

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072094.D
 Acq On : 20 Apr 2022 22:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 21 03:37:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	512953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	798896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	735597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	302850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	284152	48.524	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.040%		
35) Dibromofluoromethane	8.016	113	251670	53.535	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.060%		
50) Toluene-d8	10.439	98	973208	50.607	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.220%		
62) 4-Bromofluorobenzene	12.727	95	338325	54.397	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	254763	62.472	ug/l	96
3) Chloromethane	2.298	50	284077	54.973	ug/l	100
4) Vinyl Chloride	2.440	62	280910	49.501	ug/l	97
5) Bromomethane	2.822	94	164571	44.611	ug/l	98
6) Chloroethane	2.993	64	193442	47.384	ug/l	99
7) Trichlorofluoromethane	3.363	101	390252	54.052	ug/l	97
8) Diethyl Ether	3.822	74	172098	56.402	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.204	101	235914	53.023	ug/l	99
10) Methyl Iodide	4.416	142	345015	55.473	ug/l	100
11) Tert butyl alcohol	5.369	59	293213	308.540	ug/l	98
12) 1,1-Dichloroethene	4.175	96	230090	54.344	ug/l	93
13) Acrolein	4.040	56	205128	177.028	ug/l	96
14) Allyl chloride	4.834	41	359455	52.307	ug/l	94
15) Acrylonitrile	5.551	53	801465	290.146	ug/l	98
16) Acetone	4.281	43	602467	240.734	ug/l	93
17) Carbon Disulfide	4.528	76	545049	56.107	ug/l	100
18) Methyl Acetate	4.851	43	341513	55.266	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	857336	54.506	ug/l	98
20) Methylene Chloride	5.092	84	279998	53.081	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	244156	52.530	ug/l	98
22) Diisopropyl ether	6.492	45	793726	53.055	ug/l	95
23) Vinyl Acetate	6.428	43	3383603	284.413	ug/l	99
24) 1,1-Dichloroethane	6.386	63	472442	53.793	ug/l	99
25) 2-Butanone	7.328	43	1002242	277.795	ug/l	98
26) 2,2-Dichloropropane	7.322	77	355578	47.129	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	309717	54.340	ug/l	96
28) Bromochloromethane	7.651	49	173340	48.927	ug/l	96
29) Tetrahydrofuran	7.680	42	654943	280.355	ug/l	97
30) Chloroform	7.816	83	486962	52.511	ug/l	99
31) Cyclohexane	8.092	56	417158	52.382	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	419585	52.888	ug/l	98
36) 1,1-Dichloropropene	8.216	75	349564	53.248	ug/l	99
37) Ethyl Acetate	7.410	43	404741	56.328	ug/l	98
38) Carbon Tetrachloride	8.204	117	347953	54.081	ug/l	97
39) Methylcyclohexane	9.457	83	442773	56.660	ug/l	99
40) Benzene	8.457	78	1130110	54.495	ug/l	98

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	203282	57.779	ug/l	96
42) 1,2-Dichloroethane	8.527	62	363976	50.737	ug/l	98
43) Isopropyl Acetate	8.557	43	631981	52.878	ug/l	98
44) Trichloroethene	9.216	130	292303	54.711	ug/l	97
45) 1,2-Dichloropropane	9.486	63	281458	54.328	ug/l	98
46) Dibromomethane	9.574	93	188008	53.449	ug/l	95
47) Bromodichloromethane	9.757	83	379927	54.870	ug/l	98
48) Methyl methacrylate	9.557	41	284348	57.346	ug/l	93
49) 1,4-Dioxane	9.563	88	131341	1118.151	ug/l	96
51) 4-Methyl-2-Pentanone	10.327	43	2004889	291.769	ug/l	97
52) Toluene	10.504	92	738550	56.339	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	410947	56.628	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	451932	56.363	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	296947	55.040	ug/l	99
56) Ethyl methacrylate	10.757	69	473743	61.553	ug/l	93
57) 1,3-Dichloropropane	11.039	76	491891	54.530	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	652489	273.649	ug/l	100
59) 2-Hexanone	11.080	43	1440415	297.737	ug/l	95
60) Dibromochloromethane	11.233	129	310040	58.936	ug/l	99
61) 1,2-Dibromoethane	11.345	107	301217	56.718	ug/l	98
64) Tetrachloroethene	10.974	164	253197	52.126	ug/l	97
65) Chlorobenzene	11.768	112	791551	53.740	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	290959	54.743	ug/l	99
67) Ethyl Benzene	11.839	91	1399111	56.111	ug/l	100
68) m/p-Xylenes	11.951	106	1076116	112.324	ug/l	100
69) o-Xylene	12.274	106	537023	56.474	ug/l	100
70) Styrene	12.292	104	874850	60.720	ug/l	99
71) Bromoform	12.451	173	240182	59.341	ug/l #	99
73) Isopropylbenzene	12.574	105	1381703	54.141	ug/l	99
74) N-amyl acetate	12.380	43	427789	58.504	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	435815	51.182	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	382048m	54.456	ug/l	
77) Bromobenzene	12.857	156	333172	52.078	ug/l	97
78) n-propylbenzene	12.915	91	1490879	55.536	ug/l	100
79) 2-Chlorotoluene	13.004	91	924378	53.693	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1130817	55.925	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	127198	56.185	ug/l	95
82) 4-Chlorotoluene	13.098	91	866481	54.298	ug/l	100
83) tert-Butylbenzene	13.321	119	1020612	55.218	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1124337	56.990	ug/l	99
85) sec-Butylbenzene	13.498	105	1349360	56.317	ug/l	100
86) p-Isopropyltoluene	13.610	119	1096853	57.413	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	539814	52.964	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	516989	51.993	ug/l	99
89) n-Butylbenzene	13.939	91	798210	56.333	ug/l	100
90) Hexachloroethane	14.204	117	190267	54.406	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	521419	52.111	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	71978	54.497	ug/l	93
93) 1,2,4-Trichlorobenzene	15.262	180	263045	54.385	ug/l	100
94) Hexachlorobutadiene	15.362	225	149710	50.731	ug/l	98
95) Naphthalene	15.498	128	792051	56.867	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	260944	55.604	ug/l	99

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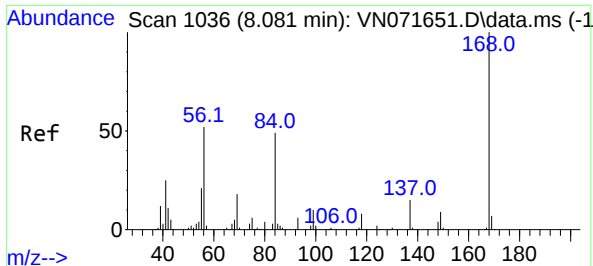
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 03:37:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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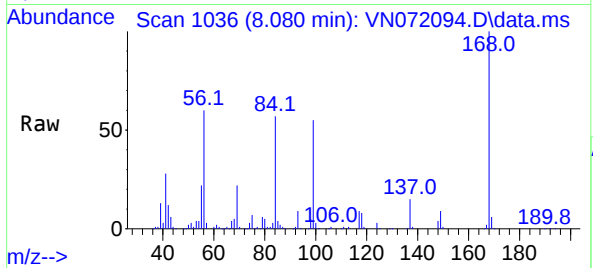
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

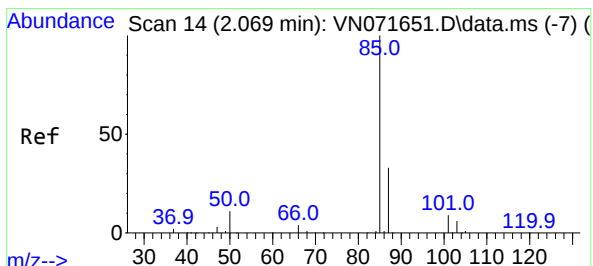
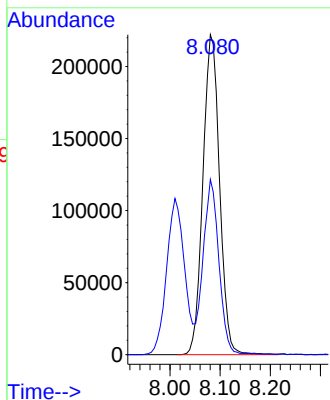
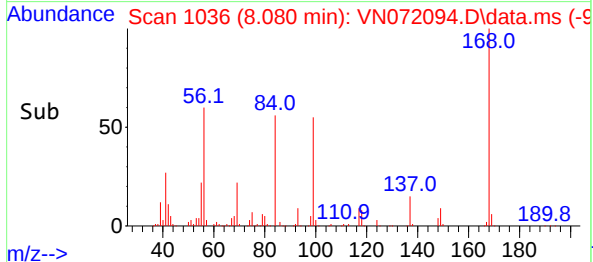
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



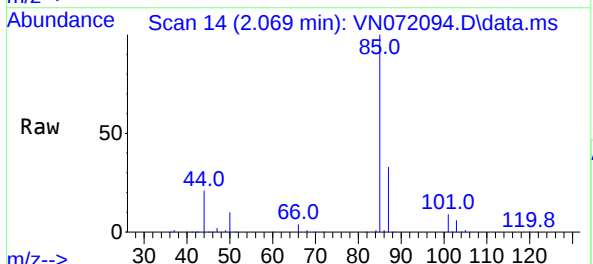
Tgt Ion:168 Resp: 51295
Ion Ratio Lower Upper
168 100
99 54.6 42.3 63.5

Manual Integrations
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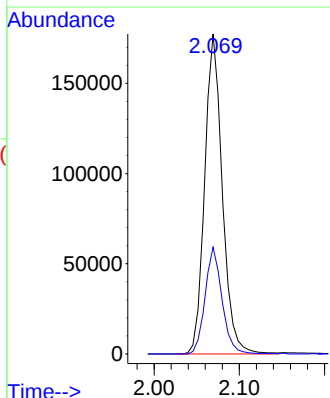
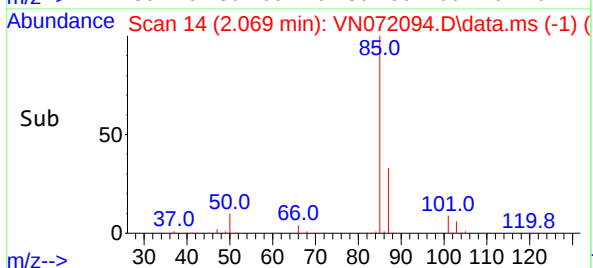
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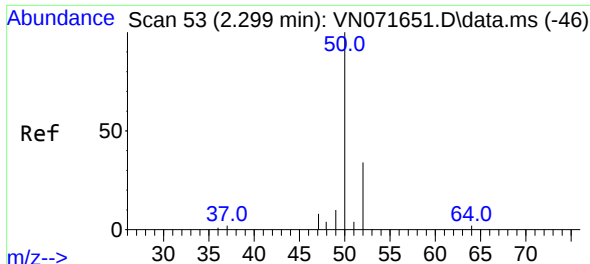


#2
Dichlorodifluoromethane
Concen: 62.472 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



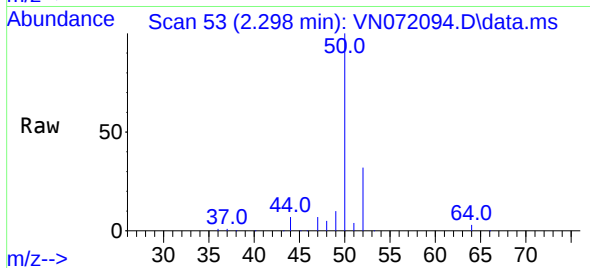
Tgt Ion: 85 Resp: 254763
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.1





#3
Chloromethane
Concen: 54.973 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

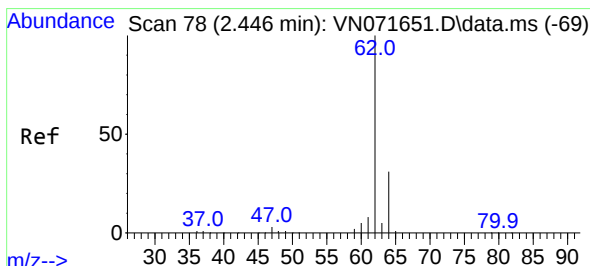
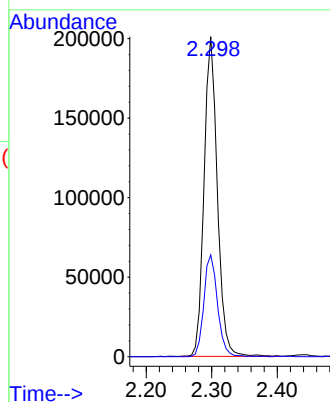
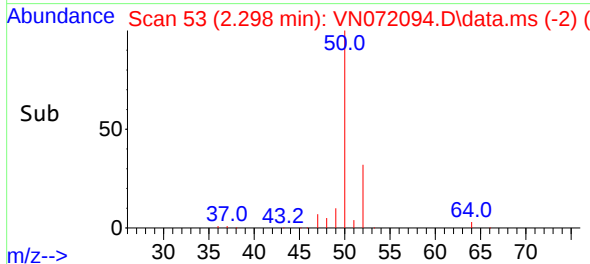
Instrument :
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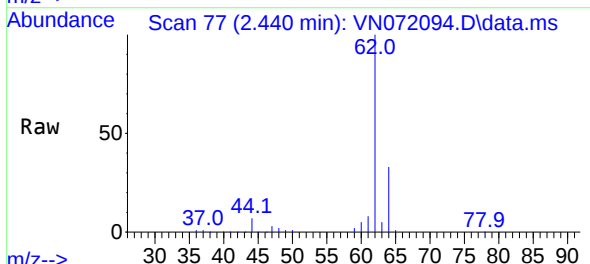
Tgt Ion: 50 Resp: 28407
Ion Ratio Lower Upper
50 100
52 31.8 25.7 38.5

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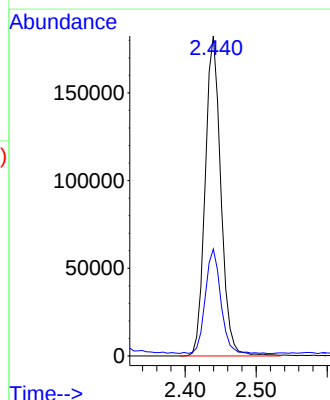
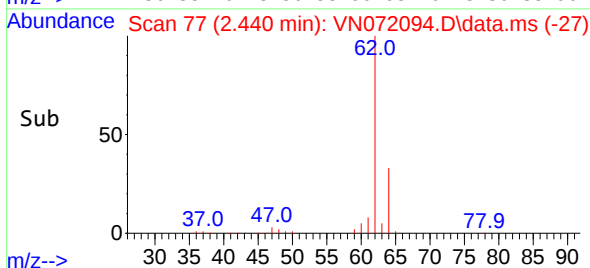
Reviewed By :John Carlone 04/21/2022
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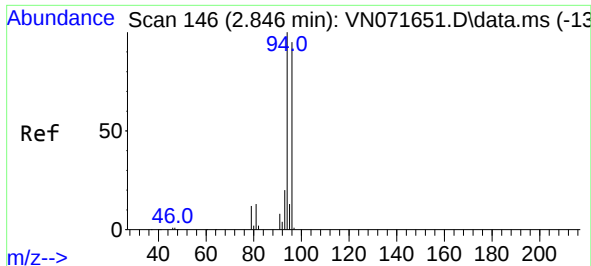


#4
Vinyl Chloride
Concen: 49.501 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



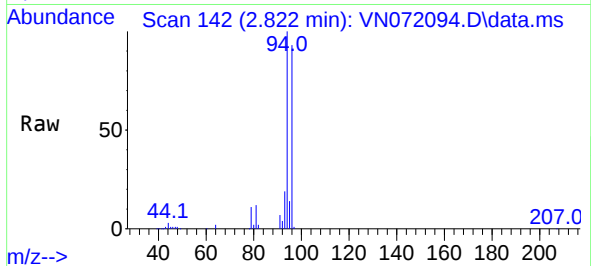
Tgt Ion: 62 Resp: 280910
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.4





#5
Bromomethane
Concen: 44.611 ug/l
RT: 2.822 min Scan# 146
Delta R.T. -0.024 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

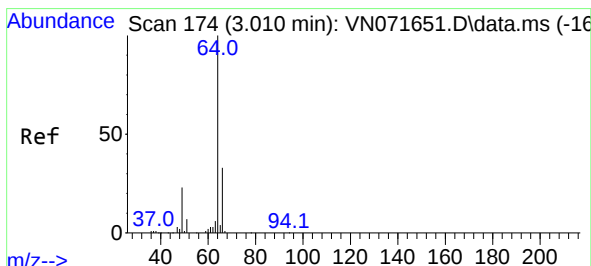
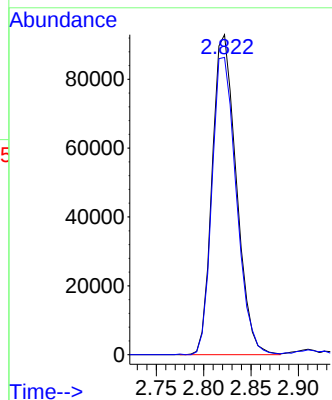
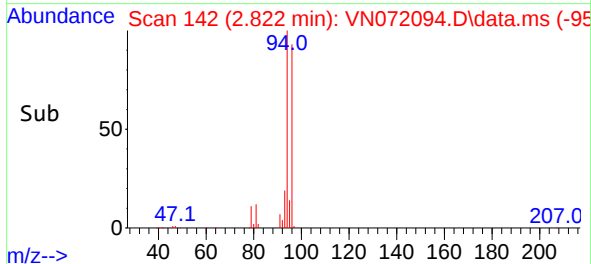
Instrument :
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Tgt Ion: 94 Resp: 16457
Ion Ratio Lower Upper
94 100
96 92.7 76.0 114.0

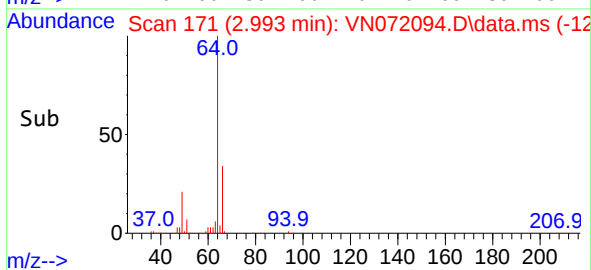
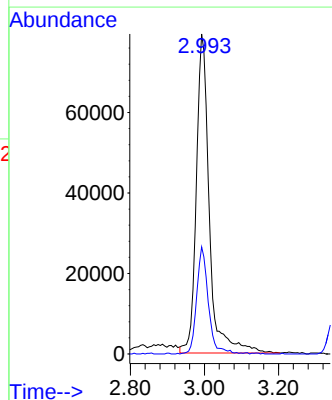
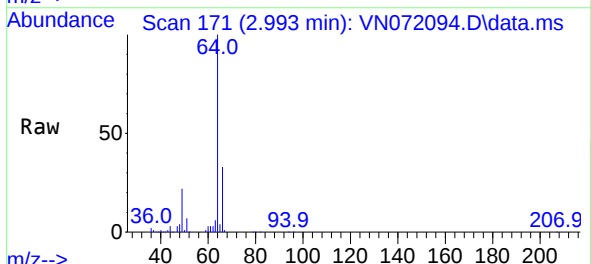
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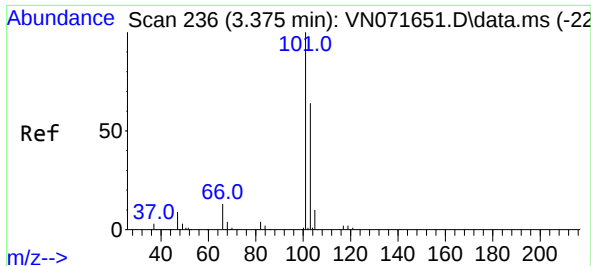
Reviewed By :John Carlone 04/21/2022
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#6
Chloroethane
Concen: 47.384 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.017 min
Lab File: VN072094.D
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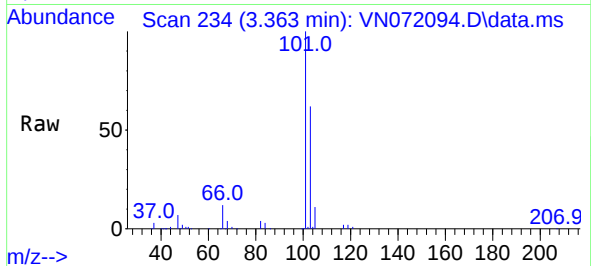
Tgt Ion: 64 Resp: 193442
Ion Ratio Lower Upper
64 100
66 33.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 54.052 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

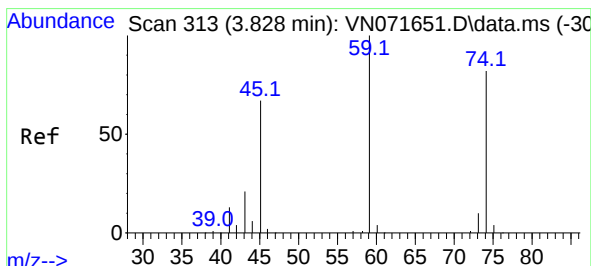
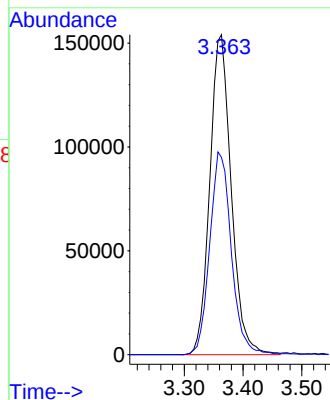
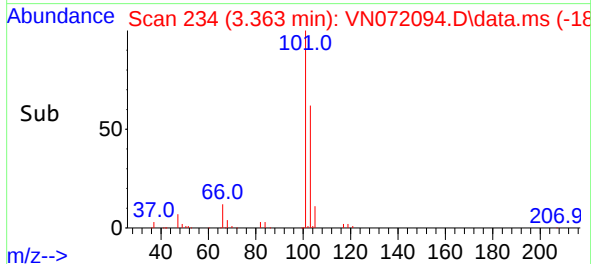
Instrument :
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VSTDCCC050



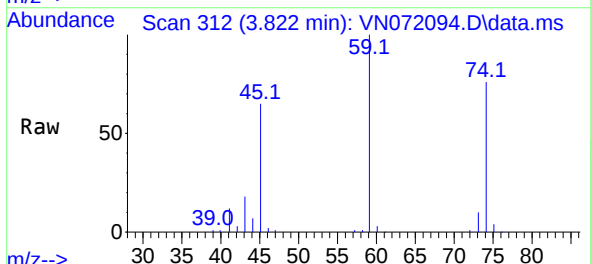
Tgt Ion:101 Resp: 39025
Ion Ratio Lower Upper
101 100
103 61.7 51.5 77.3

