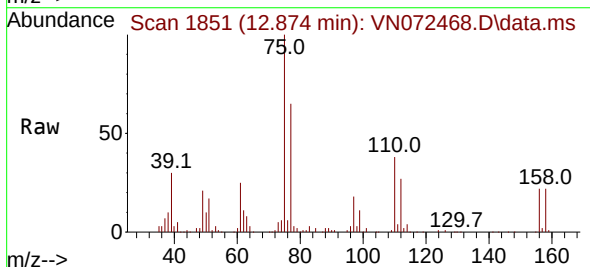
Manual Integrations
APPROVED

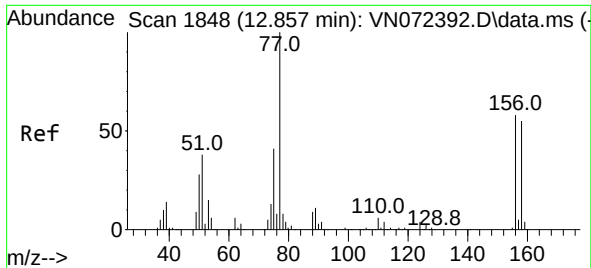
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#76
1,2,3-Trichloropropane
Concen: 45.006 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

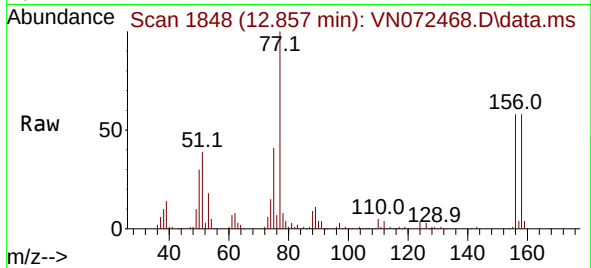
Tgt Ion: 75 Resp: 169208
Ion Ratio Lower Upper
75 100
77 165.6 98.5 295.5





#77
Bromobenzene
Concen: 47.677 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

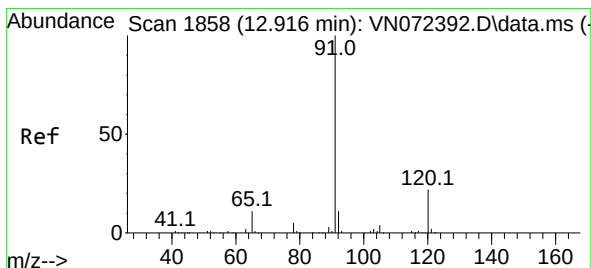
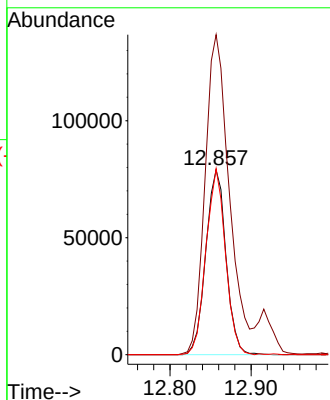
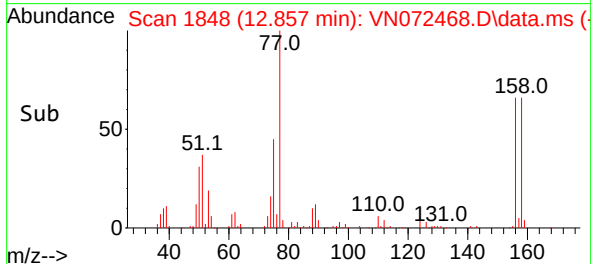
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



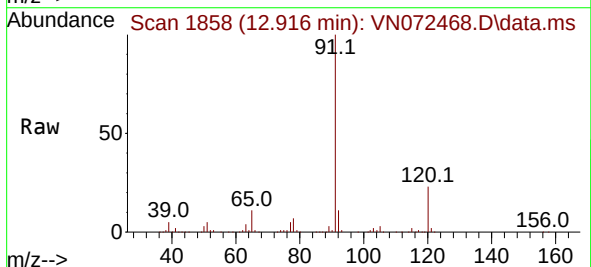
Tgt Ion:156 Resp: 13621
Ion Ratio Lower Upper
156 100
77 205.7 100.5 301.5
158 97.5 48.9 146.6

Manual Integrations
APPROVED

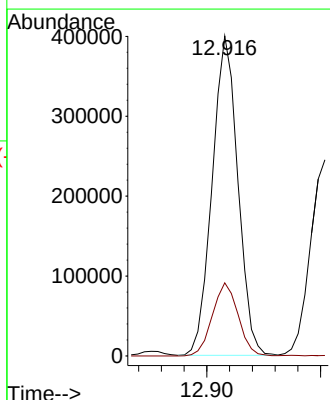
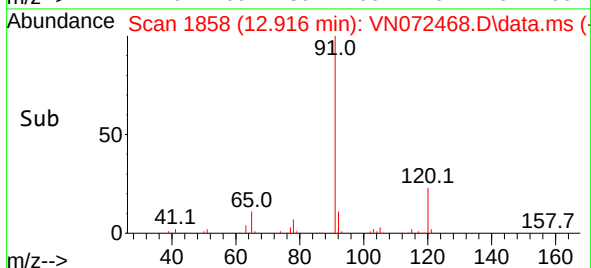
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

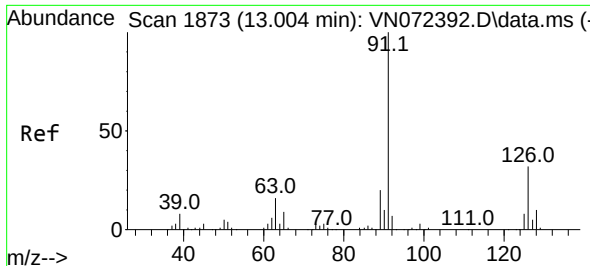


#78
n-propylbenzene
Concen: 49.141 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