Manual Integrations
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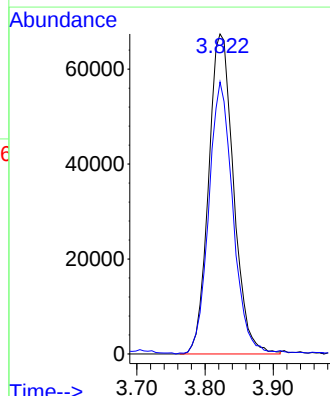
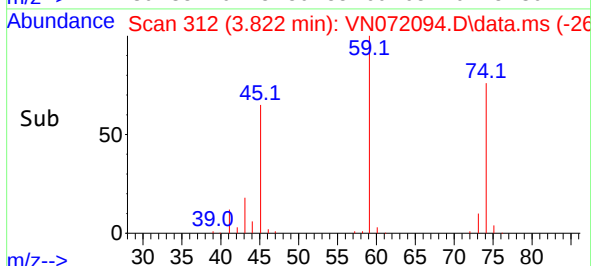
Reviewed By :John Carlone 04/21/2022
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#8
Diethyl Ether
Concen: 56.402 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN072094.D
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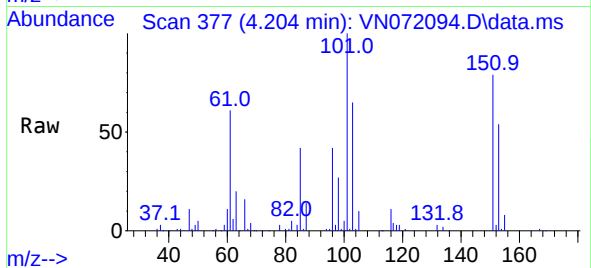
Tgt Ion: 74 Resp: 172098
Ion Ratio Lower Upper
74 100
45 82.2 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.023 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN072094.D
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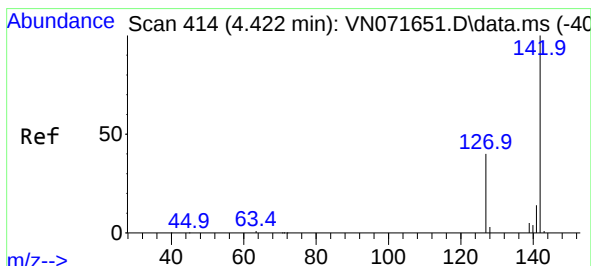
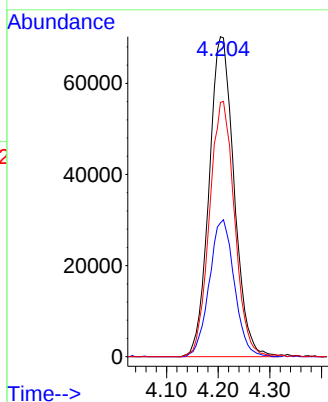
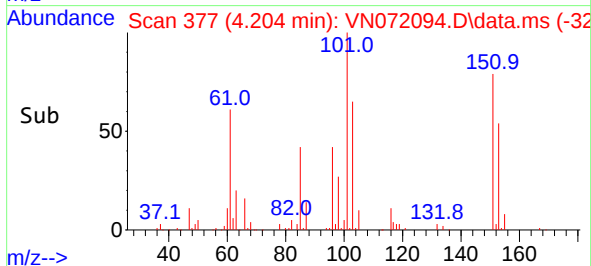
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



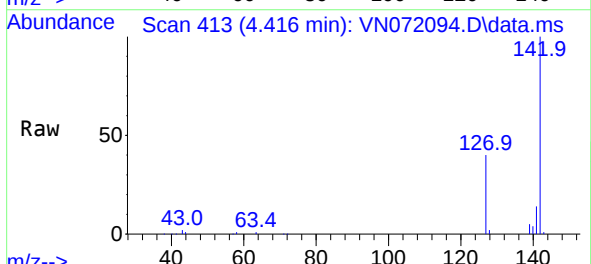
Tgt Ion:101 Resp: 235914
Ion Ratio Lower Upper
101 100
85 42.9 34.7 52.1
151 80.2 63.0 94.4

Manual Integrations
APPROVED

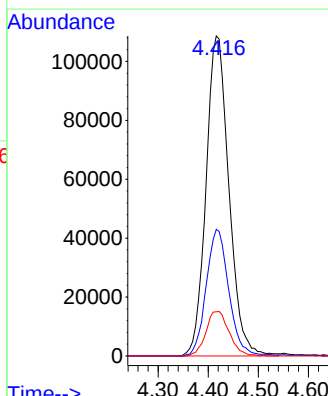
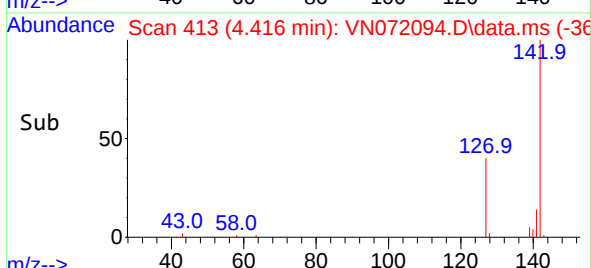
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

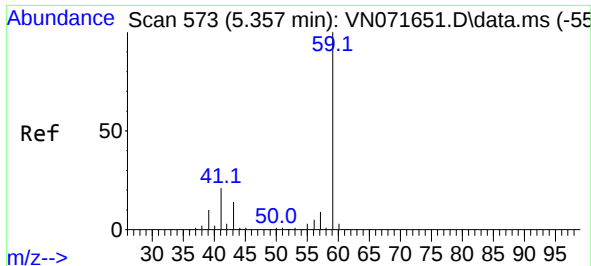


#10
Methyl Iodide
Concen: 55.473 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



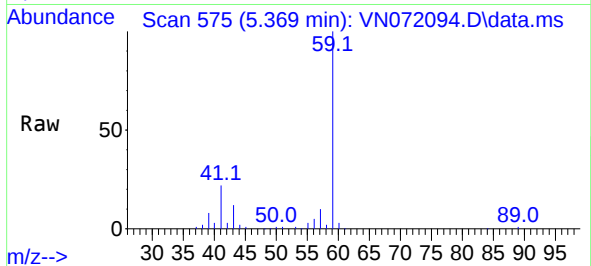
Tgt Ion:142 Resp: 345015
Ion Ratio Lower Upper
142 100
127 39.0 31.3 46.9
141 14.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 308.540 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

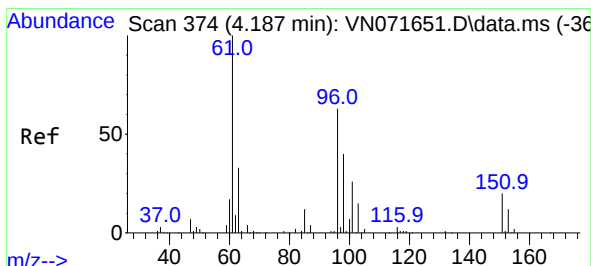
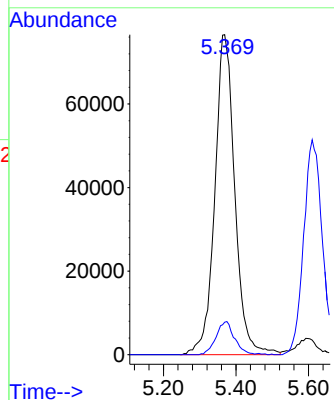
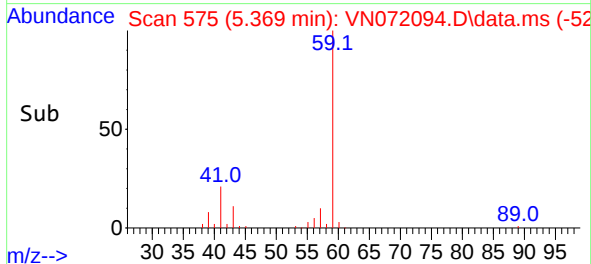
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 29321
Ion Ratio Lower Upper
59 100
57 9.5 8.3 12.5

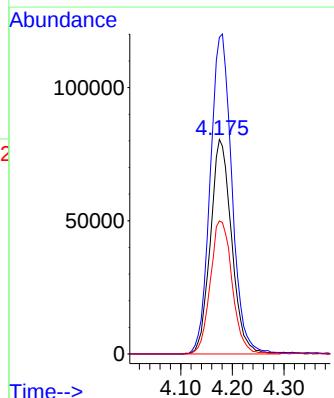
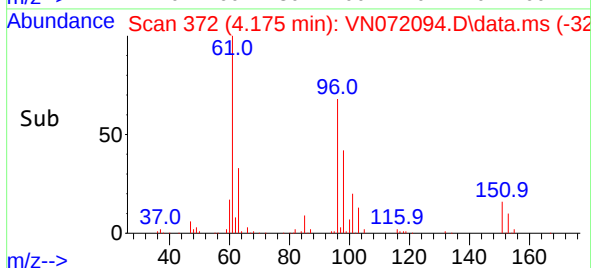
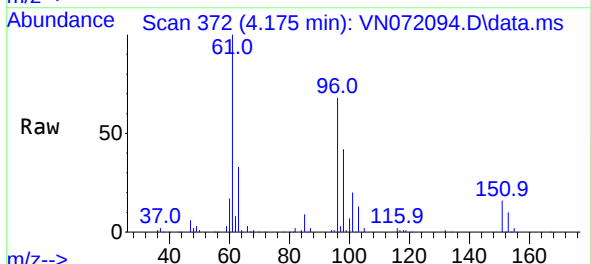
Manual Integrations
APPROVED

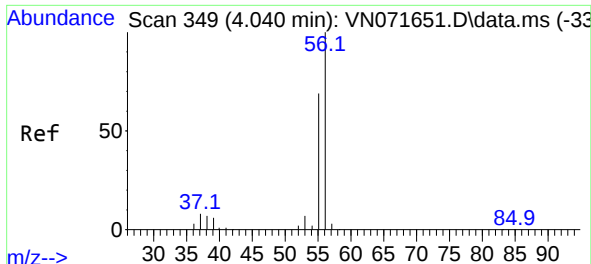
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#12
1,1-Dichloroethene
Concen: 54.344 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

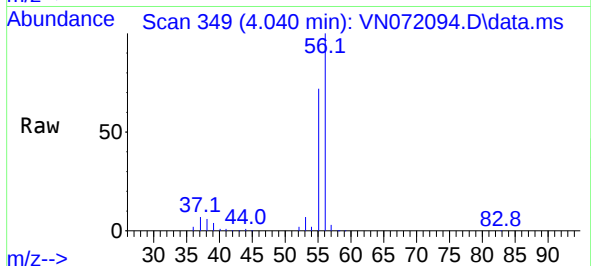
Tgt Ion: 96 Resp: 230090
Ion Ratio Lower Upper
96 100
61 147.6 127.6 191.4
98 62.0 51.2 76.8





#13
Acrolein
Concen: 177.028 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

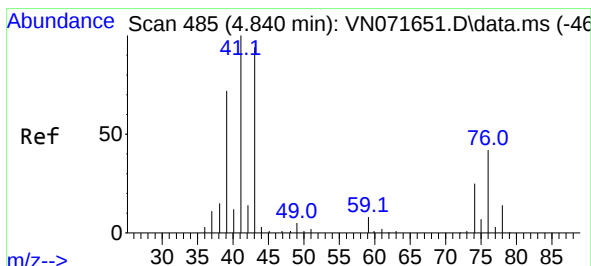
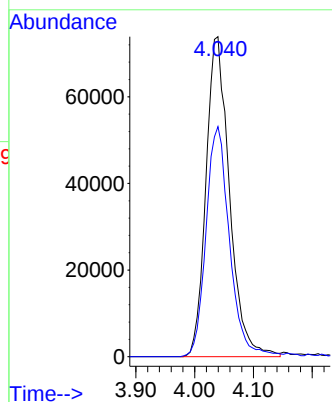
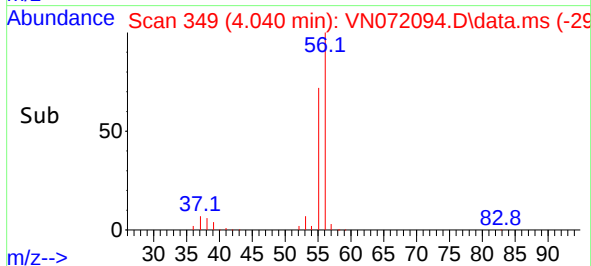
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



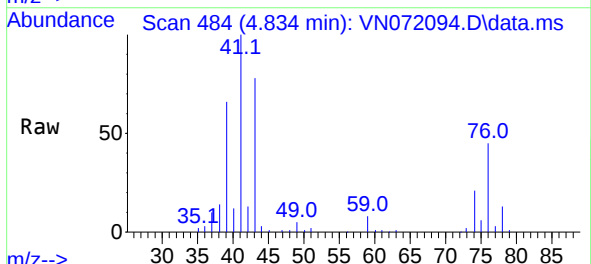
Tgt Ion: 56 Resp: 205128
Ion Ratio Lower Upper
56 100
55 71.9 54.8 82.2

Manual Integrations
APPROVED

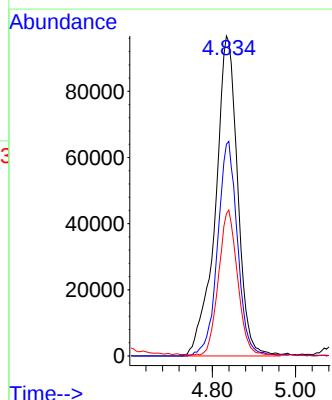
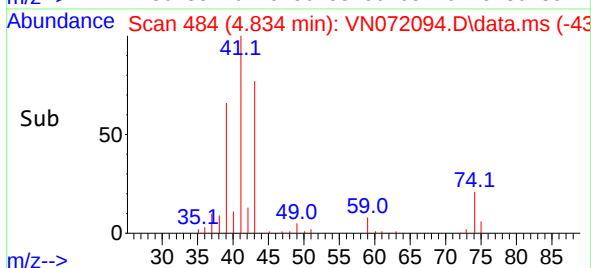
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#14
Allyl chloride
Concen: 52.307 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



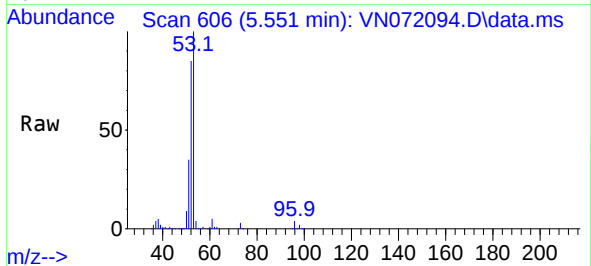
Tgt Ion: 41 Resp: 359455
Ion Ratio Lower Upper
41 100
39 59.9 53.2 79.8
76 38.8 29.9 44.9





#15
Acrylonitrile
Concen: 290.146 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

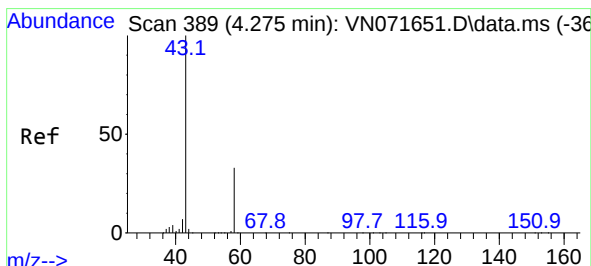
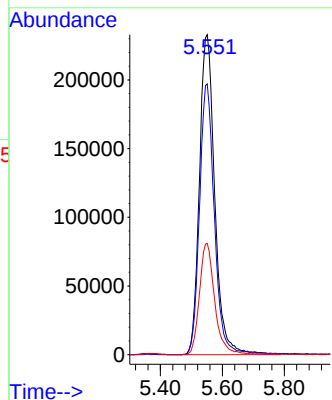
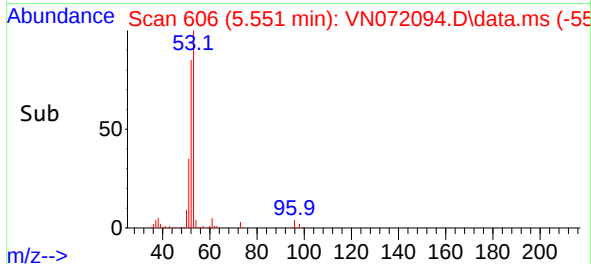
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



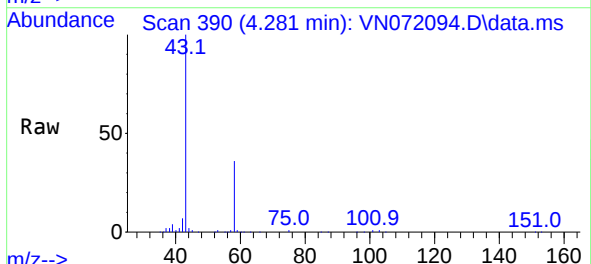
Tgt Ion: 53 Resp: 80146
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 34.5 28.5 42.7

Manual Integrations
APPROVED

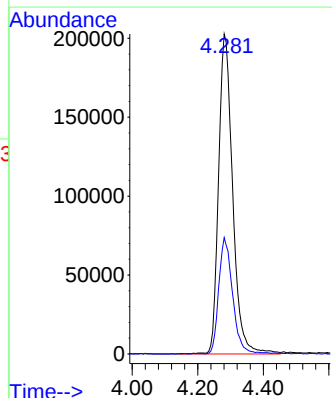
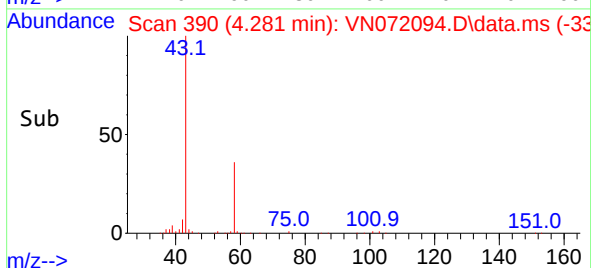
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#16
Acetone
Concen: 240.734 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



Tgt Ion: 43 Resp: 602467
Ion Ratio Lower Upper
43 100
58 36.2 26.0 39.0





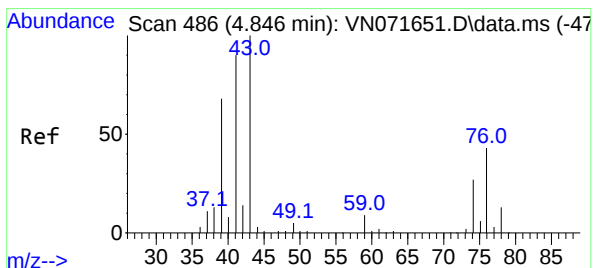
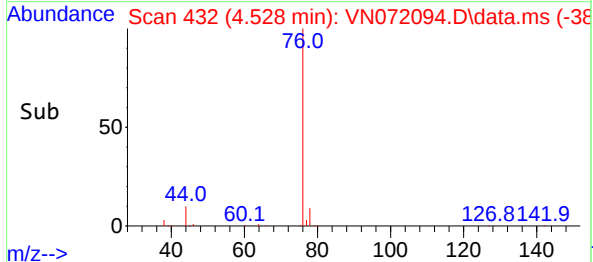
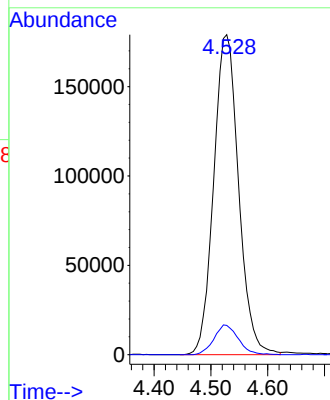
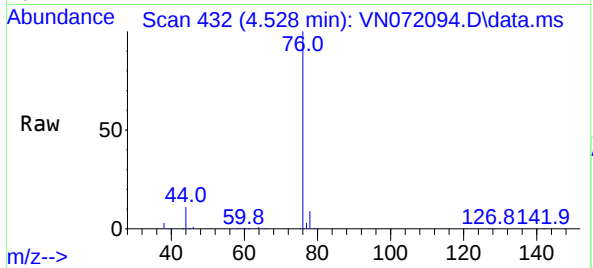
#17
Carbon Disulfide
Concen: 56.107 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 545049
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

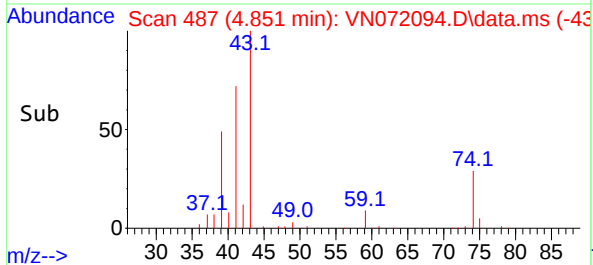
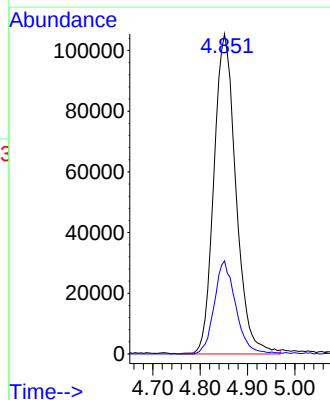
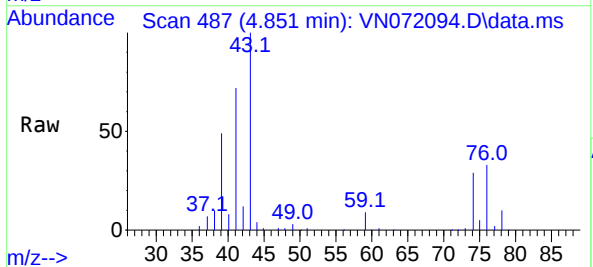
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#18
Methyl Acetate
Concen: 55.266 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

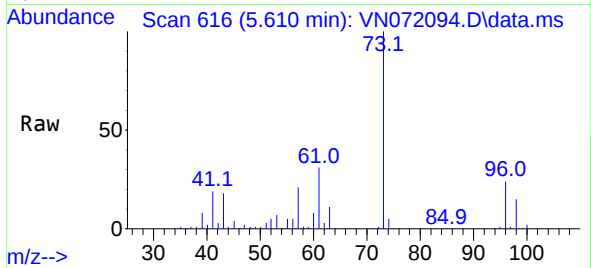
Tgt Ion: 43 Resp: 341513
Ion Ratio Lower Upper
43 100
74 28.2 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 54.506 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

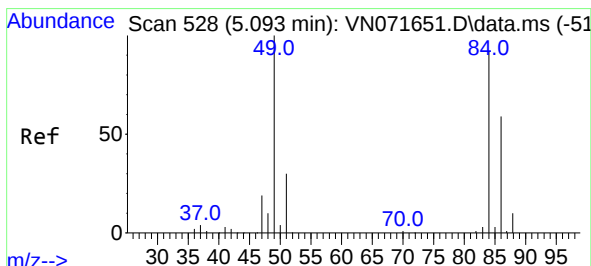
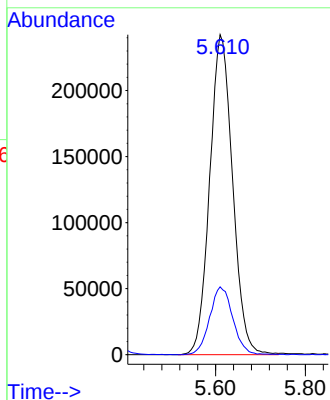
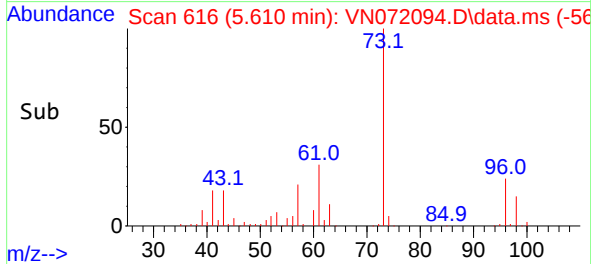
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



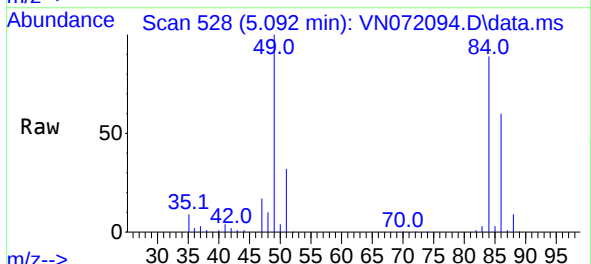
Tgt Ion: 73 Resp: 857336
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

Manual Integrations
APPROVED

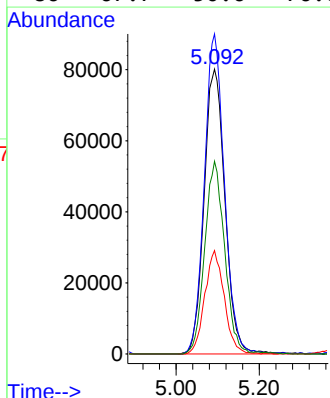
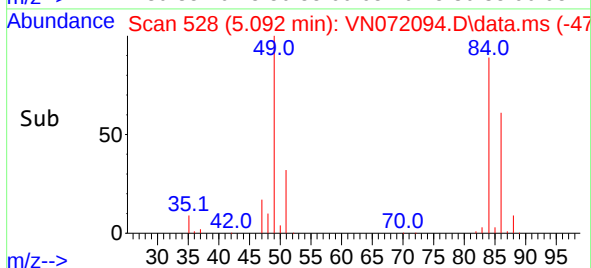
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

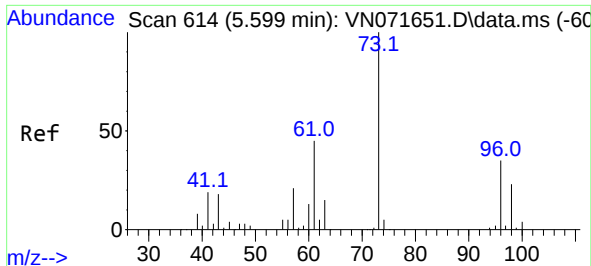


#20
Methylene Chloride
Concen: 53.081 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



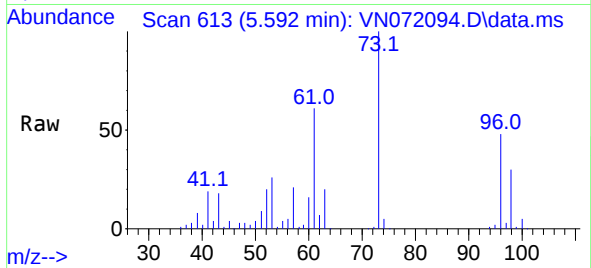
Tgt Ion: 84 Resp: 279998
Ion Ratio Lower Upper
84 100
49 112.3 88.3 132.5
51 36.3 28.2 42.2
86 67.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 52.530 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

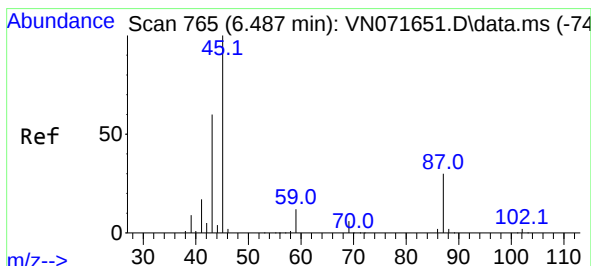
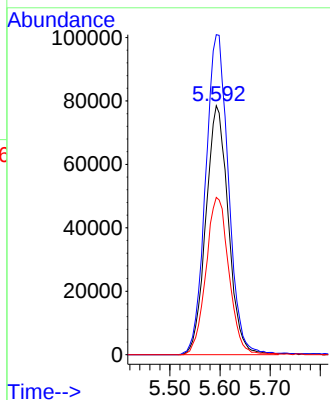
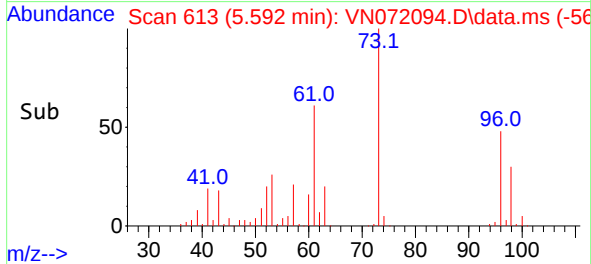
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



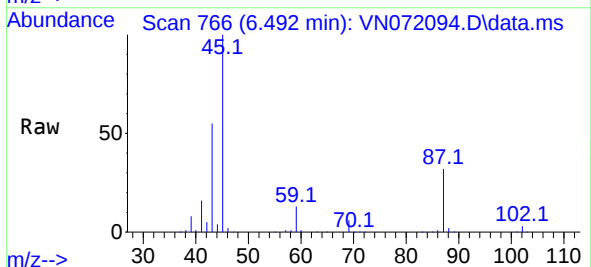
Tgt Ion: 96 Resp: 244150
Ion Ratio Lower Upper
96 100
61 128.5 105.8 158.8
98 63.2 50.3 75.5

Manual Integrations
APPROVED

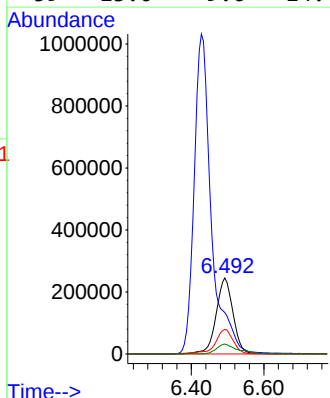
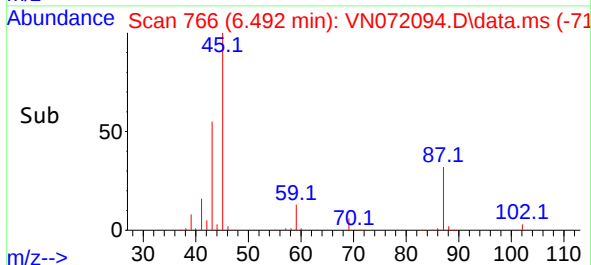
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

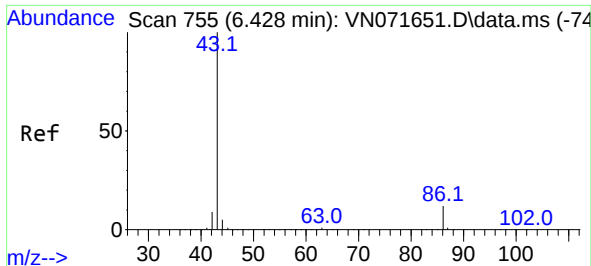


#22
Diisopropyl ether
Concen: 53.055 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



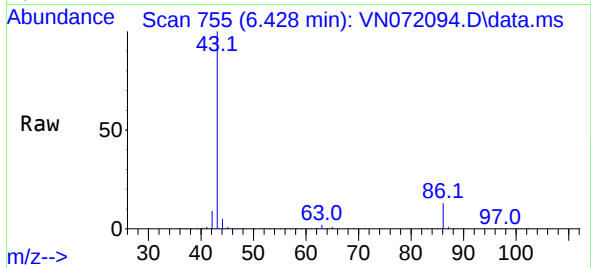
Tgt Ion: 45 Resp: 793726
Ion Ratio Lower Upper
45 100
43 53.8 46.6 70.0
87 32.0 24.3 36.5
59 13.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 284.413 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072094.D
 Acq: 20 Apr 2022 22:16

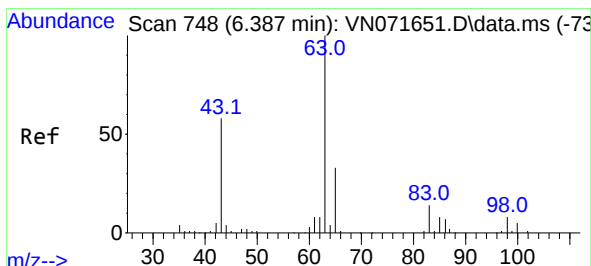
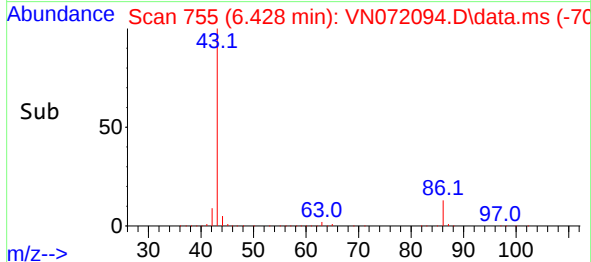
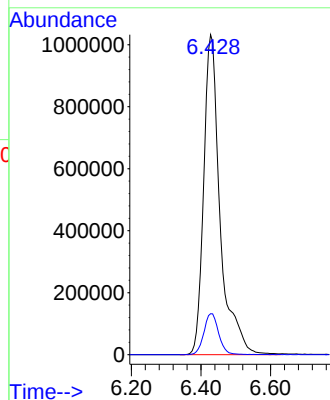
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 338360
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.0 15.0

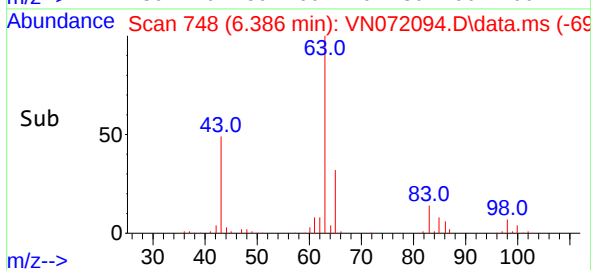
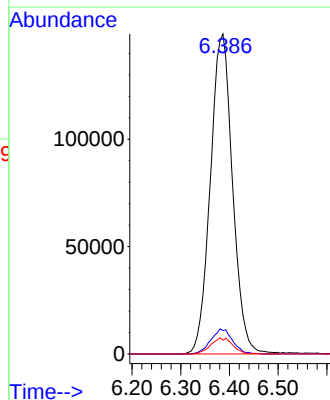
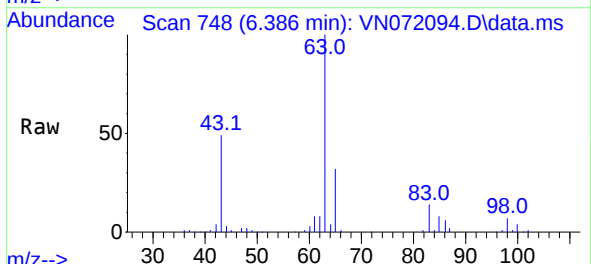
Manual Integrations
 APPROVED

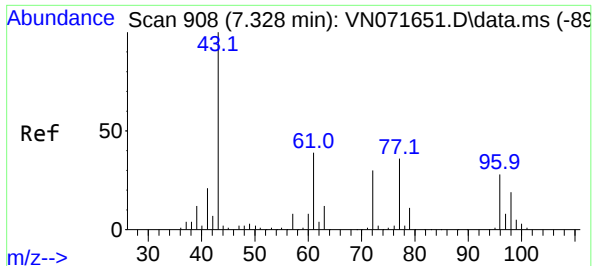
Reviewed By :John Carlone 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022



#24
 1,1-Dichloroethane
 Concen: 53.793 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.001 min
 Lab File: VN072094.D
 Acq: 20 Apr 2022 22:16

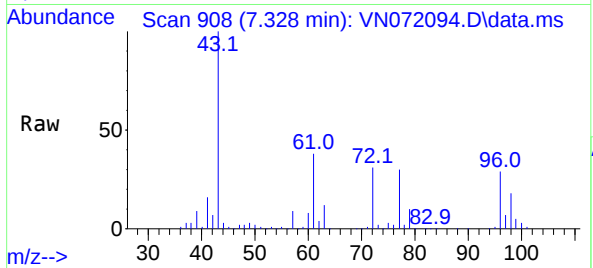
Tgt Ion: 63 Resp: 472442
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.3 2.3 6.8





#25
2-Butanone
Concen: 277.795 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

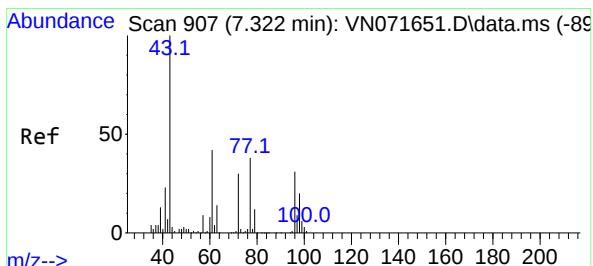
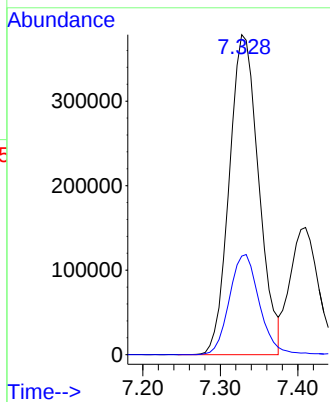
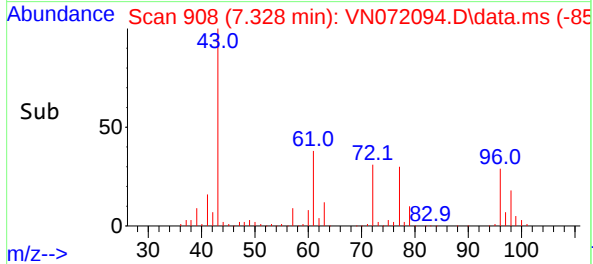
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



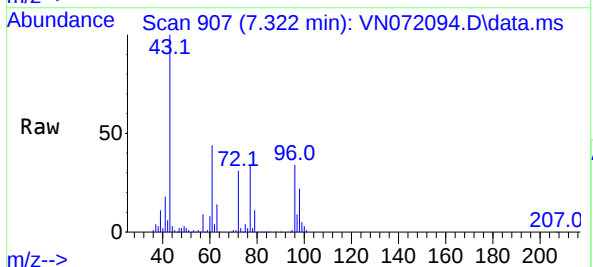
Tgt Ion: 43 Resp: 100224
Ion Ratio Lower Upper
43 100
72 30.8 23.7 35.5

Manual Integrations
APPROVED

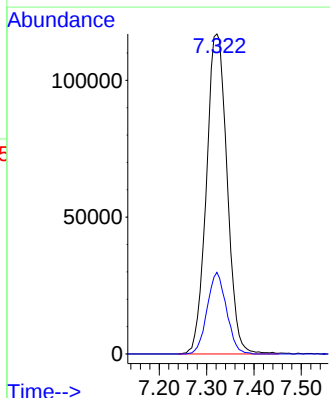
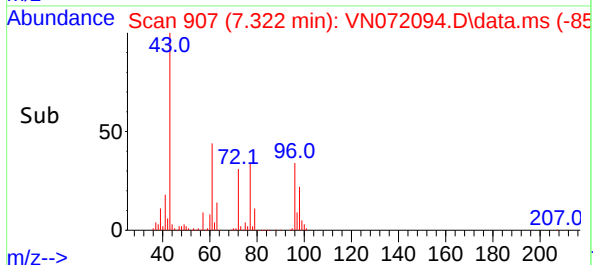
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

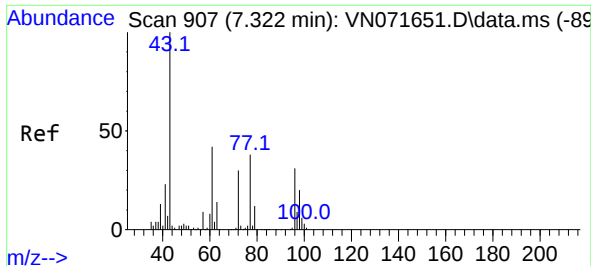


#26
2,2-Dichloropropane
Concen: 47.129 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



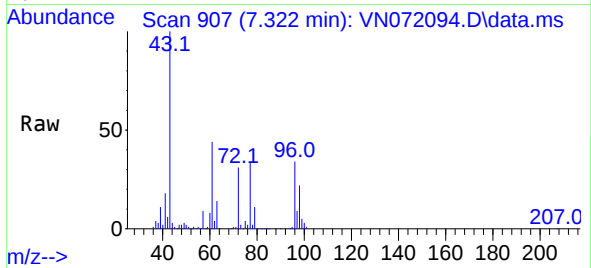
Tgt Ion: 77 Resp: 355578
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 54.340 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

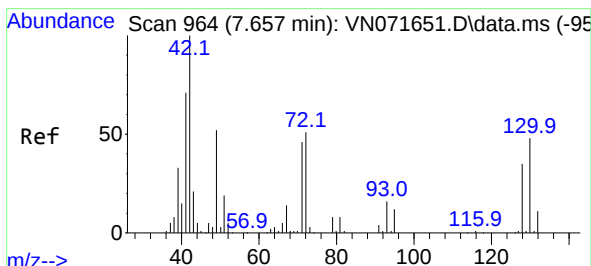
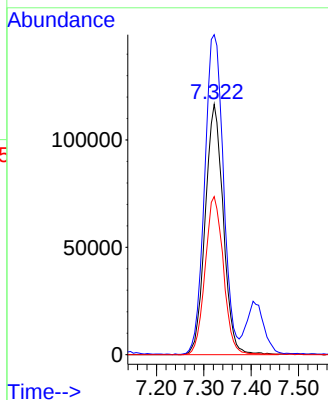
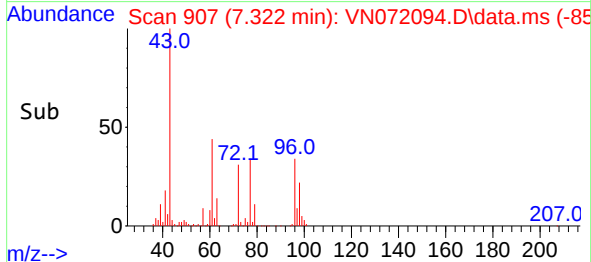
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 30971
Ion Ratio Lower Upper
96 100
61 132.8 0.0 280.6
98 64.0 0.0 128.4

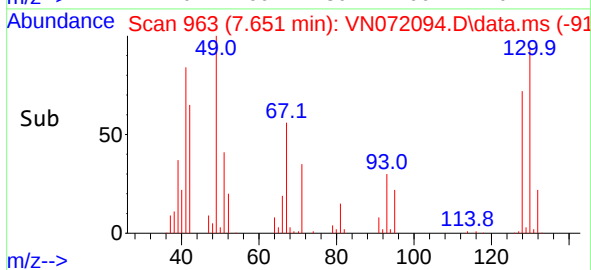
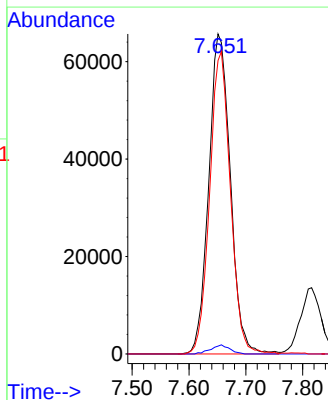
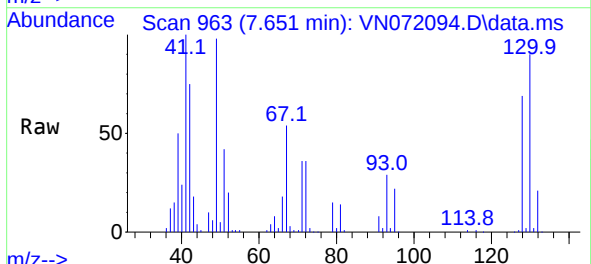
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#28
Bromochloromethane
Concen: 48.927 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Tgt Ion: 49 Resp: 173340
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.6
130 90.6 69.7 104.5





#29

Tetrahydrofuran

Concen: 280.355 ug/l

RT: 7.680 min Scan# 90

Delta R.T. 0.005 min

Lab File: VN072094.D

Acq: 20 Apr 2022 22:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 65494

Ion Ratio Lower Upper

42 100

72 51.5 39.7 59.5

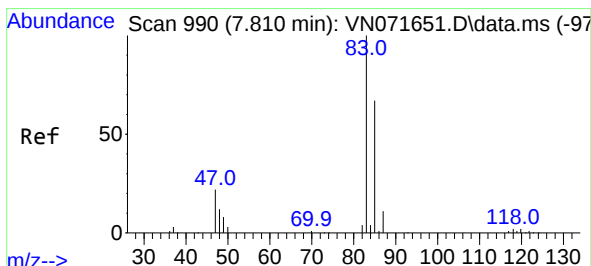
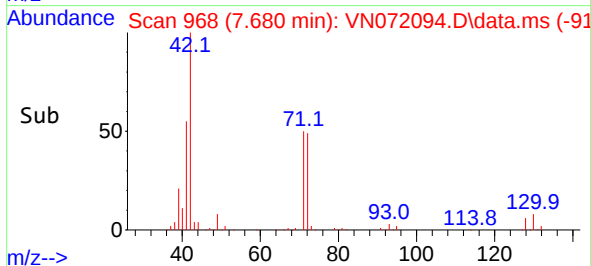
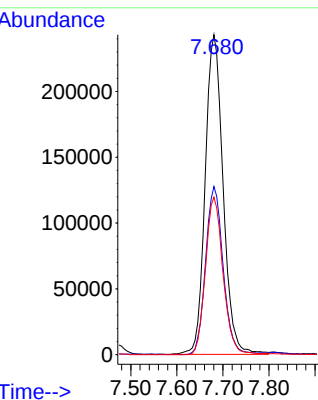
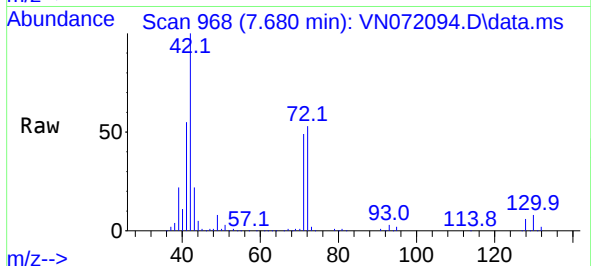
71 48.6 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#30