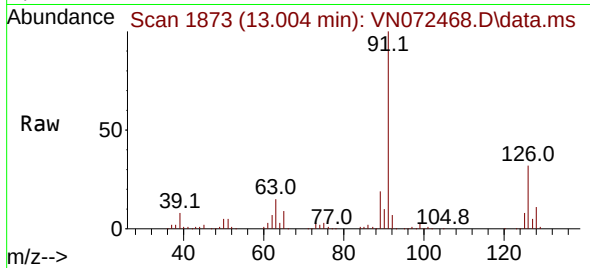
Tgt Ion: 91 Resp: 627929
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 47.998 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

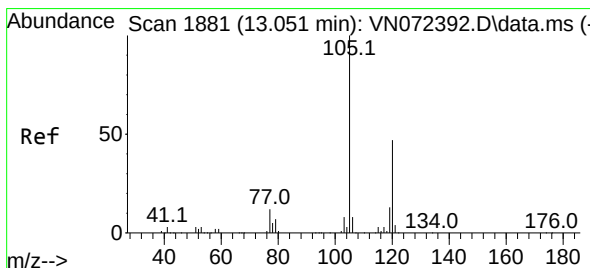
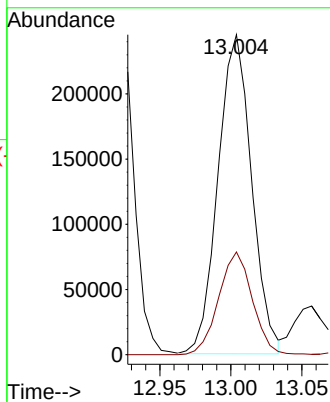
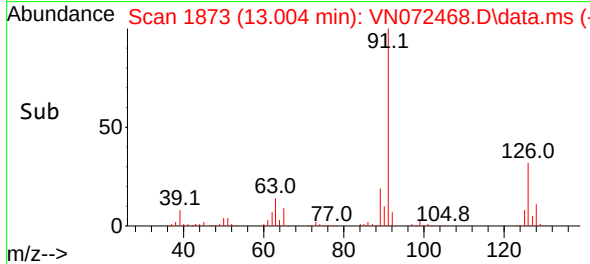
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



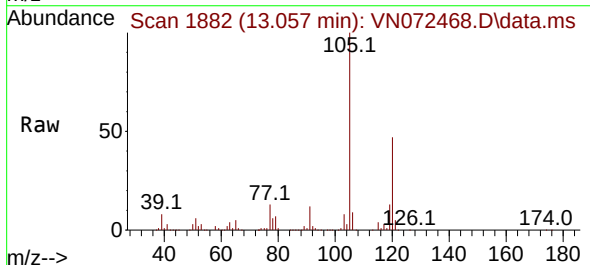
Tgt Ion: 91 Resp: 402924
Ion Ratio Lower Upper
91 100
126 32.3 17.3 51.9

Manual Integrations
APPROVED

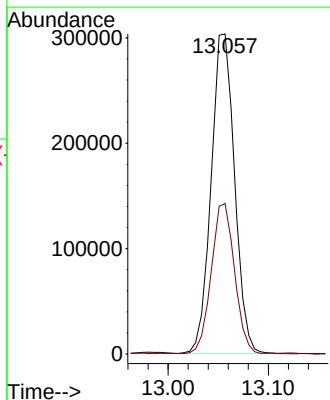
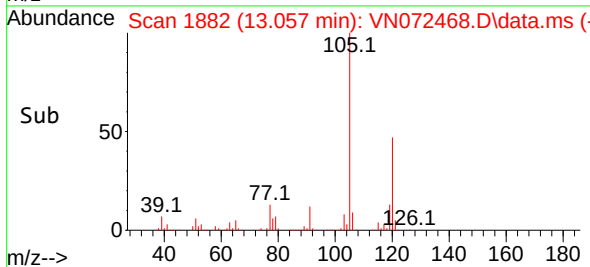
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

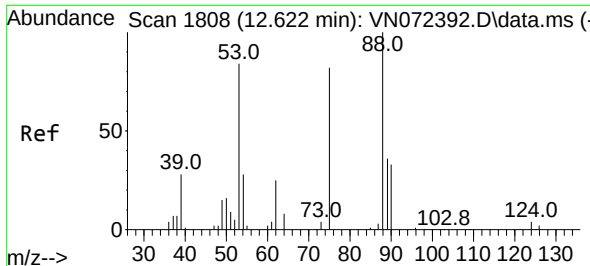


#80
1,3,5-Trimethylbenzene
Concen: 50.339 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



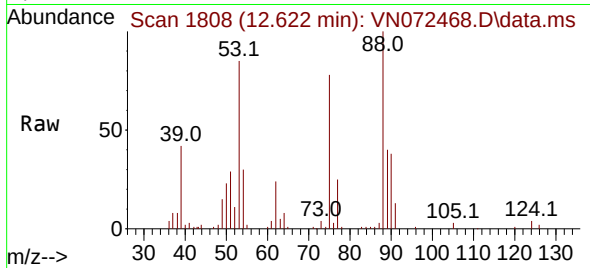
Tgt Ion:105 Resp: 492321
Ion Ratio Lower Upper
105 100
120 46.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 45.818 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