Chloroform

Concen: 52.511 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN072094.D

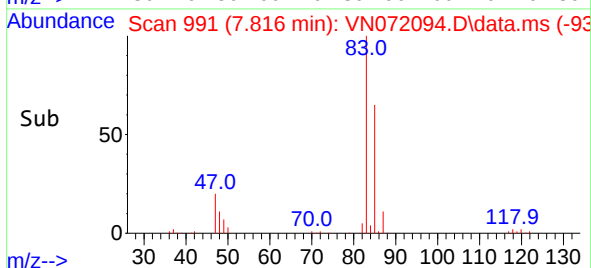
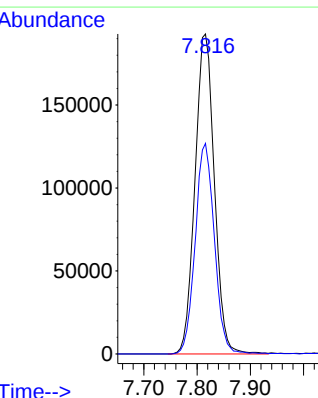
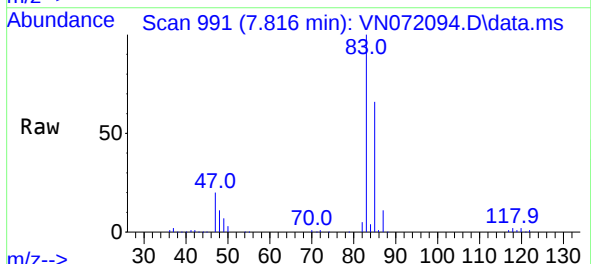
Acq: 20 Apr 2022 22:16

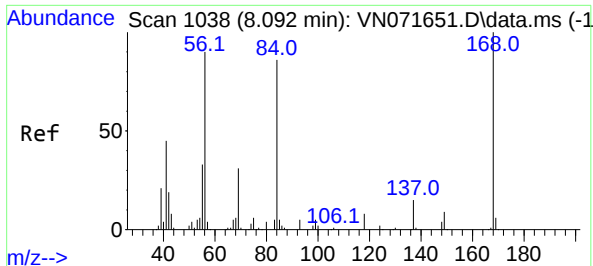
Tgt Ion: 83 Resp: 486962

Ion Ratio Lower Upper

83 100

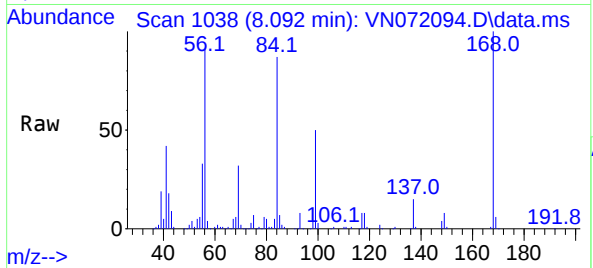
85 65.8 51.8 77.8





#31
Cyclohexane
Concen: 52.382 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

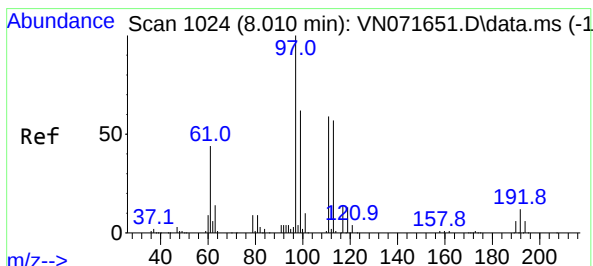
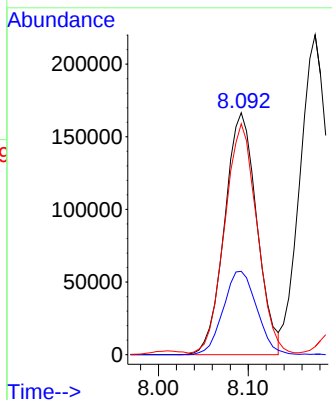
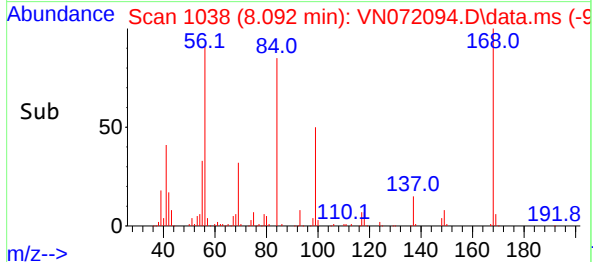
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



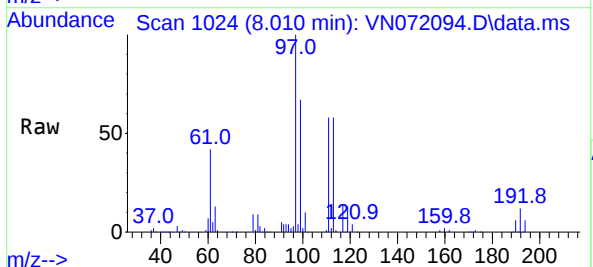
Tgt Ion: 56 Resp: 41715
Ion Ratio Lower Upper
56 100
69 34.5 27.8 41.8
84 94.2 76.9 115.3

Manual Integrations
APPROVED

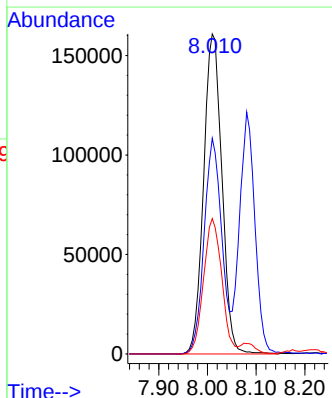
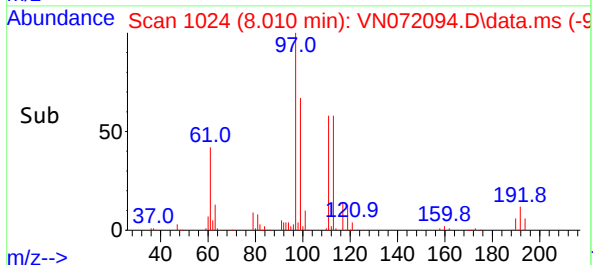
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#32
1,1,1-Trichloroethane
Concen: 52.888 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



Tgt Ion: 97 Resp: 419585
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 42.2 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 48.524 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :

MSVOA_N

ClientSampleId :

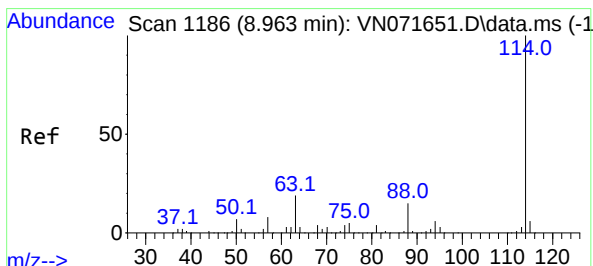
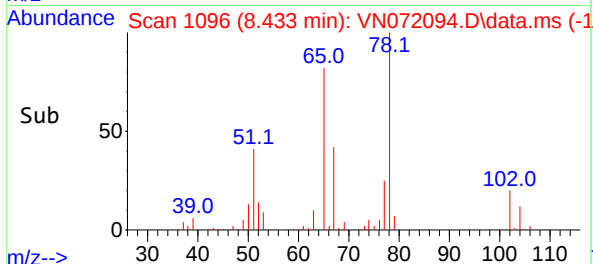
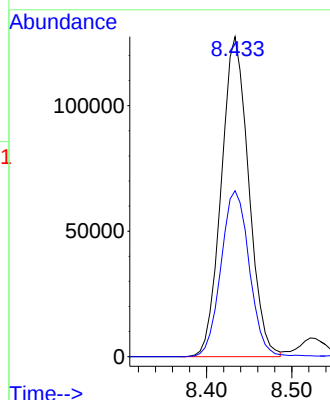
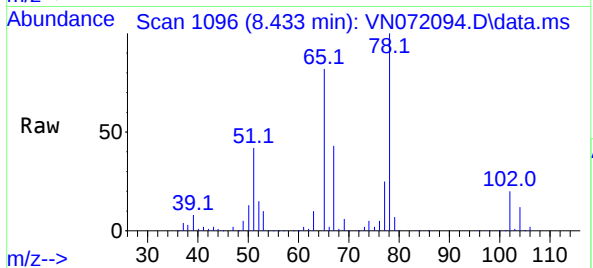
VSTDCCC050

Tgt Ion: 65 Resp: 284152
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.8

Manual Integrations

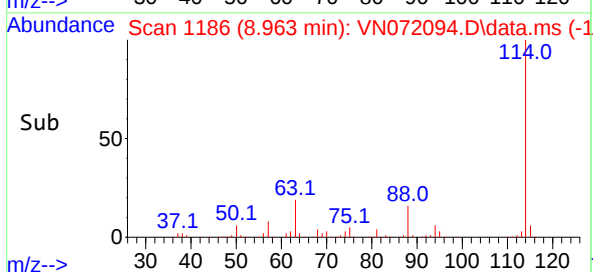
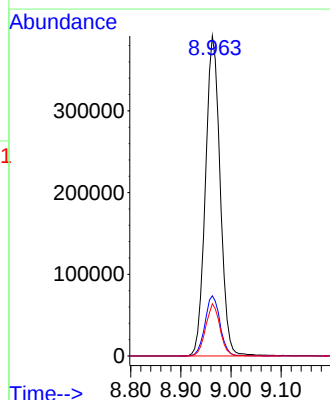
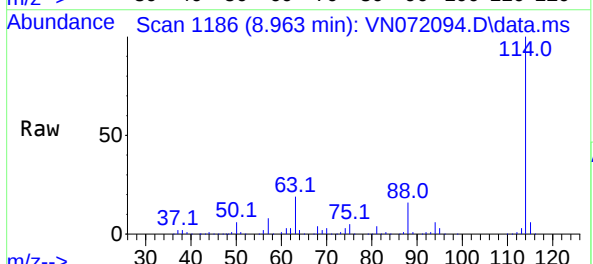
APPROVED

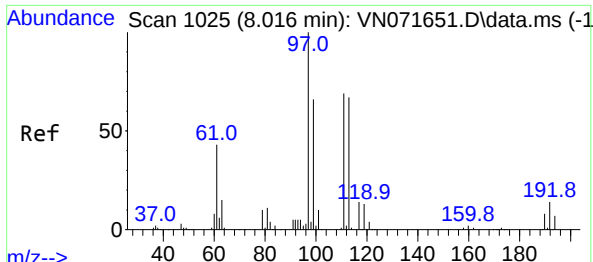
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

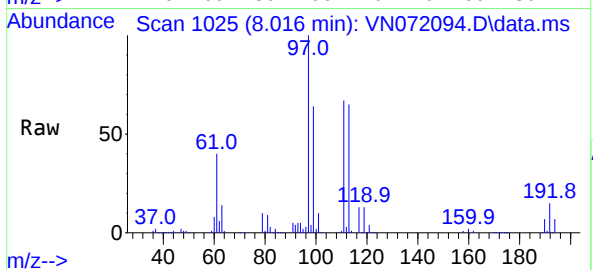
Tgt Ion:114 Resp: 798896
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.535 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

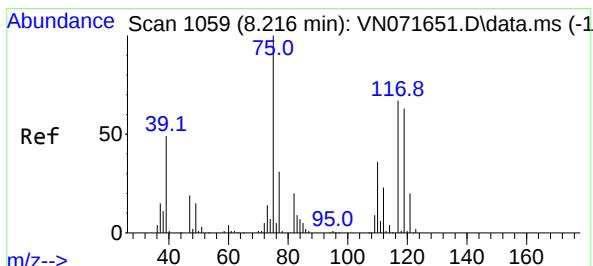
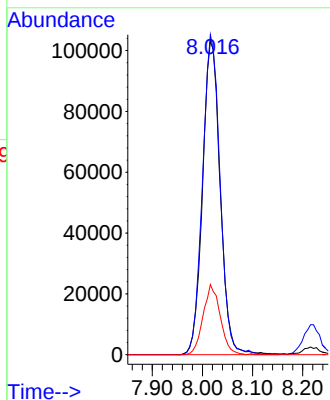
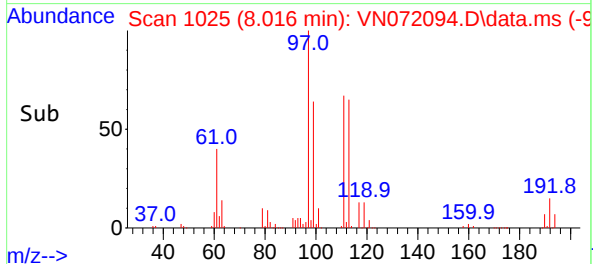
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



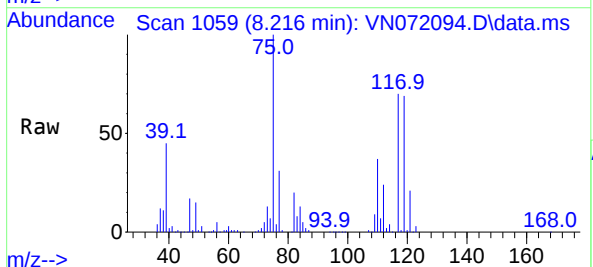
Tgt Ion: 113 Resp: 251670
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 21.8 17.0 25.6

Manual Integrations
APPROVED

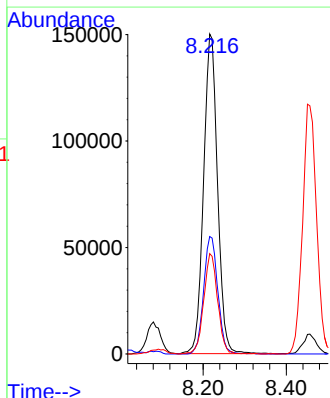
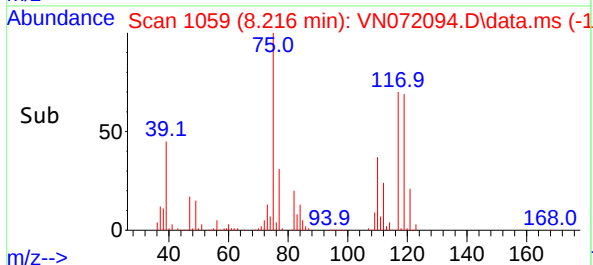
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

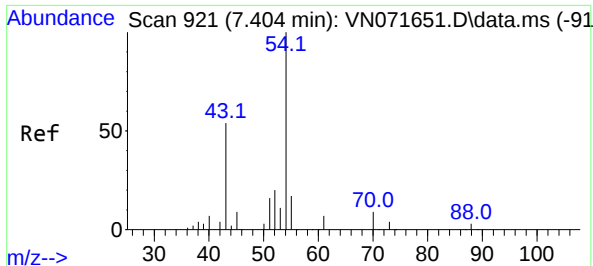


#36
1,1-Dichloropropene
Concen: 53.248 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



Tgt Ion: 75 Resp: 349564
Ion Ratio Lower Upper
75 100
110 37.3 18.3 54.8
77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 56.328 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN072094.D

Acq: 20 Apr 2022 22:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 40474

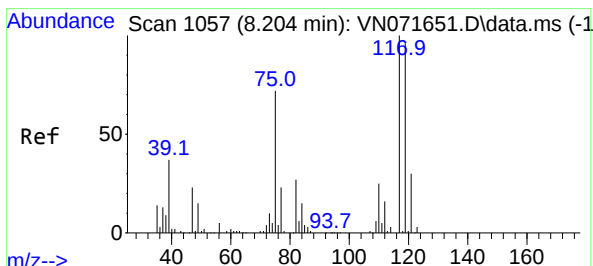
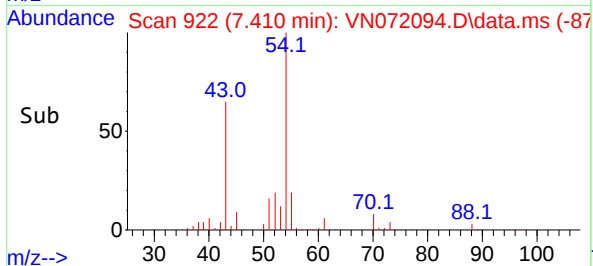
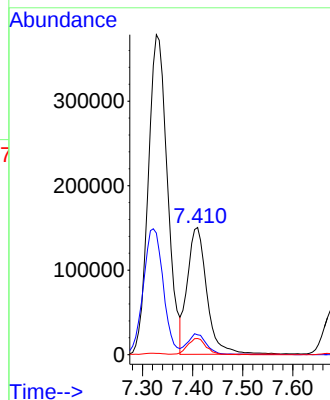
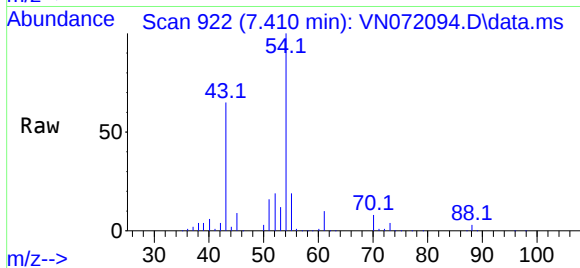
Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.8	17.6
70	12.2	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#38

Carbon Tetrachloride

Concen: 54.081 ug/l

RT: 8.204 min Scan# 1057

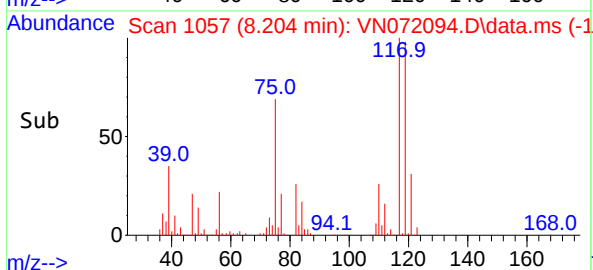
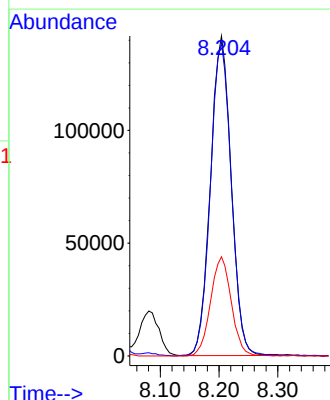
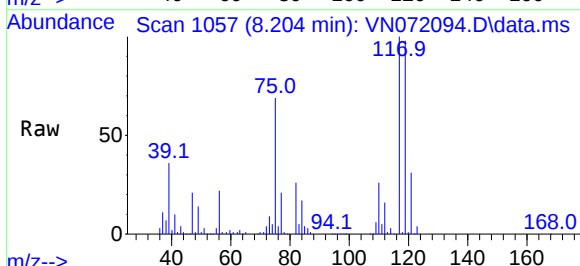
Delta R.T. -0.000 min

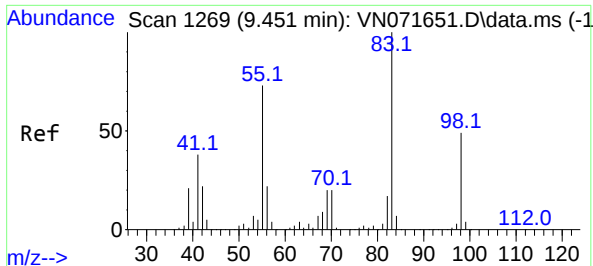
Lab File: VN072094.D

Acq: 20 Apr 2022 22:16

Tgt Ion:117 Resp: 347953

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.8	113.8
121	31.0	24.6	37.0





#39
Methylcyclohexane
Concen: 56.660 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :

MSVOA_N

ClientSampleId :

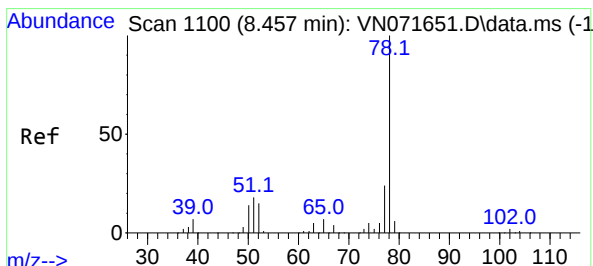
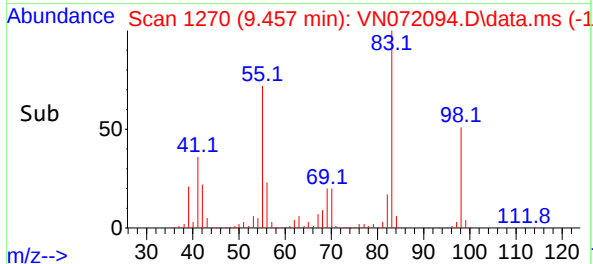
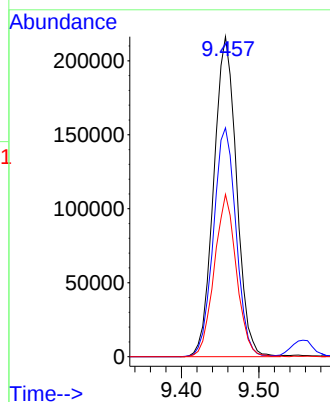
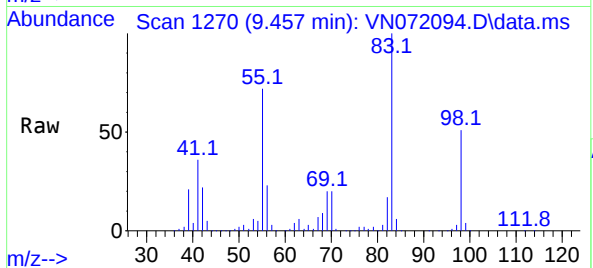
VSTDCCC050

Tgt Ion: 83 Resp: 44277
Ion Ratio Lower Upper
83 100
55 71.5 57.8 86.8
98 50.7 39.4 59.2

Manual Integrations

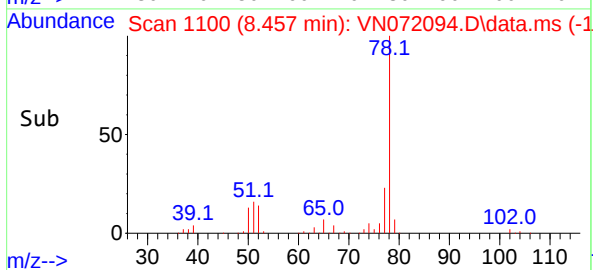
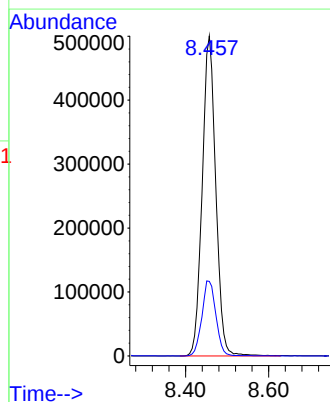
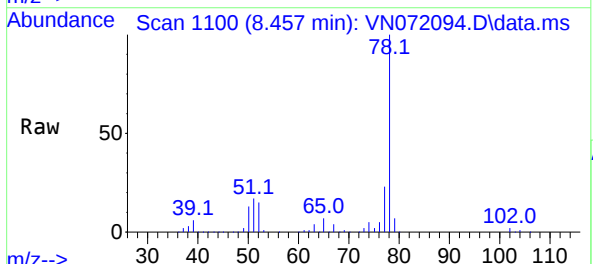
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#40
Benzene
Concen: 54.495 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

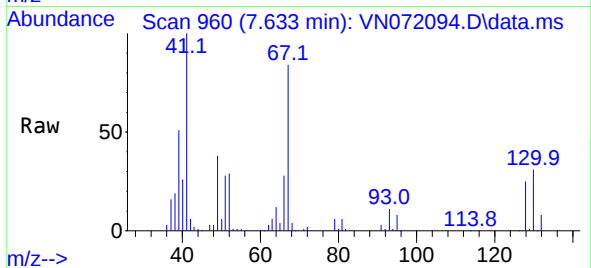
Tgt Ion: 78 Resp: 1130110
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0





#41
Methacrylonitrile
Concen: 57.779 ug/l
RT: 7.633 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

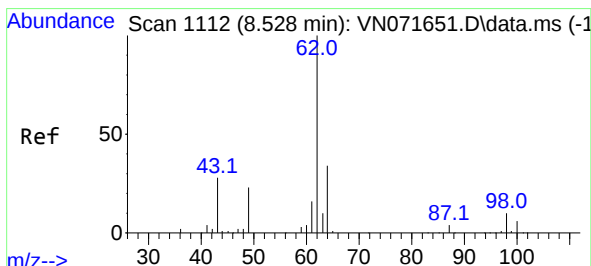
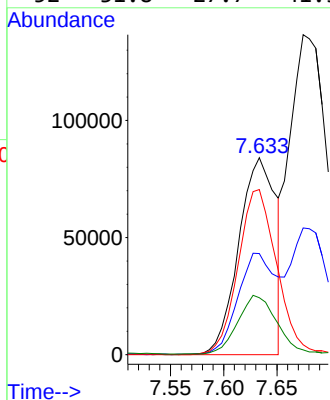
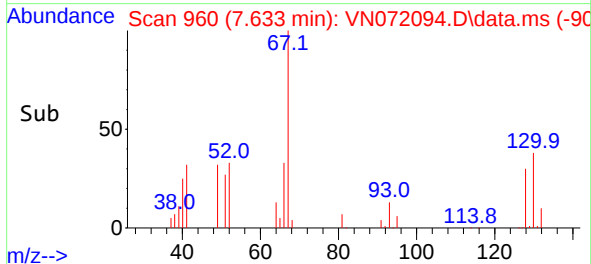
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



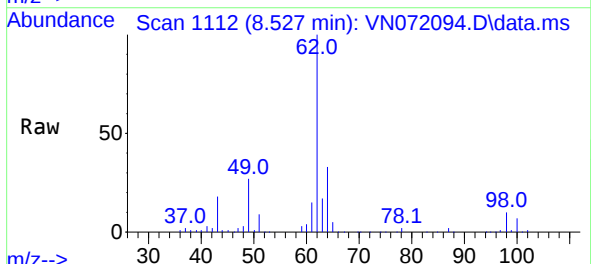
Tgt Ion: 41 Resp: 20328
Ion Ratio Lower Upper
41 100
39 57.6 48.6 73.0
67 88.8 73.4 110.2
52 31.8 27.7 41.5

Manual Integrations
APPROVED

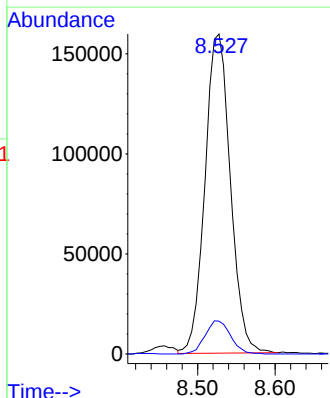
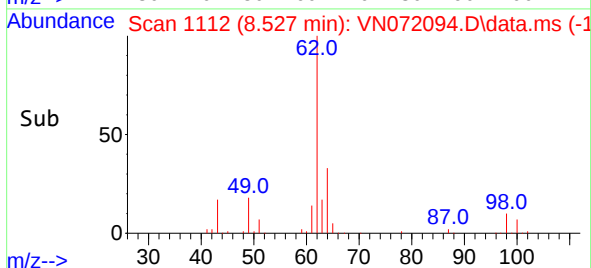
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#42
1,2-Dichloroethane
Concen: 50.737 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



Tgt Ion: 62 Resp: 363976
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 52.878 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :

MSVOA_N

ClientSampleId :

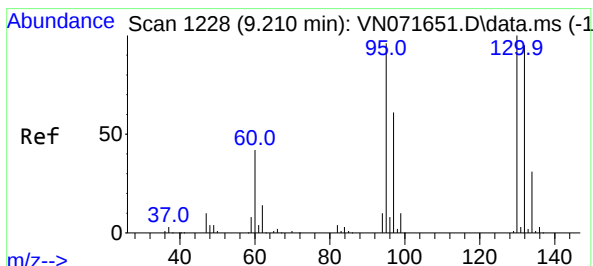
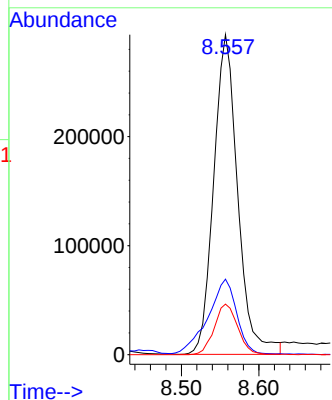
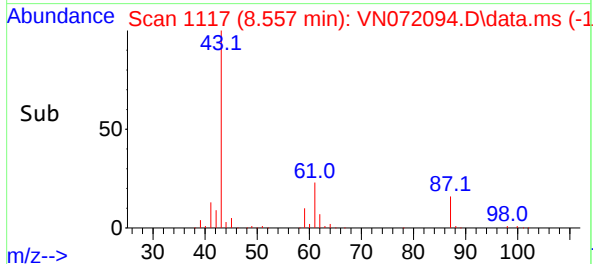
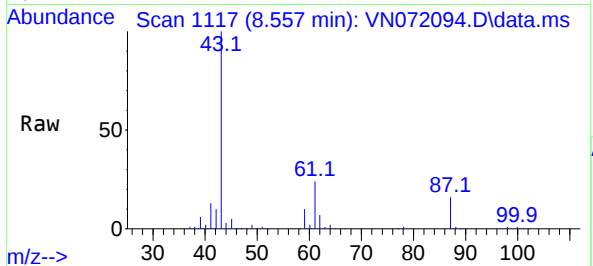
VSTDCCC050

Tgt Ion: 43 Resp: 63198
Ion Ratio Lower Upper
43 100
61 28.3 21.9 32.9
87 15.5 12.0 18.0

Manual Integrations

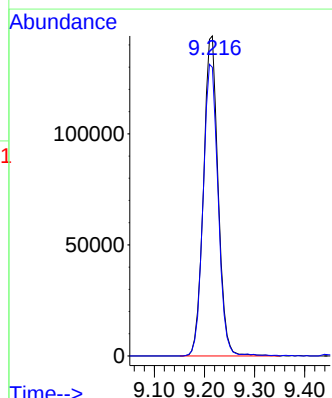
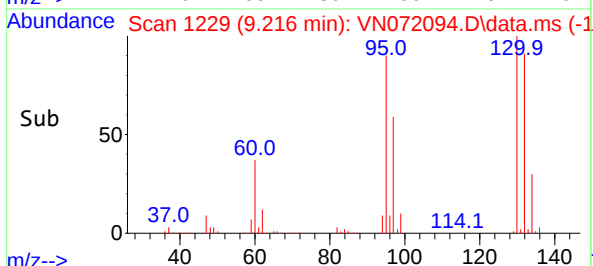
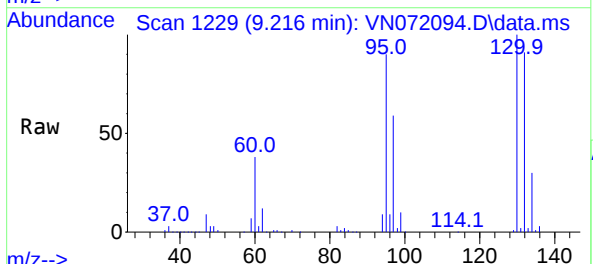
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#44
Trichloroethene
Concen: 54.711 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Tgt Ion:130 Resp: 292303
Ion Ratio Lower Upper
130 100
95 90.2 0.0 186.8





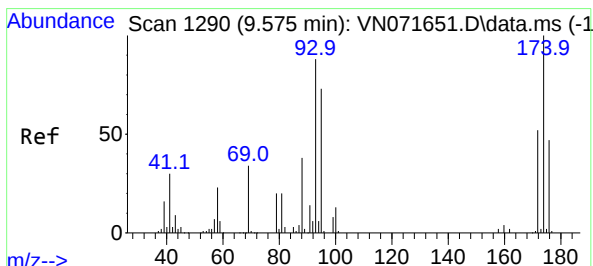
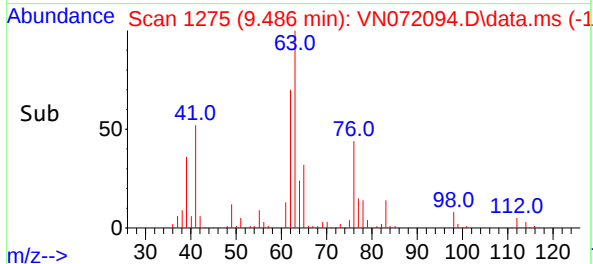
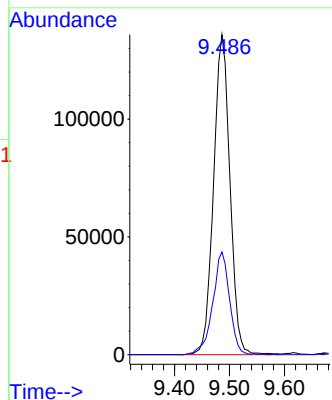
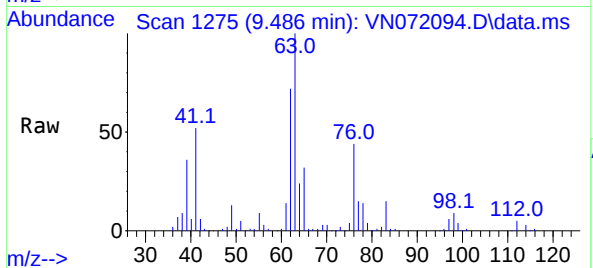
#45
1,2-Dichloropropane
Concen: 54.328 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 281458
Ion Ratio Lower Upper
63 100
65 32.1 24.9 37.3

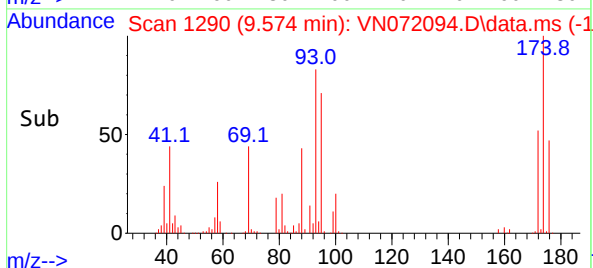
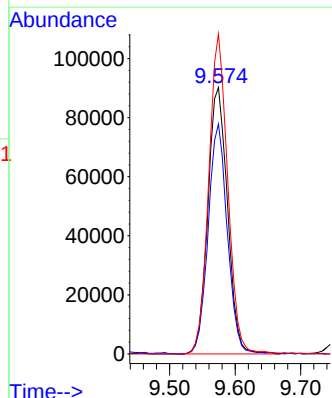
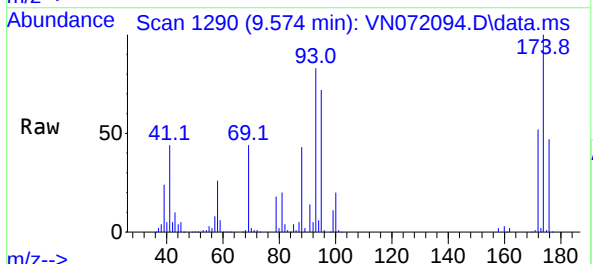
Manual Integrations
APPROVED

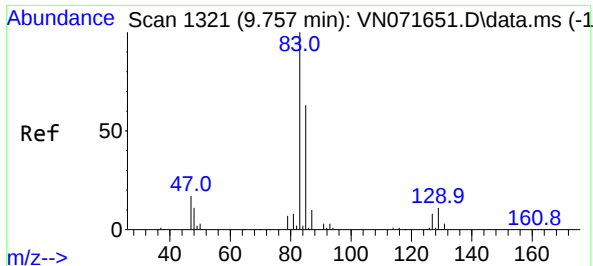
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#46
Dibromomethane
Concen: 53.449 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

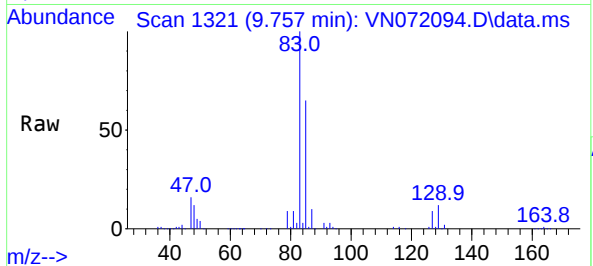
Tgt Ion: 93 Resp: 188008
Ion Ratio Lower Upper
93 100
95 84.3 66.9 100.3
174 116.2 86.6 130.0





#47
Bromodichloromethane
Concen: 54.870 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

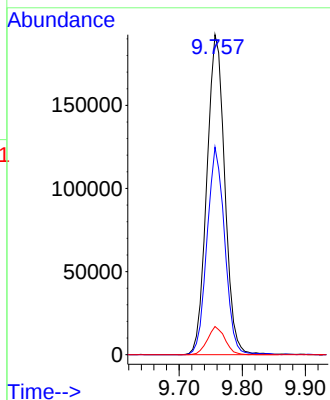
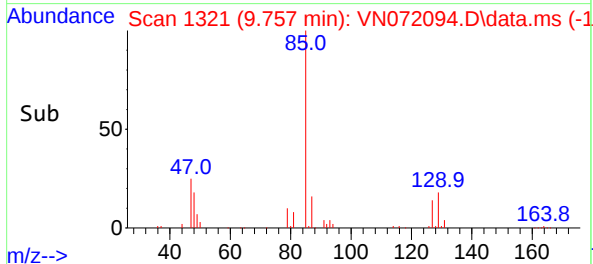
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



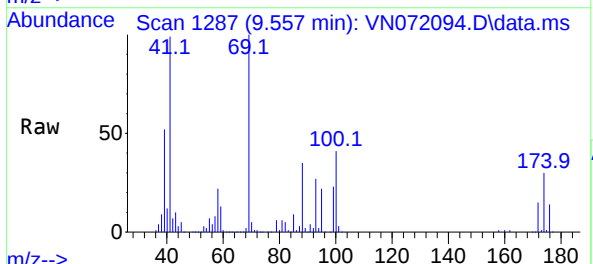
Tgt Ion: 83 Resp: 37992
Ion Ratio Lower Upper
83 100
85 64.8 50.5 75.7
127 8.8 6.8 10.2

Manual Integrations
APPROVED

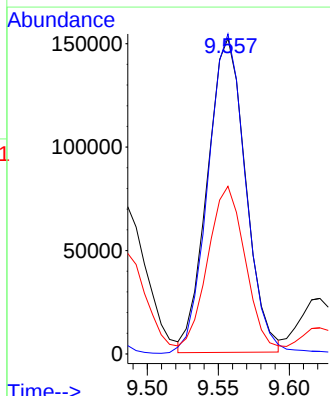
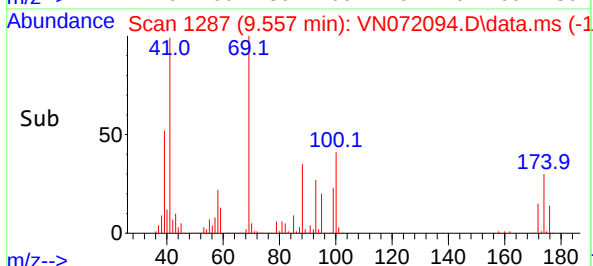
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

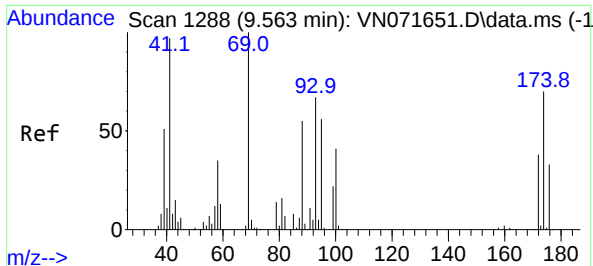


#48
Methyl methacrylate
Concen: 57.346 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



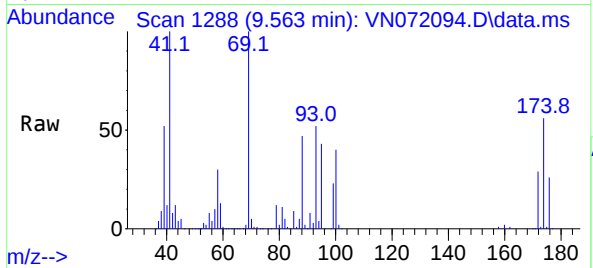
Tgt Ion: 41 Resp: 284348
Ion Ratio Lower Upper
41 100
69 100.8 74.7 112.1
39 53.6 45.6 68.4





#49
1,4-Dioxane
Concen: 1118.151 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

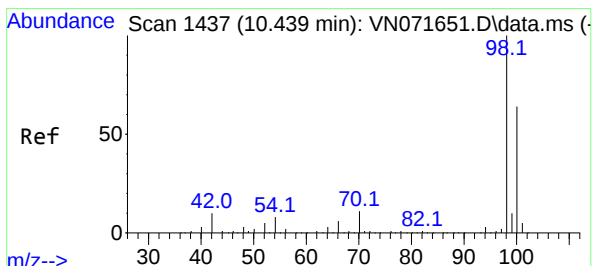
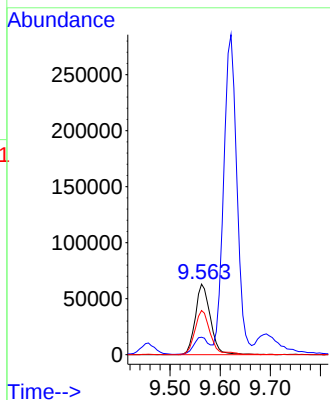
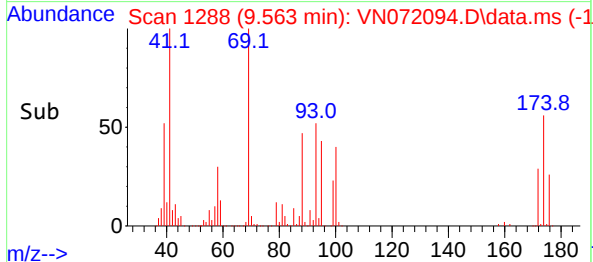
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



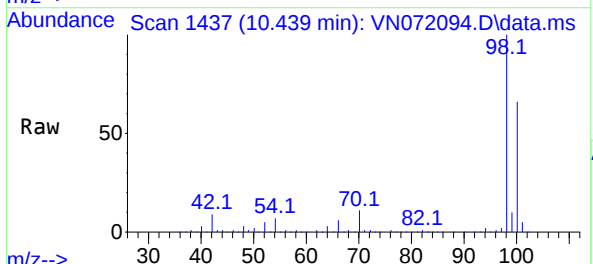
Tgt Ion: 88 Resp: 13134
Ion Ratio Lower Upper
88 100
43 23.0 20.2 30.4
58 64.9 54.2 81.4

Manual Integrations
APPROVED

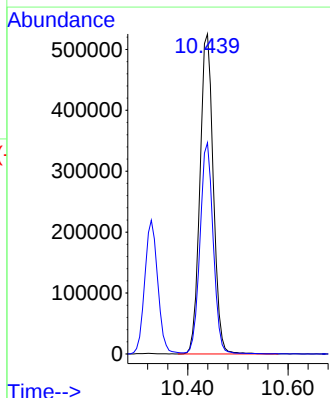
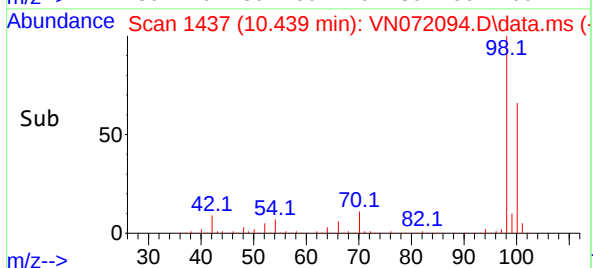
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

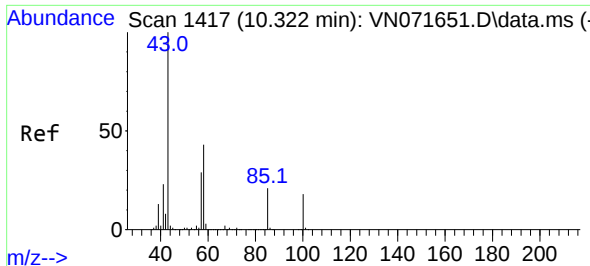


#50
Toluene-d8
Concen: 50.607 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



Tgt Ion: 98 Resp: 973208
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





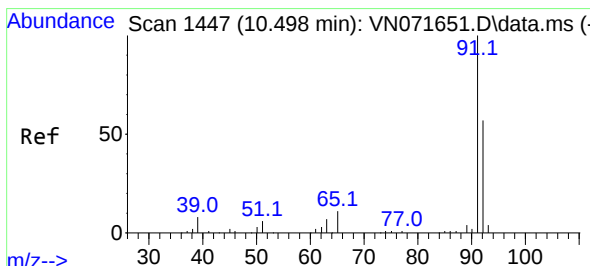
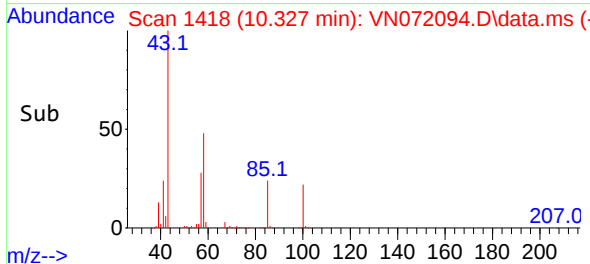
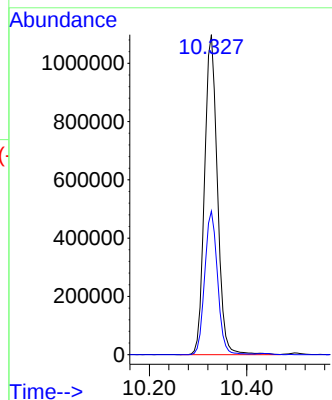
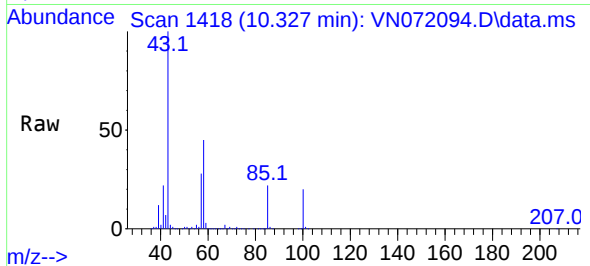
#51
4-Methyl-2-Pentanone
Concen: 291.769 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2004889
Ion Ratio Lower Upper
43 100
58 44.7 34.1 51.1