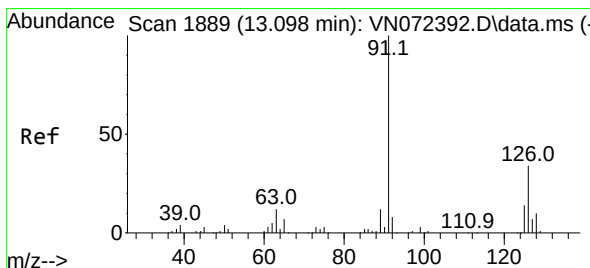
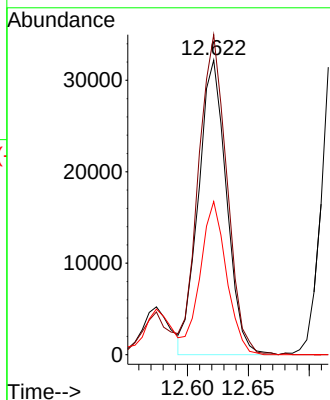
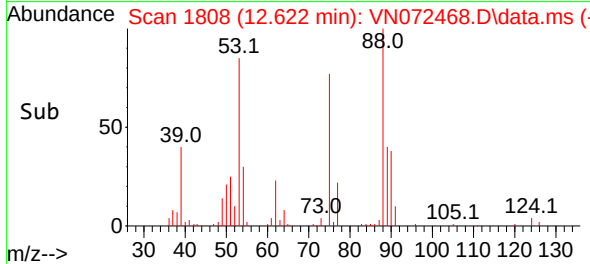
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 51630
Ion Ratio Lower Upper
75 100
53 109.8 78.0 117.0
89 49.1 37.2 55.8

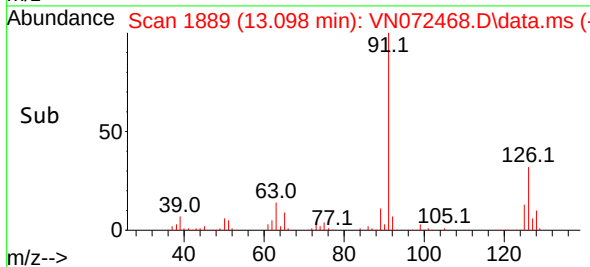
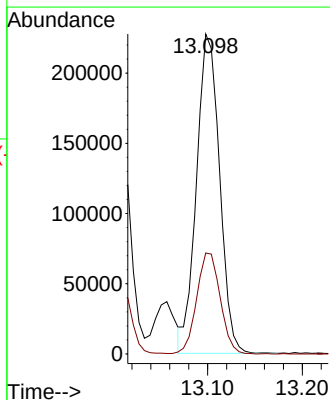
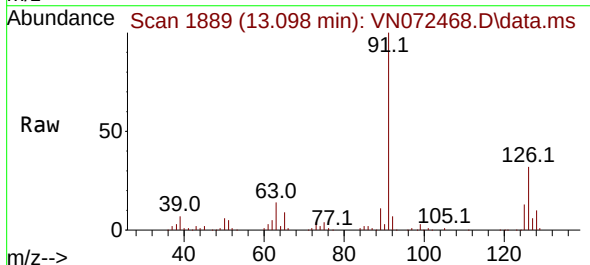
Manual Integrations
APPROVED

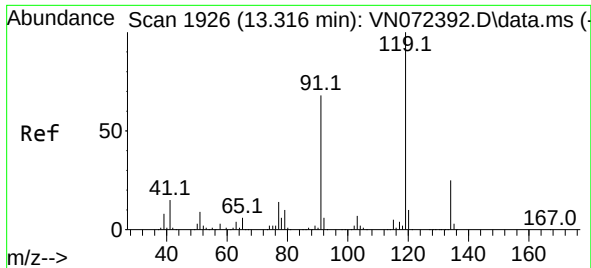
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 48.359 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

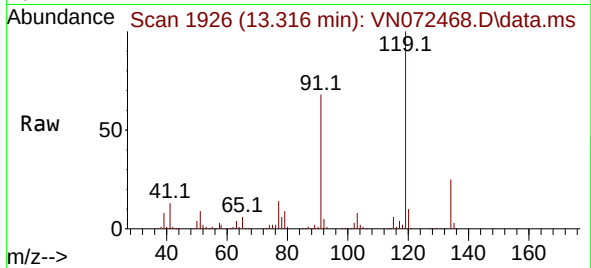
Tgt Ion: 91 Resp: 384721
Ion Ratio Lower Upper
91 100
126 32.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.151 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

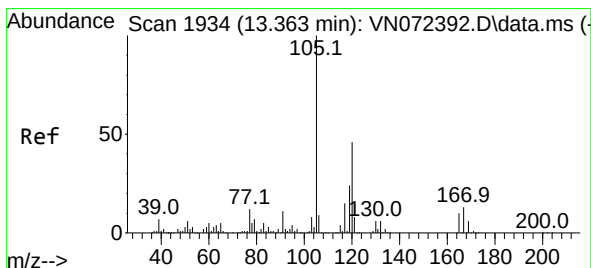
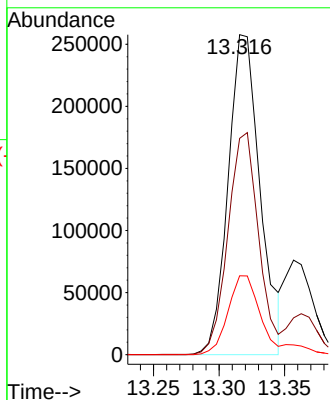
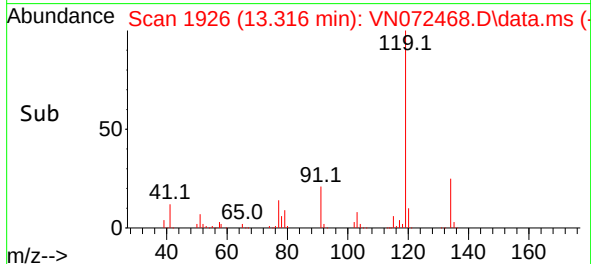
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



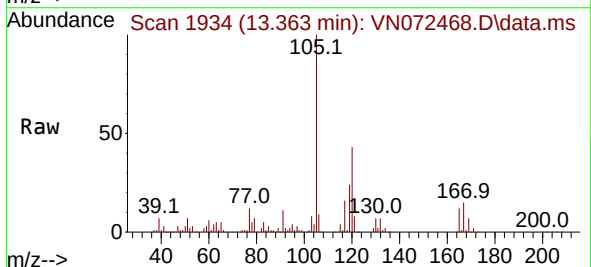
Tgt Ion:119 Resp: 437945
Ion Ratio Lower Upper
119 100
91 66.6 31.6 94.8
134 26.8 13.7 41.1

Manual Integrations
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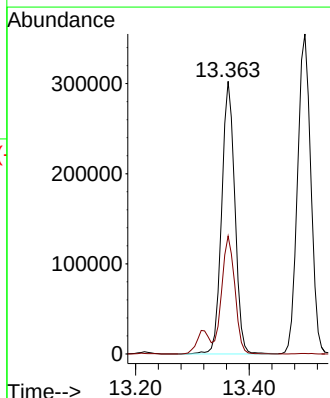
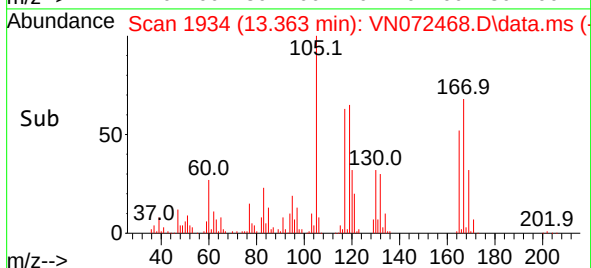
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

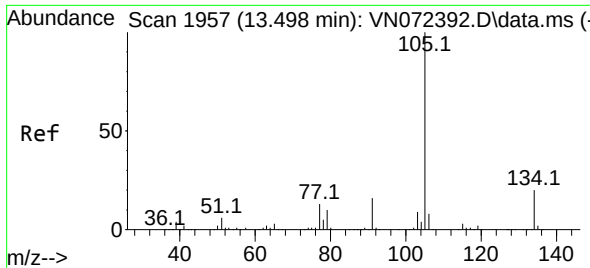


#84
1,2,4-Trimethylbenzene
Concen: 51.313 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



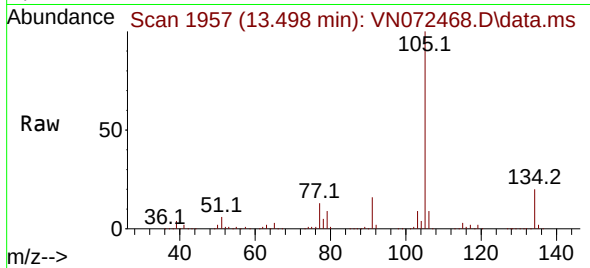
Tgt Ion:105 Resp: 488188
Ion Ratio Lower Upper
105 100
120 43.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 50.326 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072468.D
 Acq: 12 May 2022 21:22

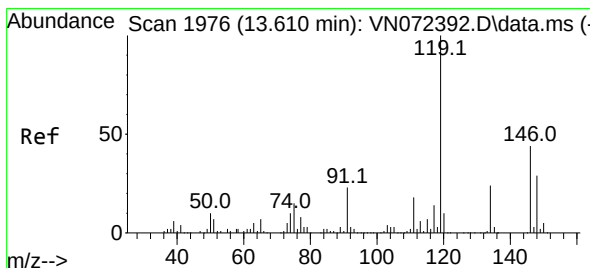
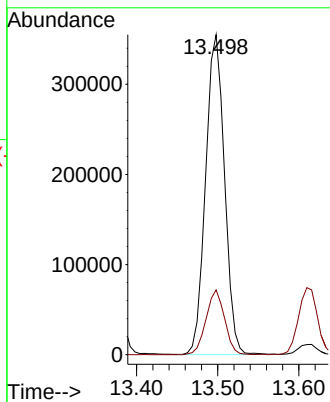
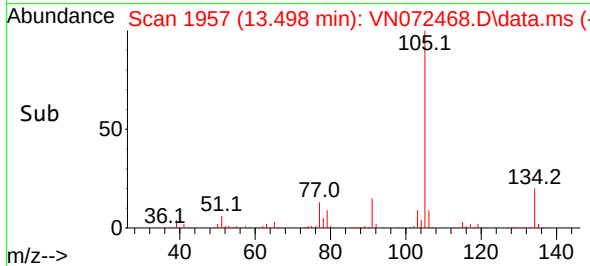
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



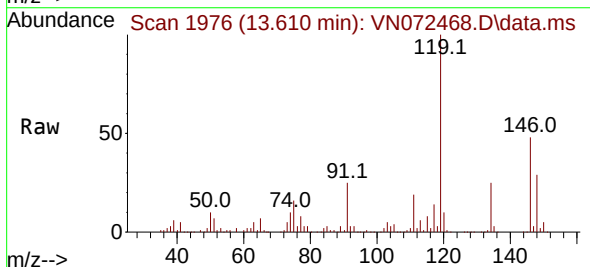
Tgt Ion:105 Resp: 57465
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