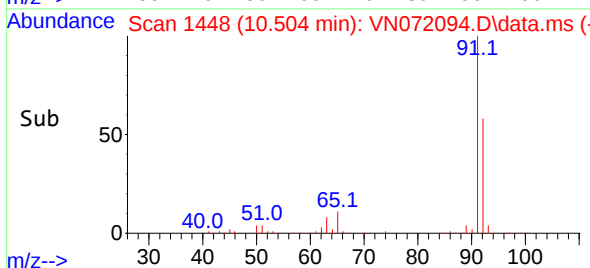
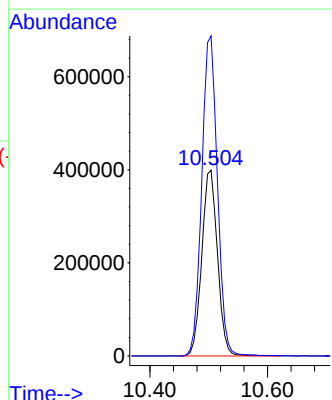
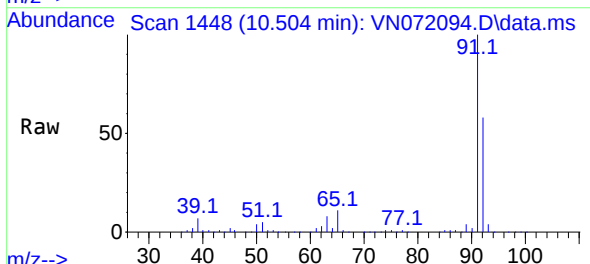
Manual Integrations
APPROVED

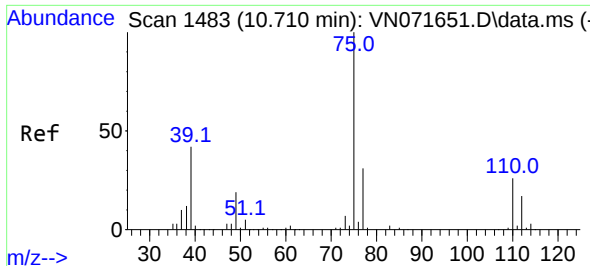
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#52
Toluene
Concen: 56.339 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Tgt Ion: 92 Resp: 738550
Ion Ratio Lower Upper
92 100
91 172.5 138.6 207.8





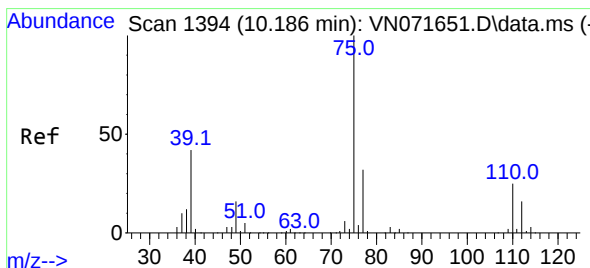
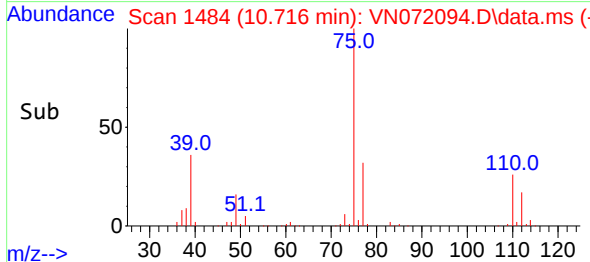
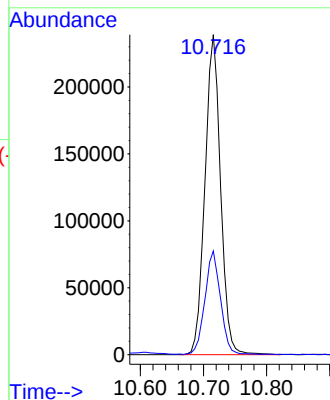
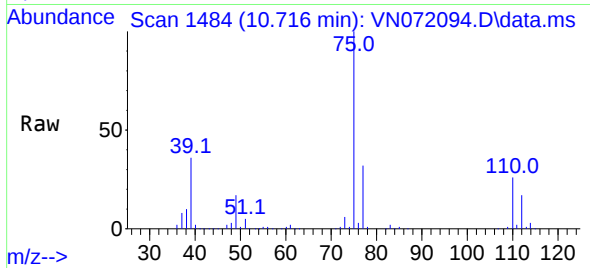
#53
t-1,3-Dichloropropene
Concen: 56.628 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 41094
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

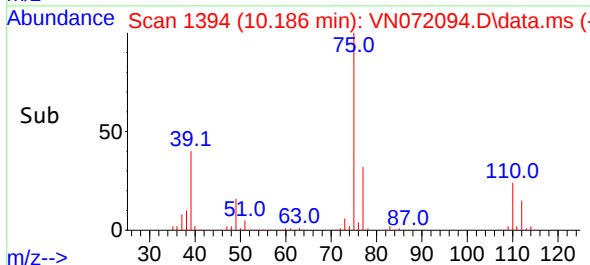
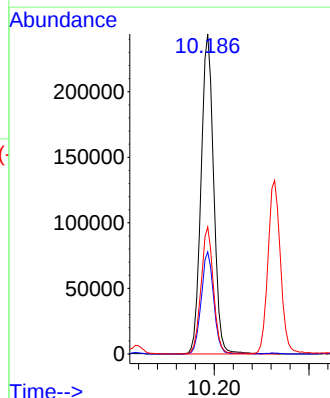
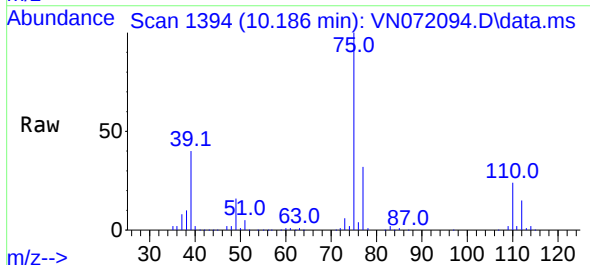
Manual Integrations
APPROVED

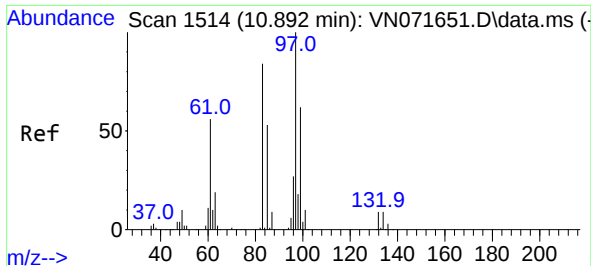
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#54
cis-1,3-Dichloropropene
Concen: 56.363 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

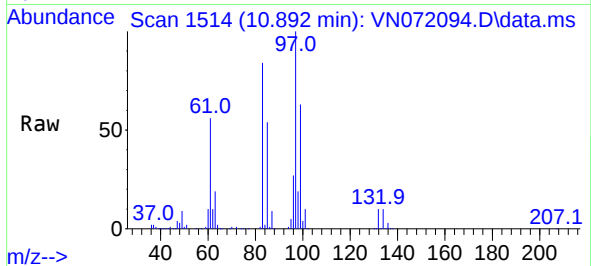
Tgt Ion: 75 Resp: 451932
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 39.7 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 55.040 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

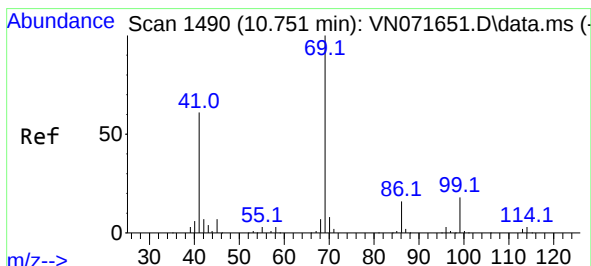
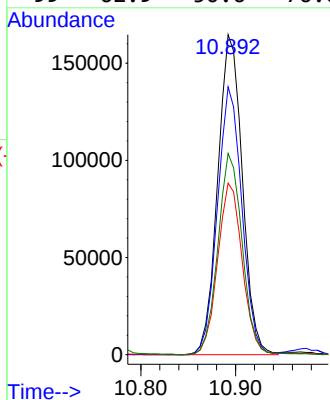
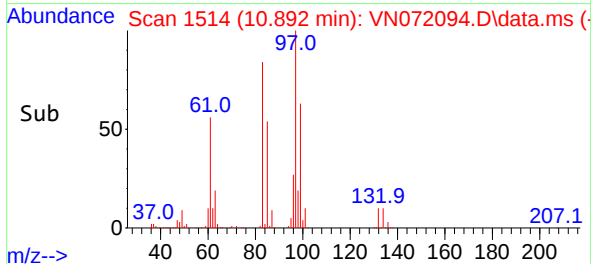


Tgt Ion: 97 Resp: 29694

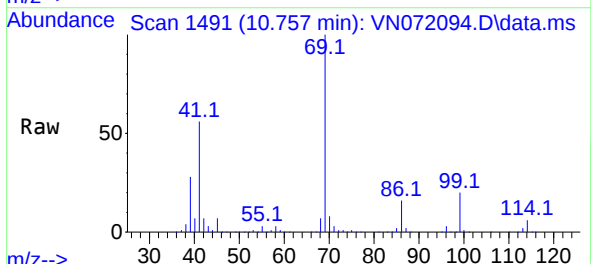
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.2	99.4
85	53.6	43.9	65.9
99	62.9	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

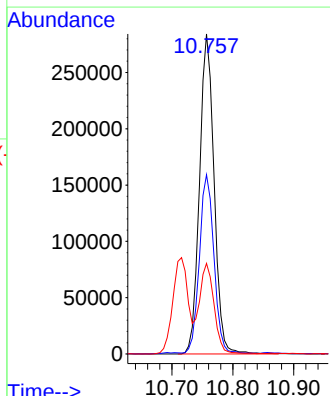
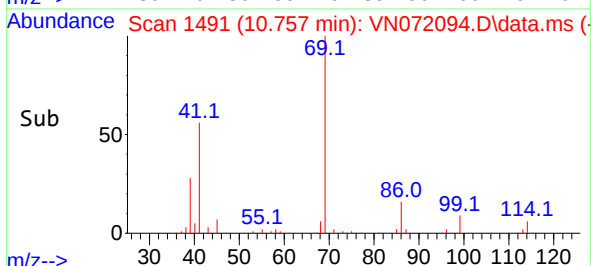


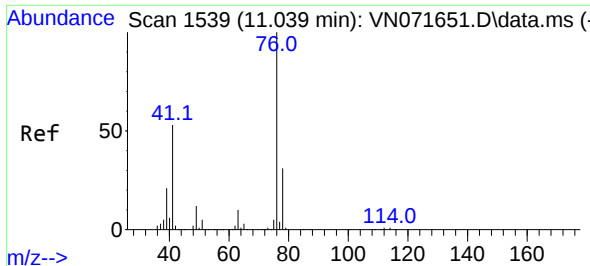
#56
Ethyl methacrylate
Concen: 61.553 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



Tgt Ion: 69 Resp: 473743

Ion	Ratio	Lower	Upper
69	100		
41	55.5	47.8	71.6
39	28.7	27.3	40.9





#57

1,3-Dichloropropane

Concen: 54.530 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072094.D

Acq: 20 Apr 2022 22:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 49189

Ion Ratio Lower Upper

76 100

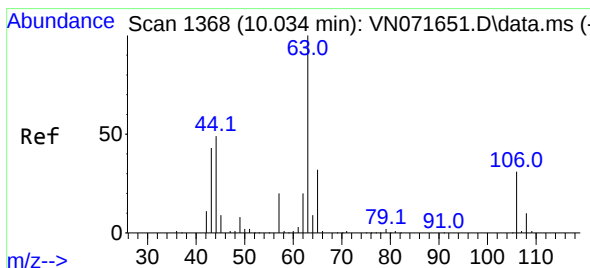
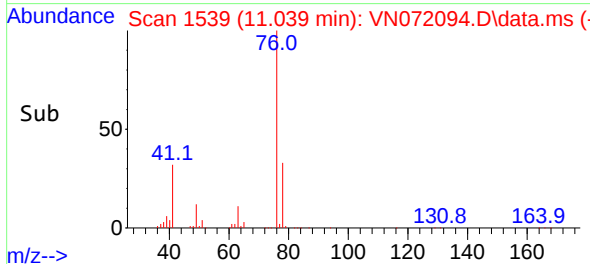
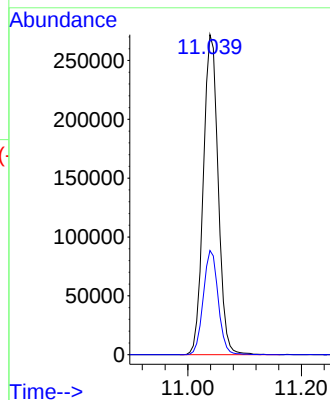
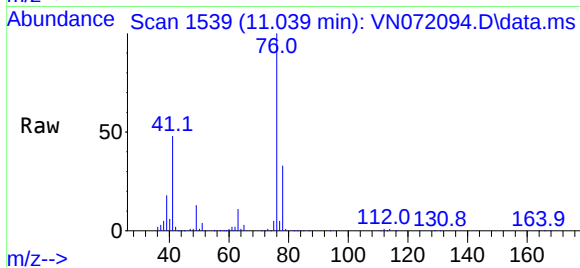
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 273.649 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.005 min

Lab File: VN072094.D

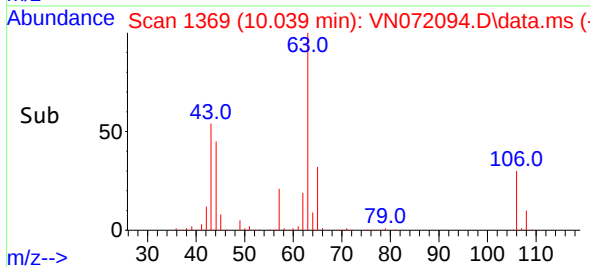
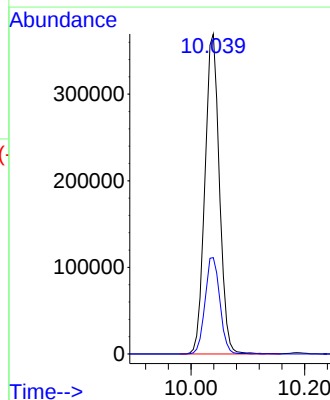
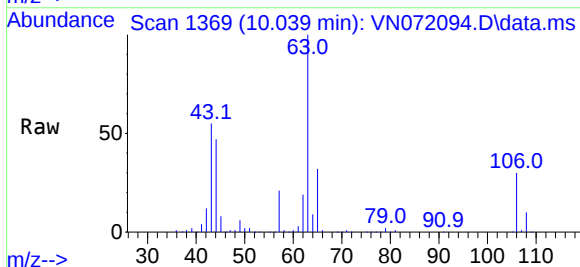
Acq: 20 Apr 2022 22:16

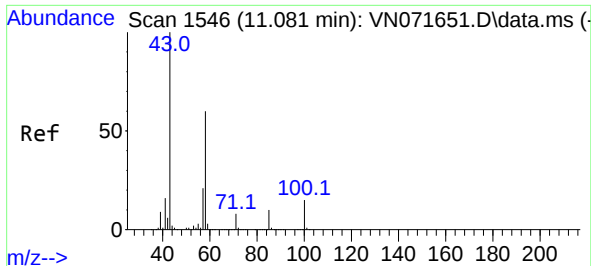
Tgt Ion: 63 Resp: 652489

Ion Ratio Lower Upper

63 100

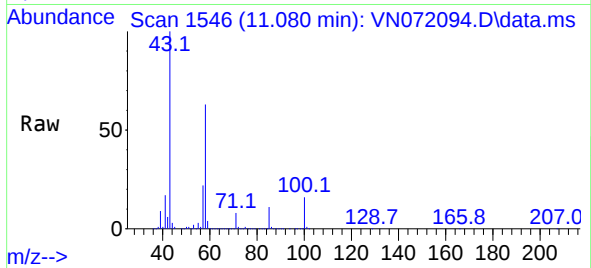
106 30.8 24.6 36.8





#59
2-Hexanone
Concen: 297.737 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

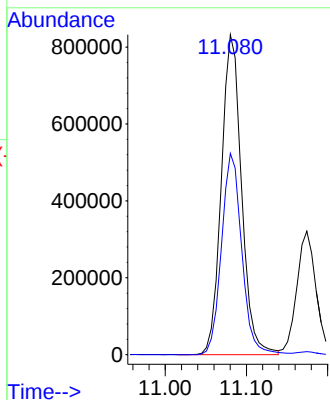
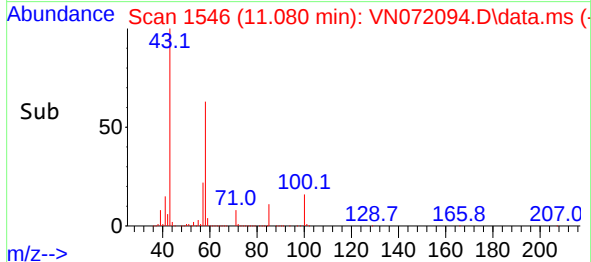
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 144041
Ion Ratio Lower Upper
43 100
58 63.1 29.7 89.1

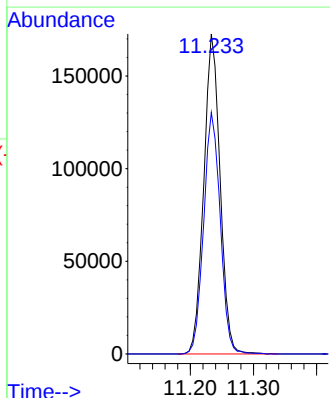
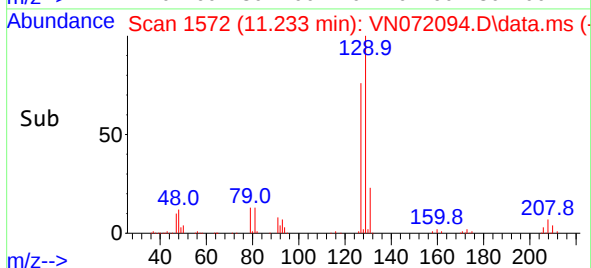
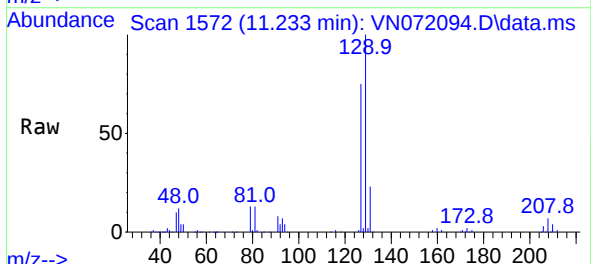
Manual Integrations
APPROVED

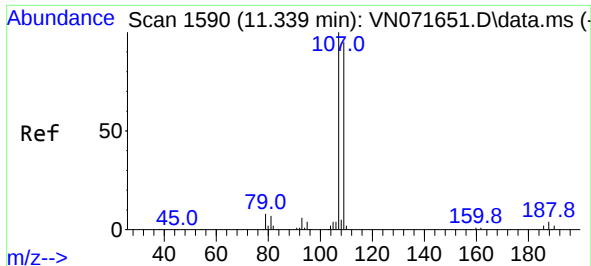
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#60
Dibromochloromethane
Concen: 58.936 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

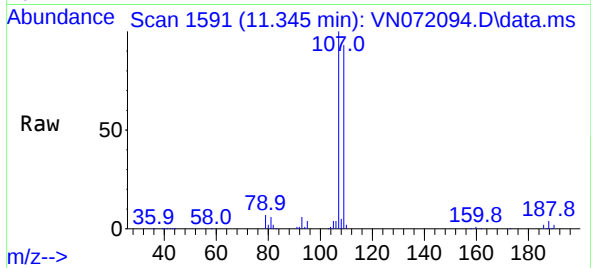
Tgt Ion:129 Resp: 310040
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.718 ug/l
RT: 11.345 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

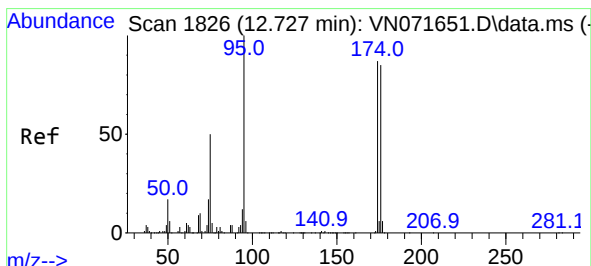
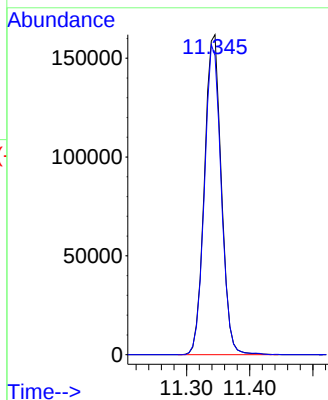
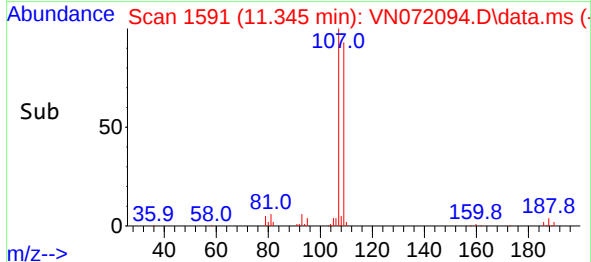
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



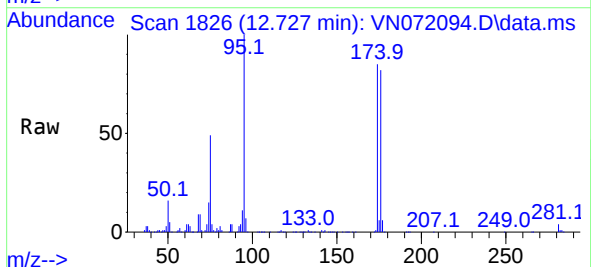
Tgt Ion: 107 Resp: 30121
Ion Ratio Lower Upper
107 100
109 96.1 75.0 112.6