Manual Integrations
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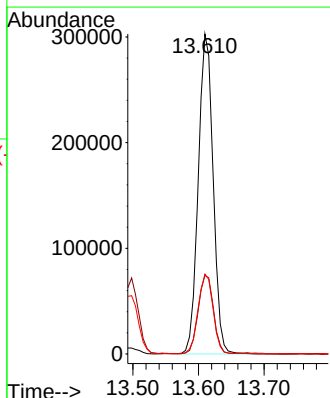
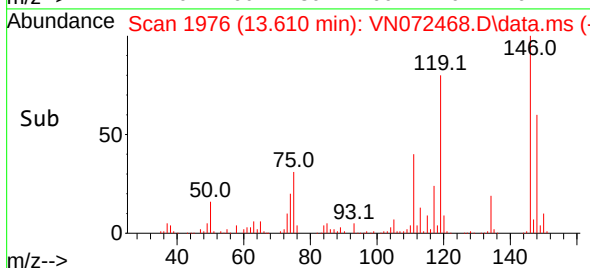
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

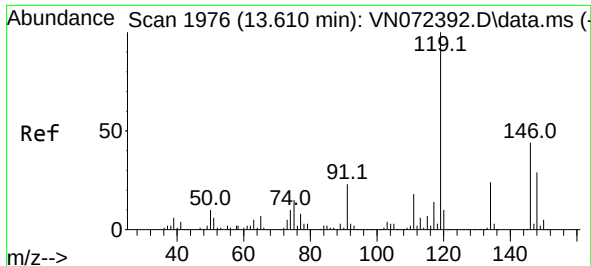


#86
 p-Isopropyltoluene
 Concen: 53.900 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072468.D
 Acq: 12 May 2022 21:22



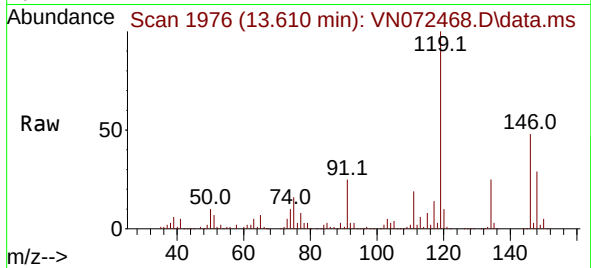
Tgt Ion:119 Resp: 479410
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.8
 91 24.9 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 48.455 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072468.D
 Acq: 12 May 2022 21:22

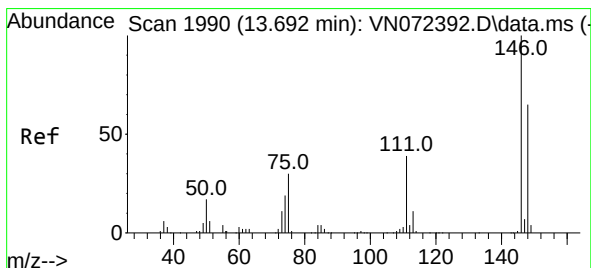
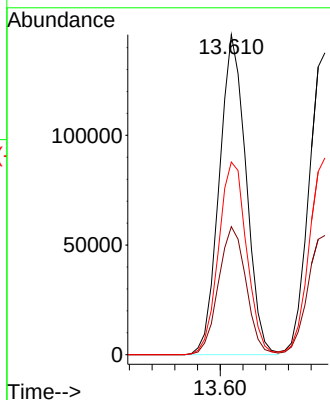
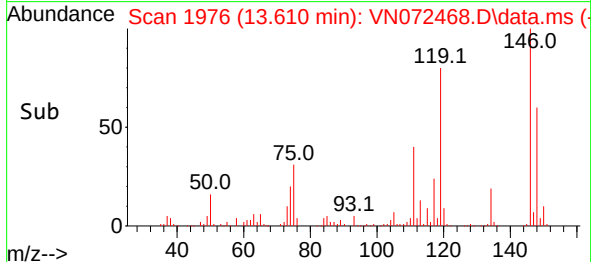
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



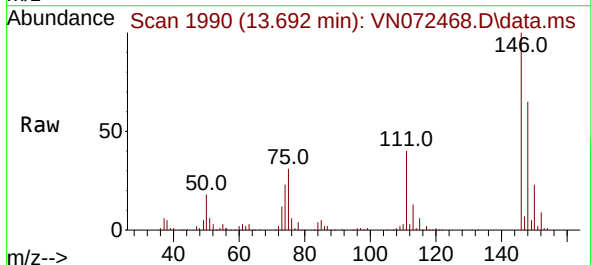
Tgt Ion:146 Resp: 23874
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.0 60.0
 148 63.3 32.0 96.0

Manual Integrations
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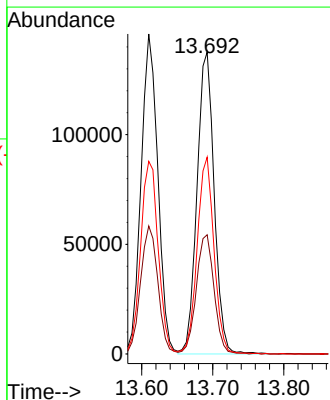
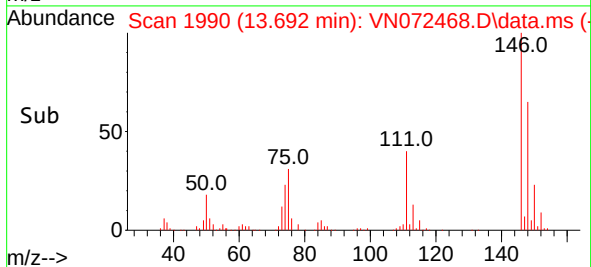
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

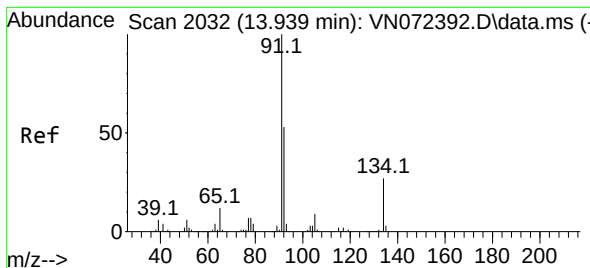


#88
 1,4-Dichlorobenzene
 Concen: 47.313 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN072468.D
 Acq: 12 May 2022 21:22



Tgt Ion:146 Resp: 231912
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.1 57.1
 148 63.8 31.4 94.3





#89

n-Butylbenzene

Concen: 51.610 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

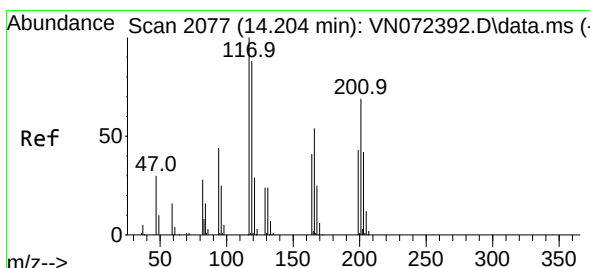
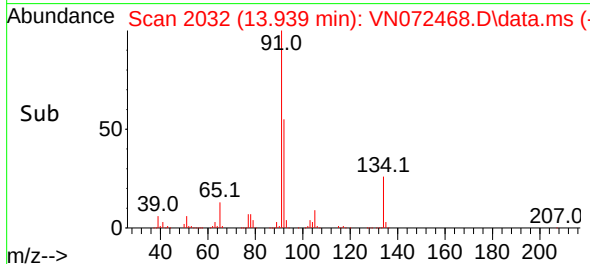
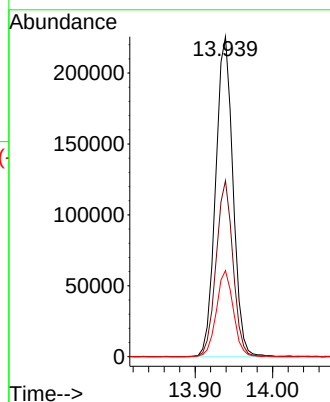
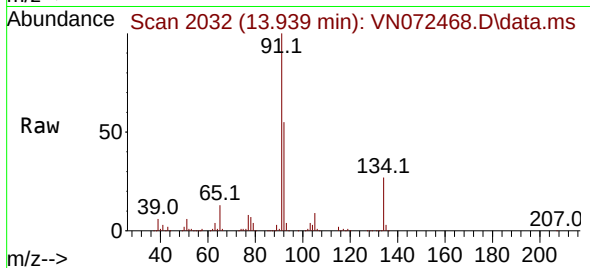
Tgt Ion: 91 Resp: 350890
 Ion Ratio Lower Upper
 91 100
 92 53.7 26.9 80.7
 134 26.4 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#90

Hexachloroethane

Concen: 49.744 ug/l

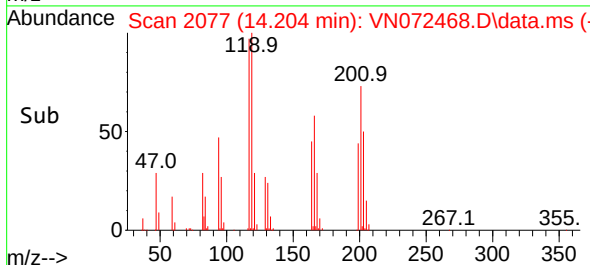
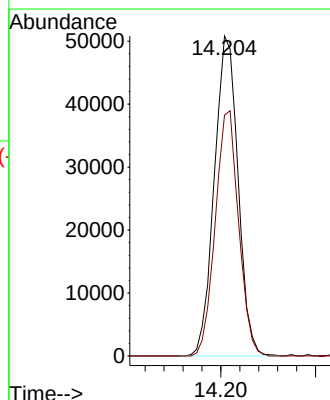
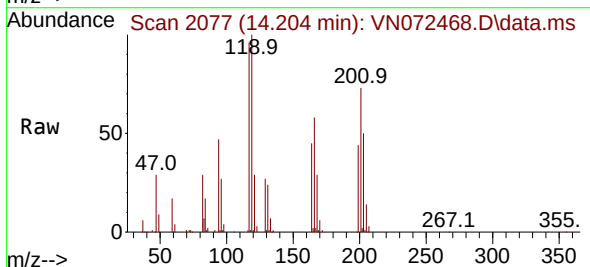
RT: 14.204 min Scan# 2077

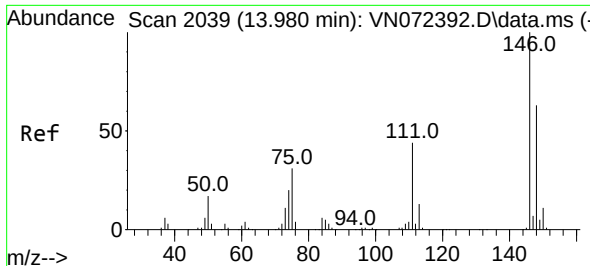
Delta R.T. -0.000 min

Lab File: VN072468.D

Acq: 12 May 2022 21:22

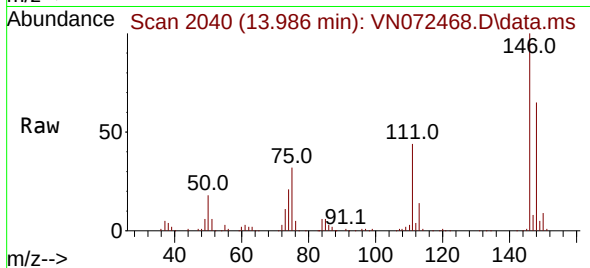
Tgt Ion:117 Resp: 88415
 Ion Ratio Lower Upper
 117 100
 201 75.4 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 48.256 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