Manual Integrations
APPROVED

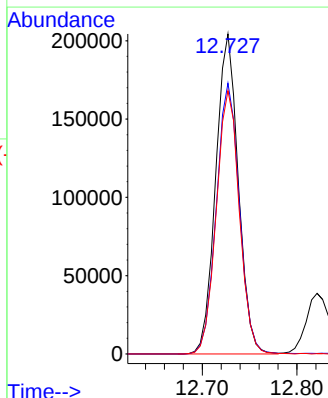
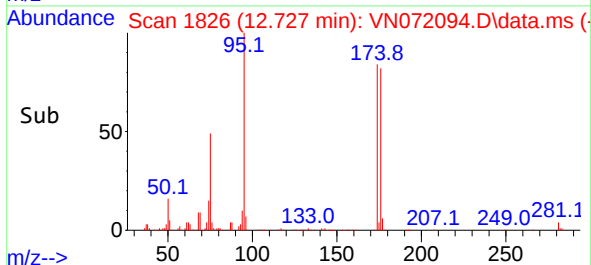
Reviewed By : John Carlone 04/21/2022
Supervised By : Mahesh Dadoda 04/21/2022

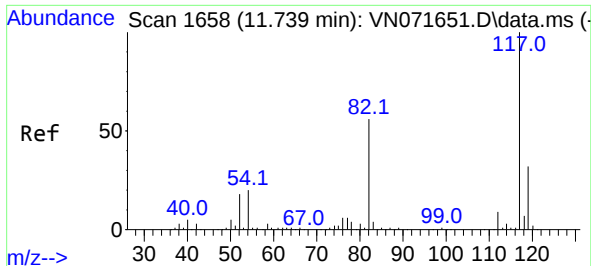


#62
4-Bromofluorobenzene
Concen: 54.397 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



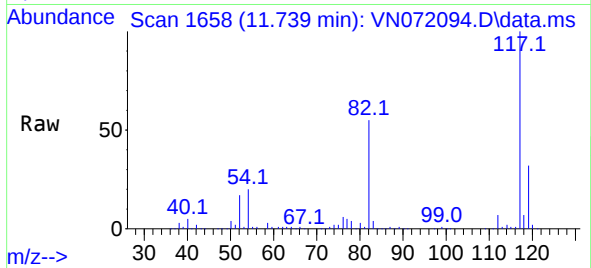
Tgt Ion: 95 Resp: 338325
Ion Ratio Lower Upper
95 100
174 86.4 0.0 167.6
176 84.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

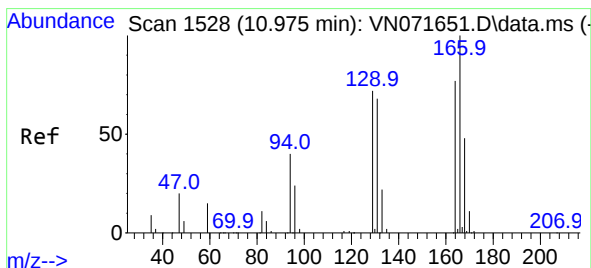
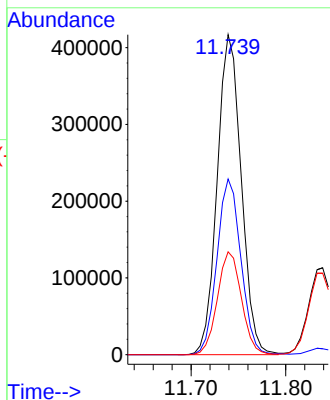
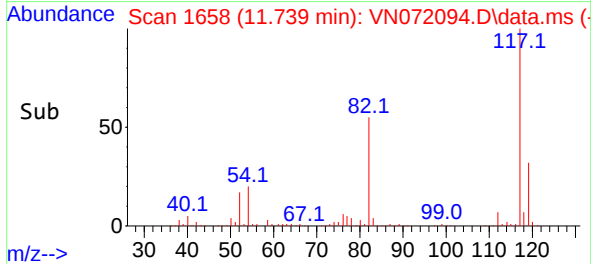
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



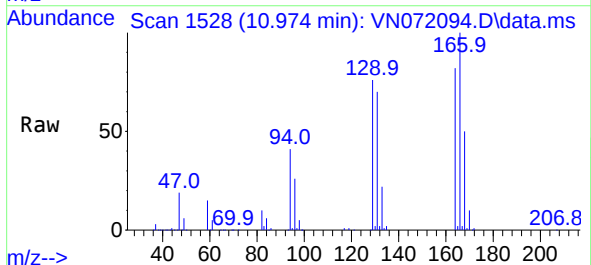
Tgt Ion:117 Resp: 73559
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.1 25.4 38.0

Manual Integrations
APPROVED

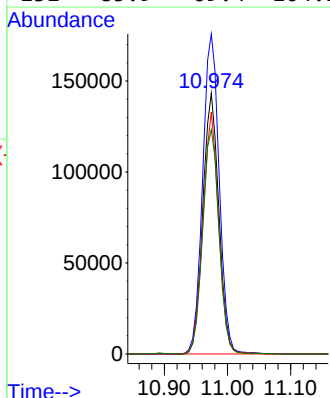
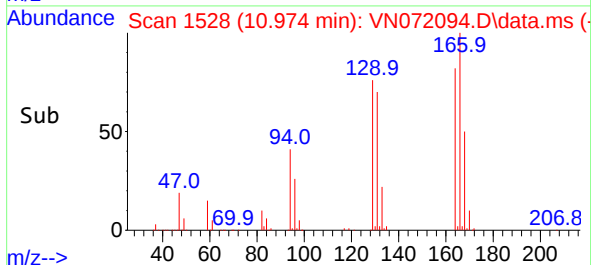
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

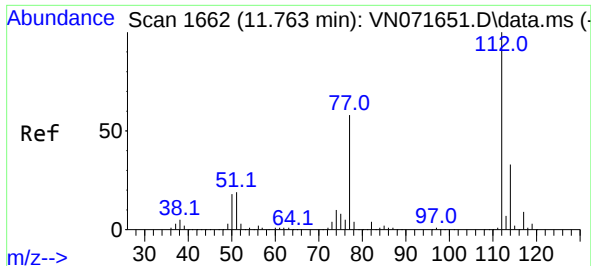


#64
Tetrachloroethene
Concen: 52.126 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



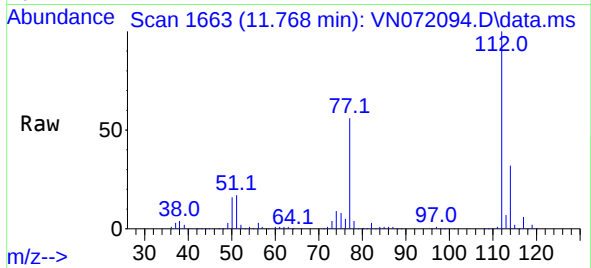
Tgt Ion:164 Resp: 253197
Ion Ratio Lower Upper
164 100
166 122.7 104.2 156.2
129 92.8 73.9 110.9
131 85.9 69.4 104.2





#65
Chlorobenzene
Concen: 53.740 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.005 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

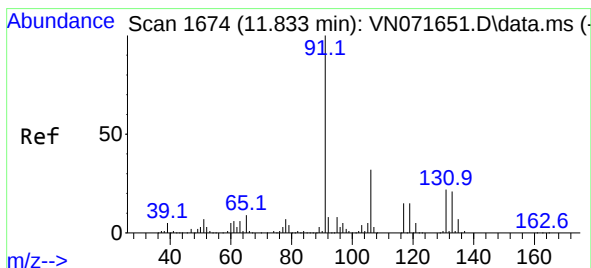
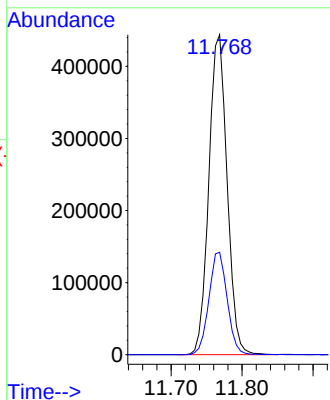
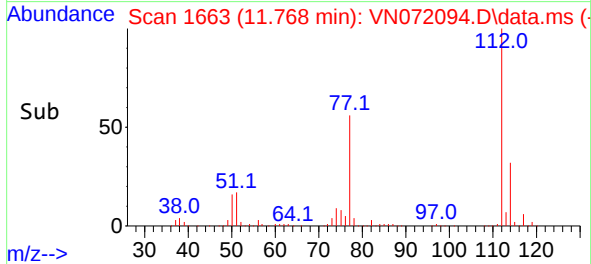
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



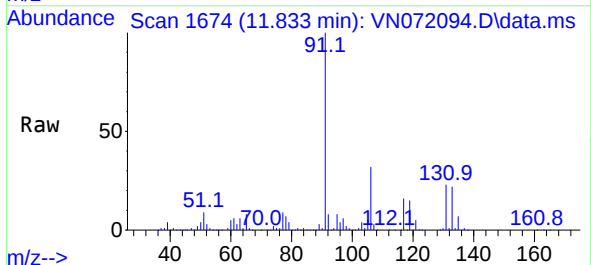
Tgt Ion:112 Resp: 79155
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

Manual Integrations
APPROVED

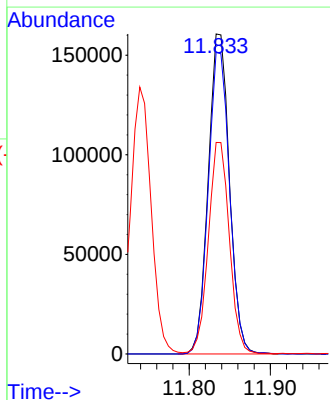
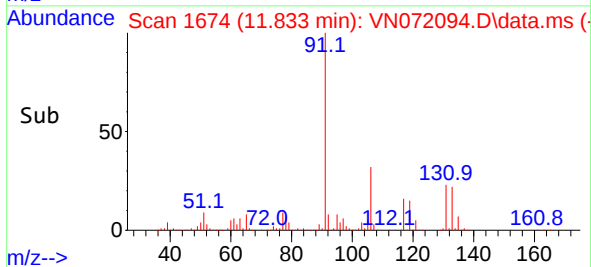
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

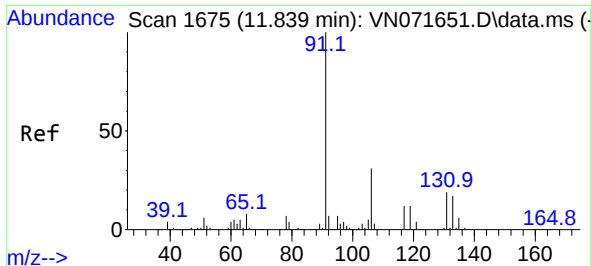


#66
1,1,1,2-Tetrachloroethane
Concen: 54.743 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



Tgt Ion:131 Resp: 290959
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 65.4 33.4 100.2





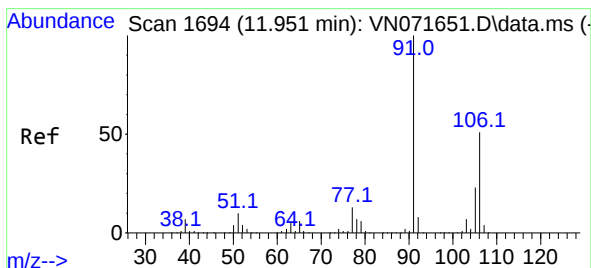
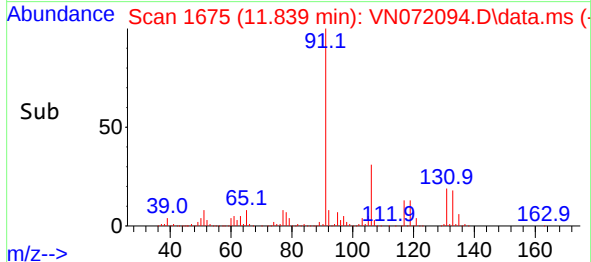
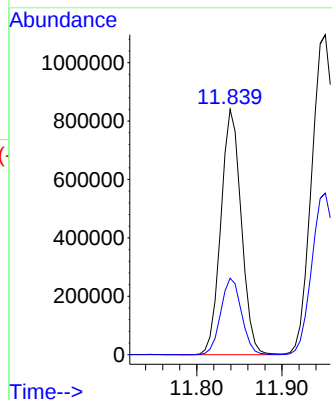
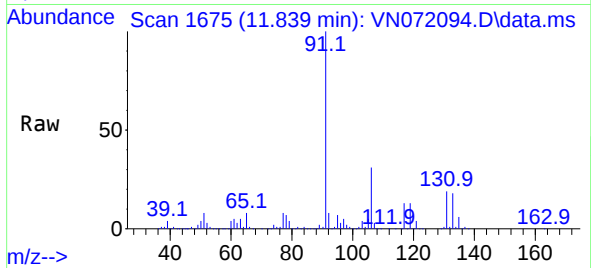
#67
Ethyl Benzene
Concen: 56.111 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 139911
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

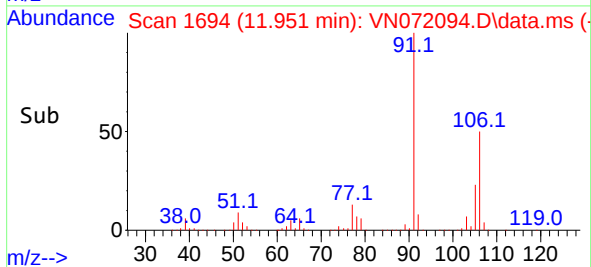
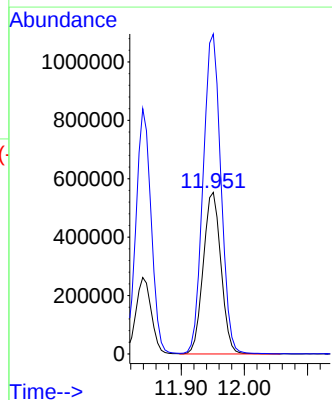
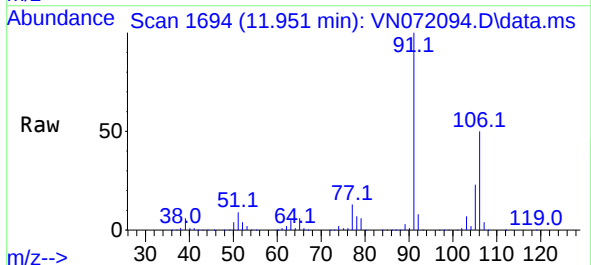
Manual Integrations
APPROVED

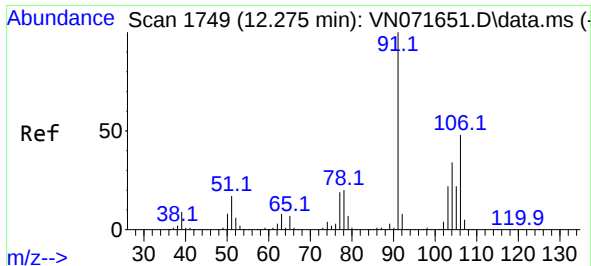
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#68
m/p-Xylenes
Concen: 112.324 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Tgt Ion:106 Resp: 1076116
Ion Ratio Lower Upper
106 100
91 199.2 158.9 238.3





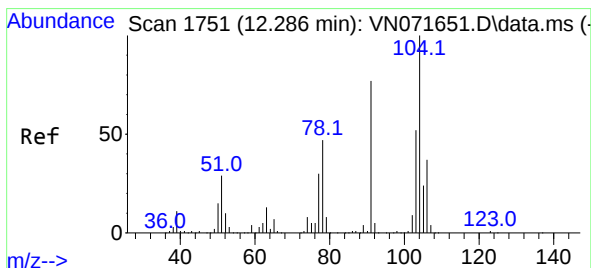
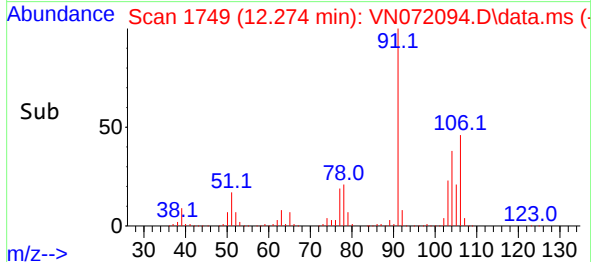
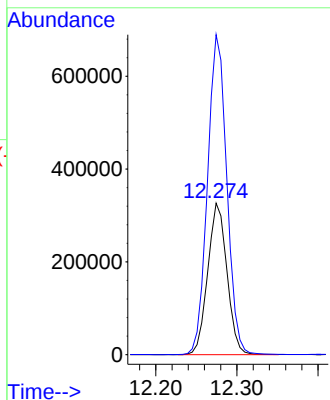
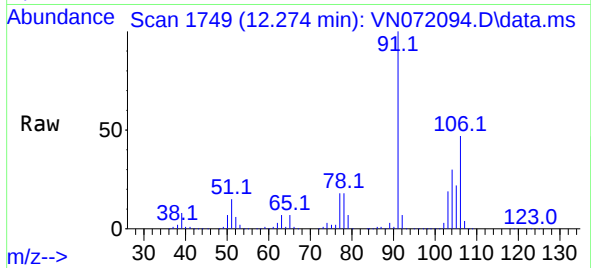
#69
o-Xylene
Concen: 56.474 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 53702
Ion Ratio Lower Upper
106 100
91 212.1 106.0 318.0

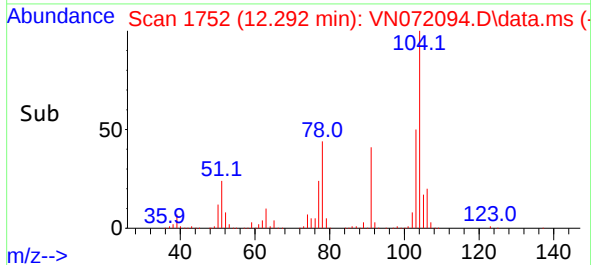
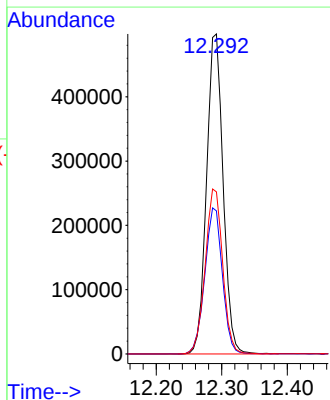
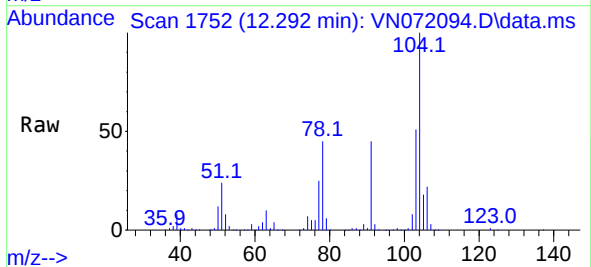
Manual Integrations
APPROVED

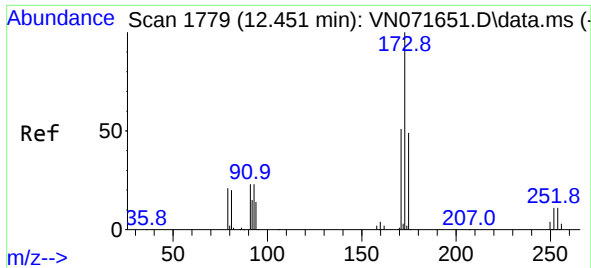
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#70
Styrene
Concen: 60.720 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

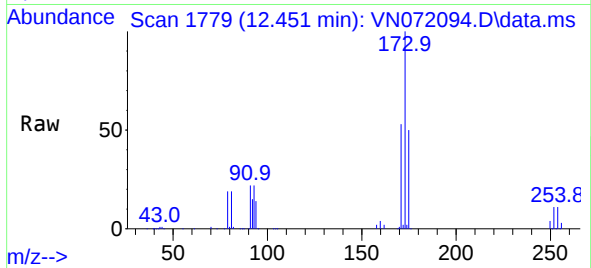
Tgt Ion:104 Resp: 874850
Ion Ratio Lower Upper
104 100
78 48.5 39.5 59.3
103 54.6 44.0 66.0





#71
Bromoform
Concen: 59.341 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

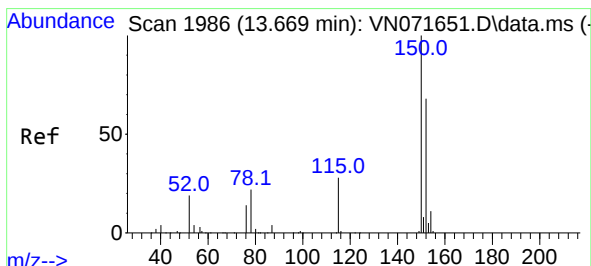
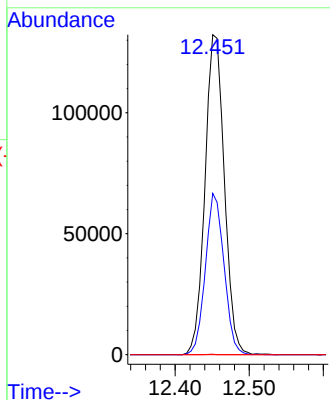
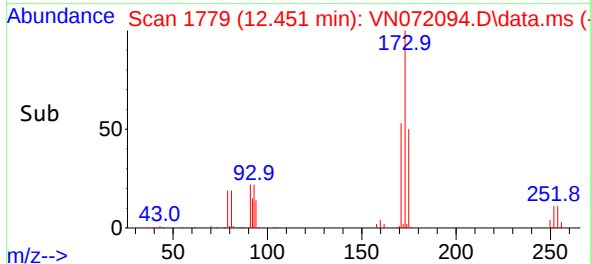
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



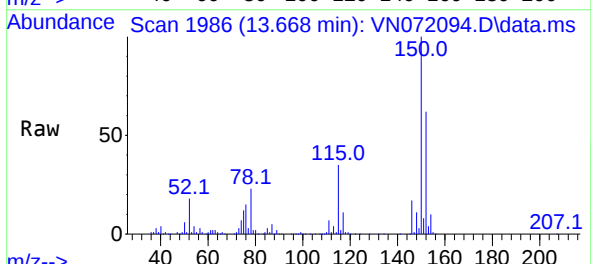
Tgt Ion:173 Resp: 240182
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

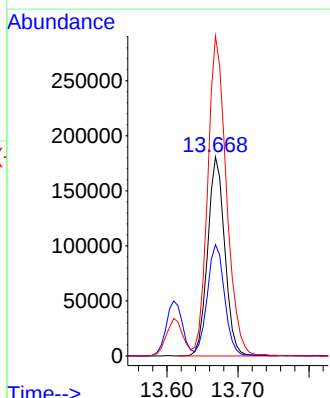
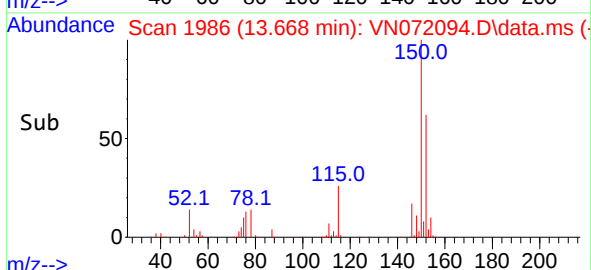
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