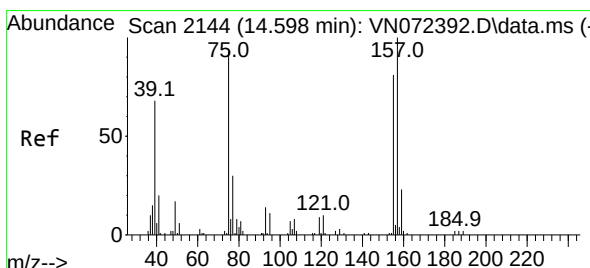
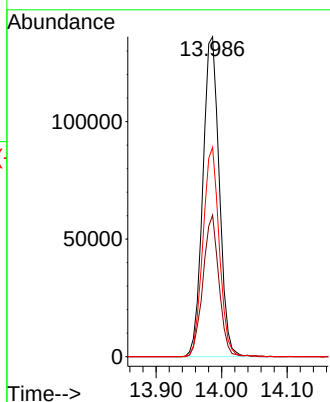
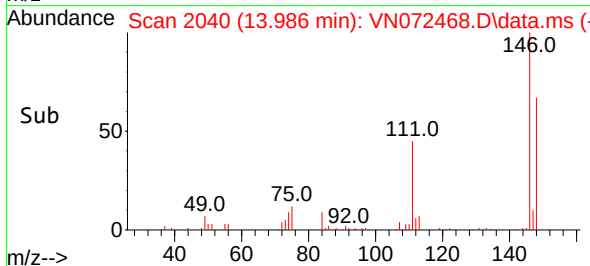
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 237468
Ion Ratio Lower Upper
146 100
111 43.0 20.9 62.8
148 65.2 32.1 96.3

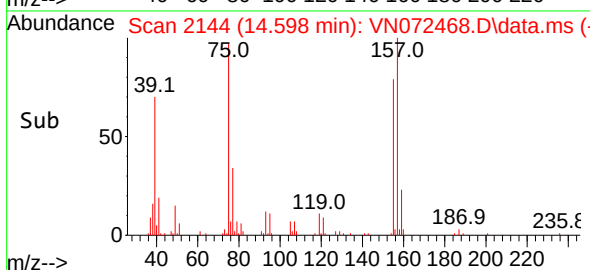
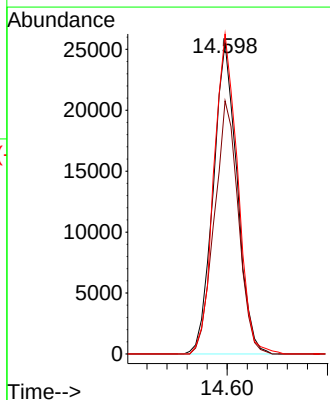
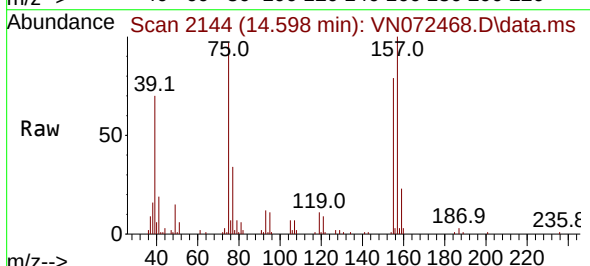
Manual Integrations
APPROVED

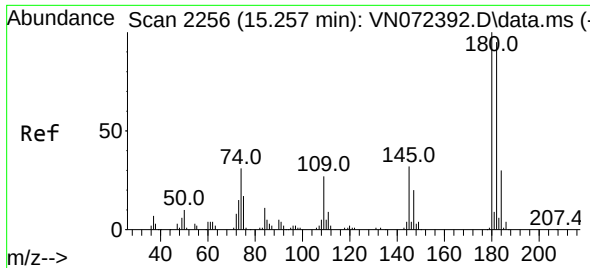
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.926 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

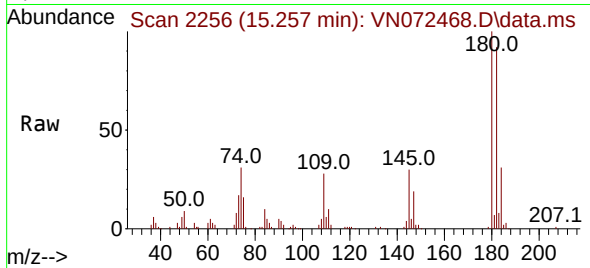
Tgt Ion: 75 Resp: 42160
Ion Ratio Lower Upper
75 100
155 81.7 44.9 134.5
157 102.5 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 58.392 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

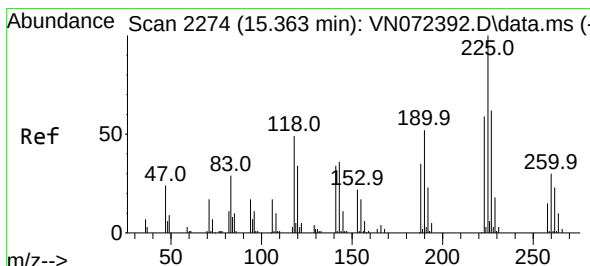
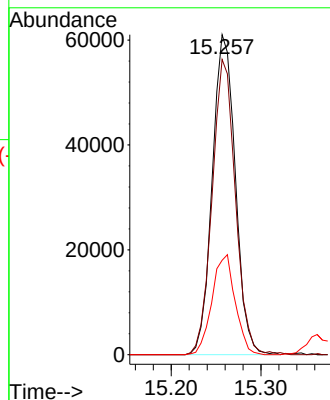
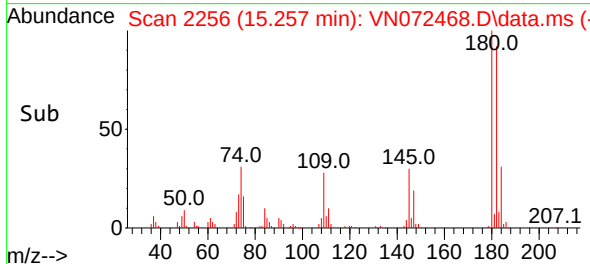
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



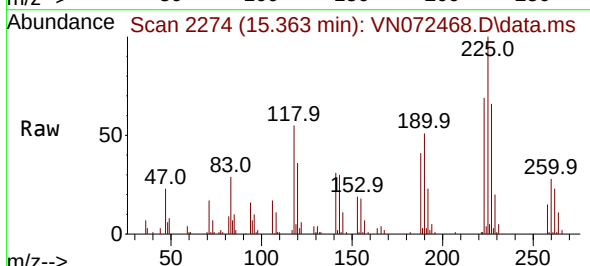
Tgt Ion:180 Resp: 108849
Ion Ratio Lower Upper
180 100
182 93.1 47.5 142.5
145 31.4 14.5 43.5

Manual Integrations
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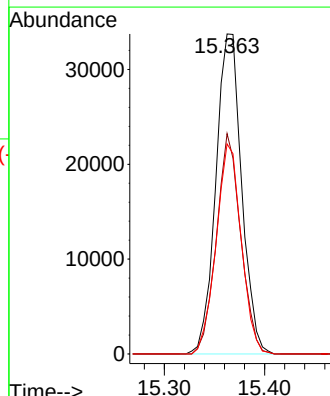
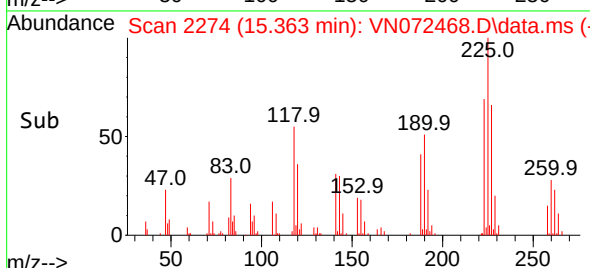
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

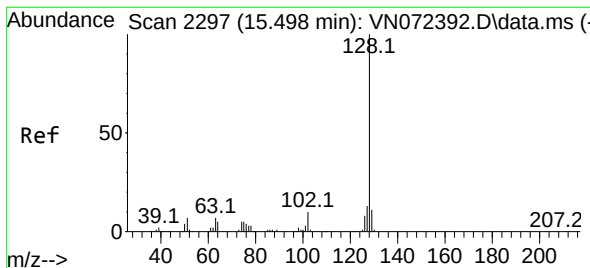


#94
Hexachlorobutadiene
Concen: 48.810 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22



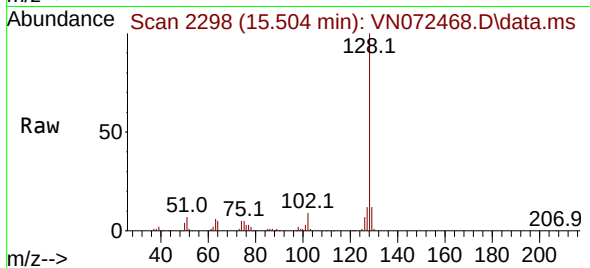
Tgt Ion:225 Resp: 60244
Ion Ratio Lower Upper
225 100
223 64.7 32.4 97.2
227 63.8 31.8 95.4





#95
Naphthalene
Concen: 51.071 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

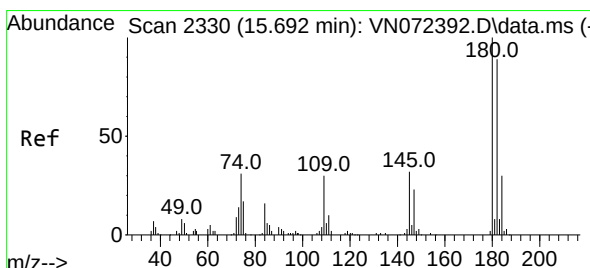
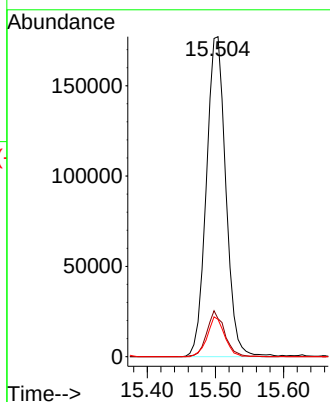
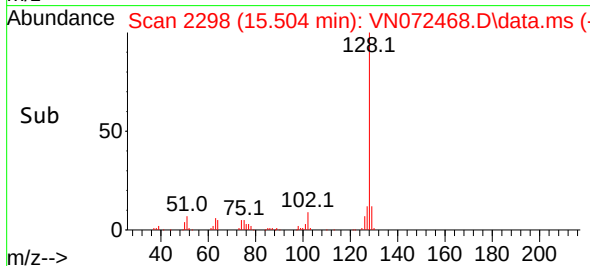
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 352349
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 59.792 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072468.D
Acq: 12 May 2022 21:22

Tgt Ion:180 Resp: 111697
Ion Ratio Lower Upper
180 100
182 92.8 47.8 143.3
145 32.8 15.5 46.5