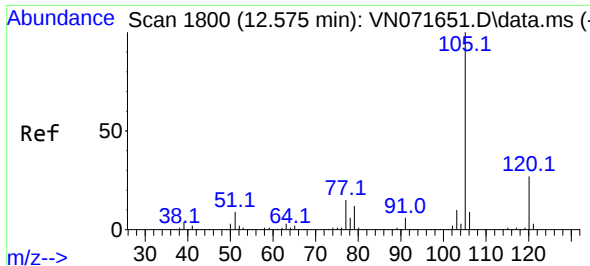


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



Tgt Ion:152 Resp: 302850
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 175.1 0.0 356.2





#73
Isopropylbenzene
Concen: 54.141 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :

MSVOA_N

ClientSampleId :

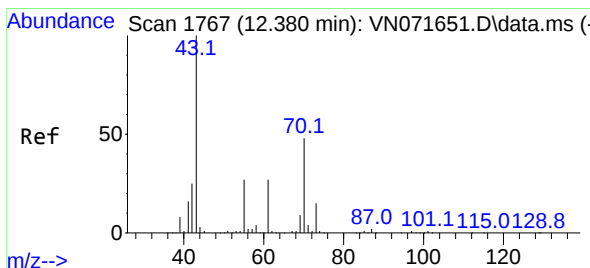
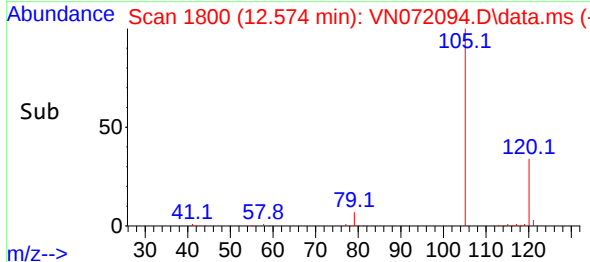
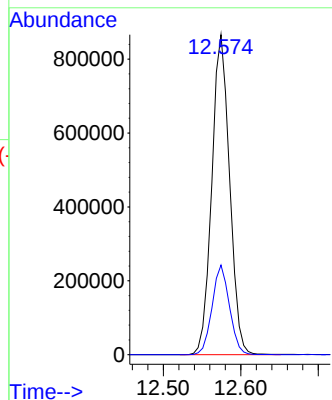
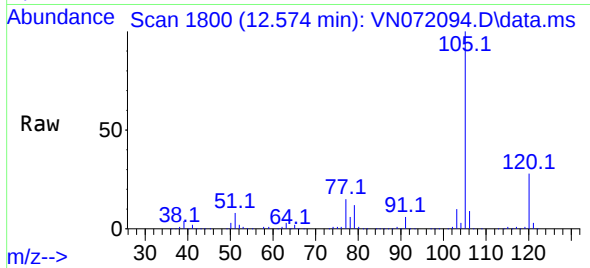
VSTDCCC050

Tgt Ion:105 Resp: 138170
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

Manual Integrations

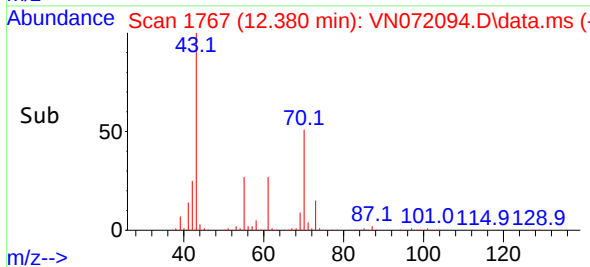
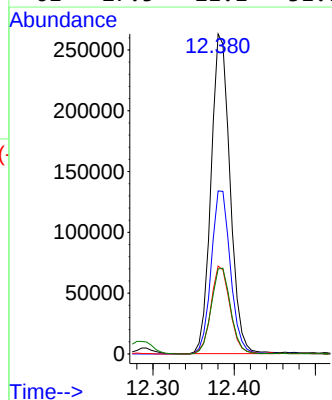
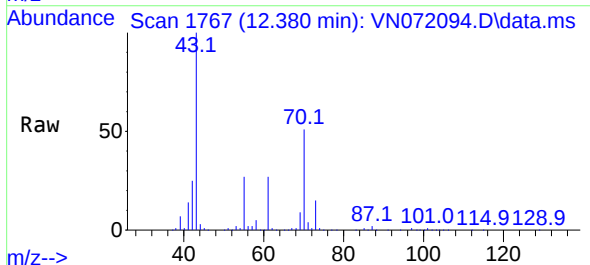
APPROVED

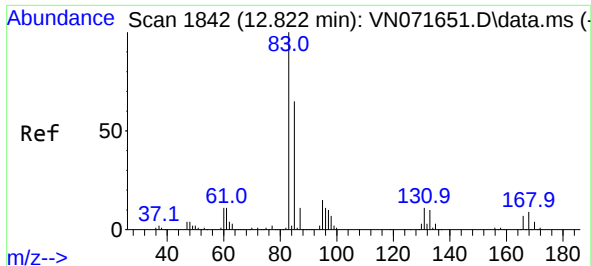
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#74
N-ethyl acetate
Concen: 58.504 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

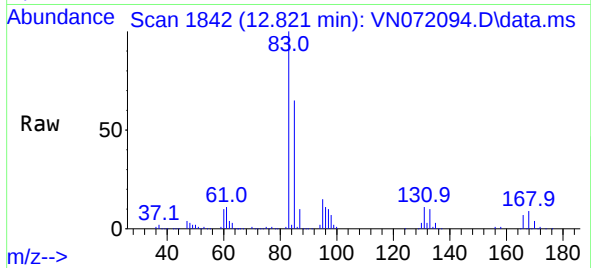
Tgt Ion: 43 Resp: 427789
Ion Ratio Lower Upper
43 100
70 51.7 39.0 58.4
55 27.4 21.1 31.7
61 27.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.182 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

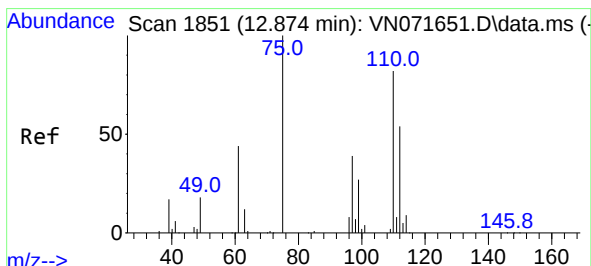
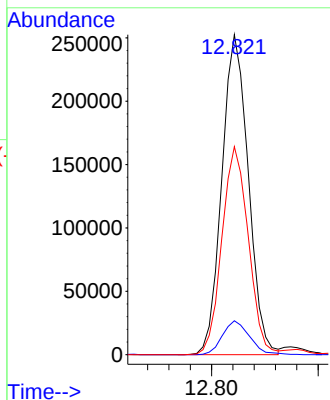
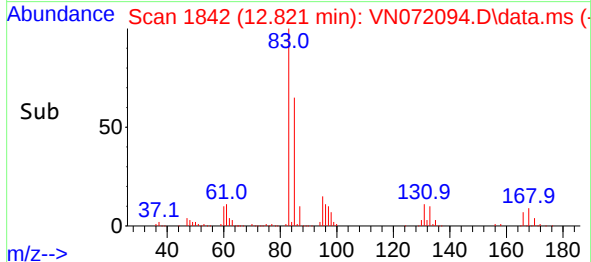
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



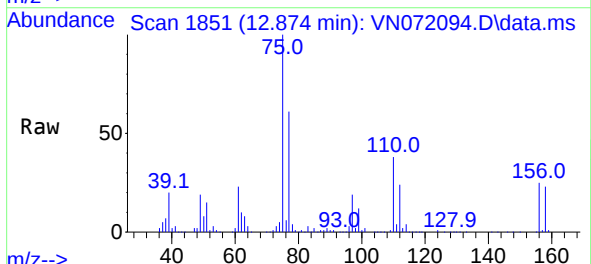
Tgt Ion: 83 Resp: 435815
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 64.8 32.3 96.9

Manual Integrations
APPROVED

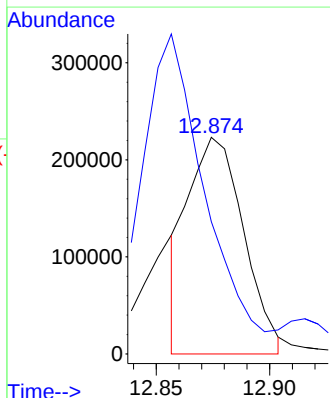
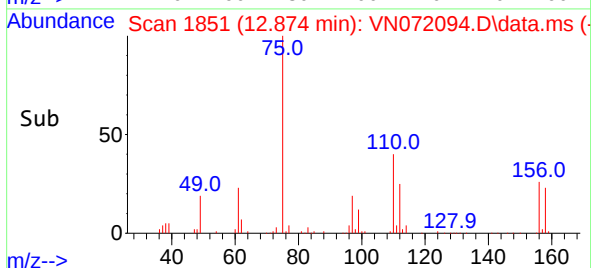
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

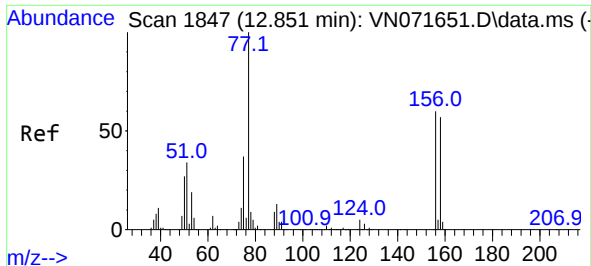


#76
1,2,3-Trichloropropane
Concen: 54.456 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



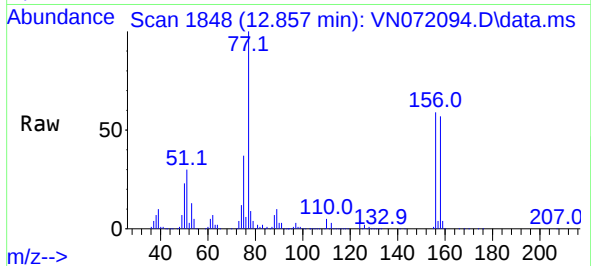
Tgt Ion: 75 Resp: 382048
Ion Ratio Lower Upper
75 100
77 169.2 98.5 295.5





#77
Bromobenzene
Concen: 52.078 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

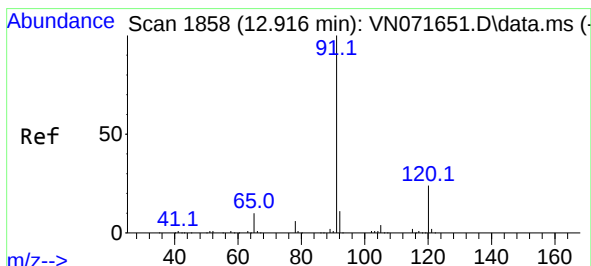
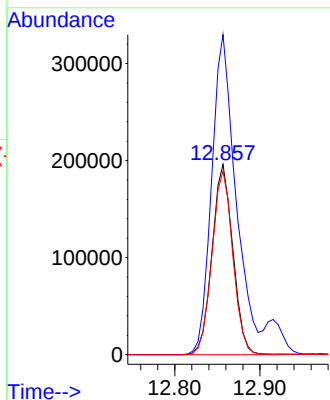
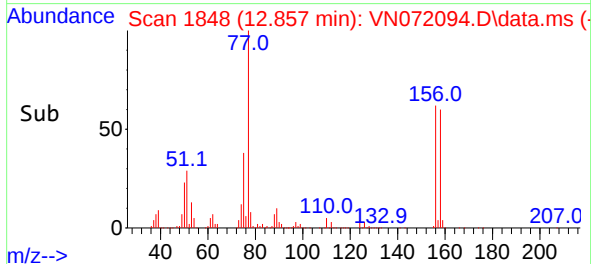
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 333172
Ion Ratio Lower Upper
156 100
77 194.1 100.5 301.5
158 96.7 48.9 146.6

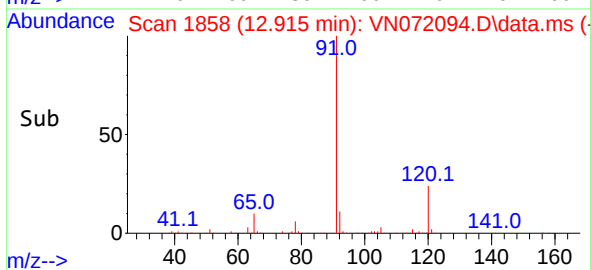
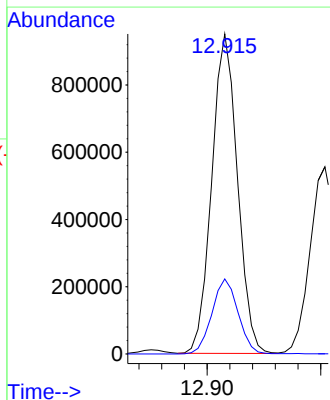
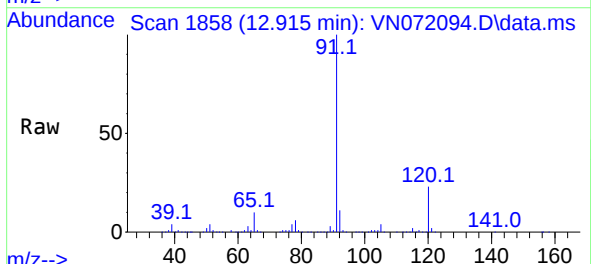
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#78
n-propylbenzene
Concen: 55.536 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

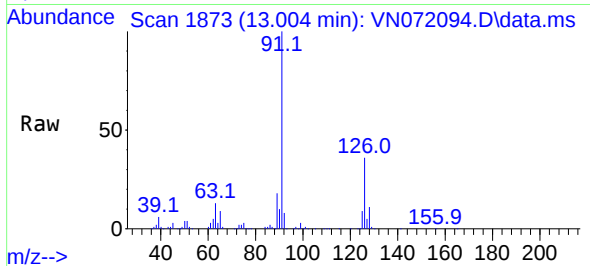
Tgt Ion: 91 Resp: 1490879
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 53.693 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

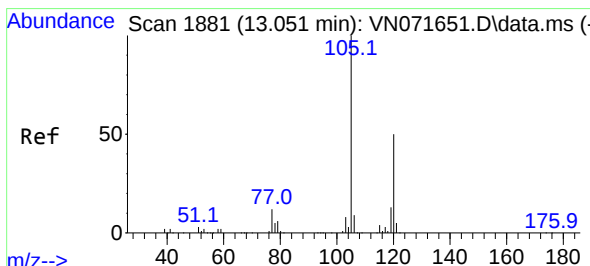
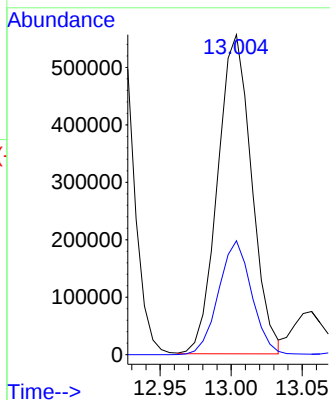
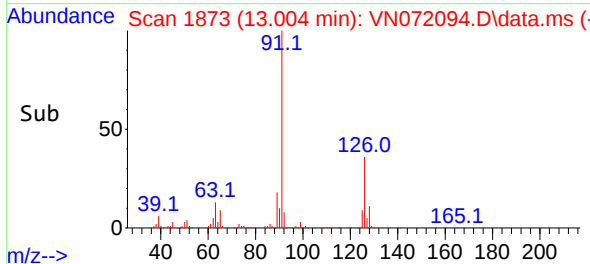
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



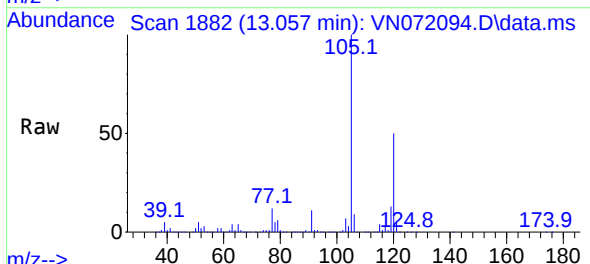
Tgt Ion: 91 Resp: 924378
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.9

Manual Integrations
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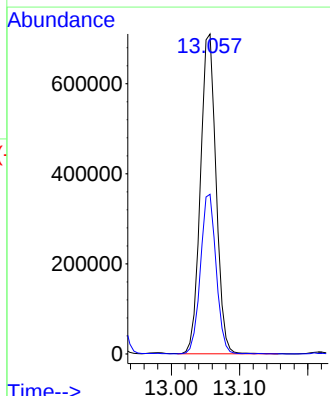
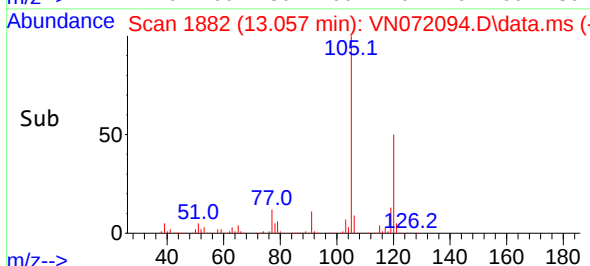
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

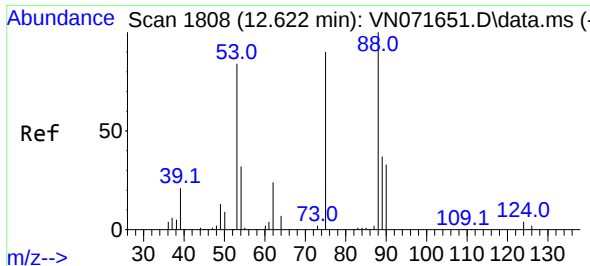


#80
1,3,5-Trimethylbenzene
Concen: 55.925 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



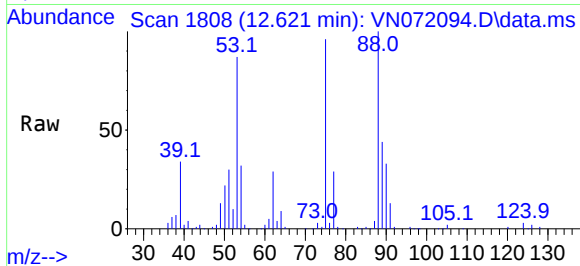
Tgt Ion:105 Resp: 1130817
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 56.185 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

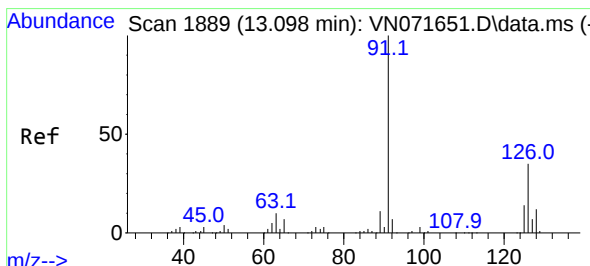
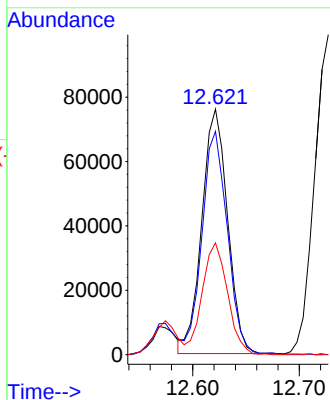
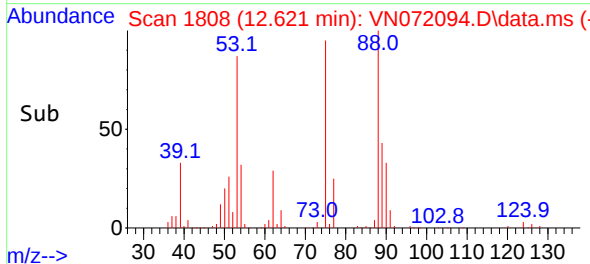
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



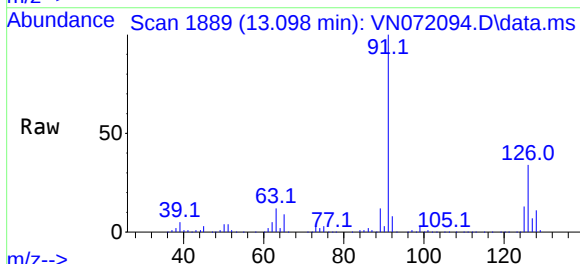
Tgt Ion: 75 Resp: 127198
Ion Ratio Lower Upper
75 100
53 90.4 78.0 117.0
89 45.2 37.2 55.8

Manual Integrations
APPROVED

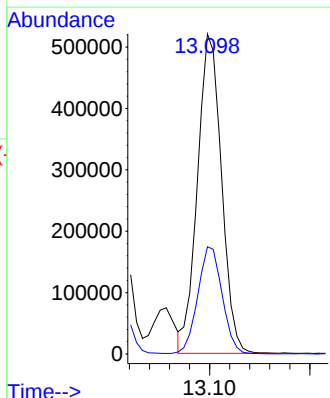
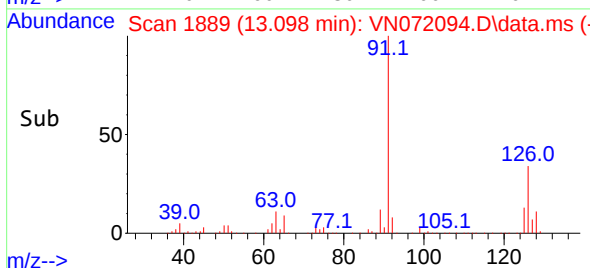
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

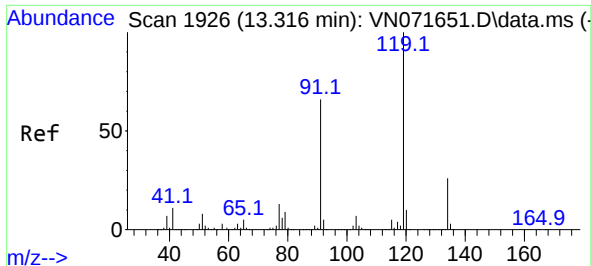


#82
4-Chlorotoluene
Concen: 54.298 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



Tgt Ion: 91 Resp: 866481
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





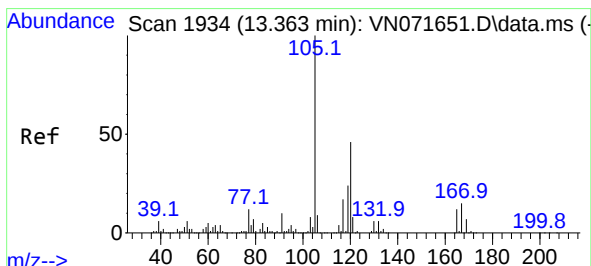
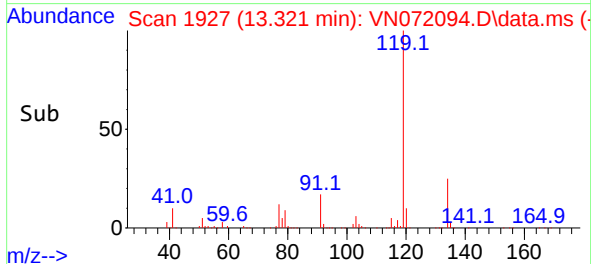
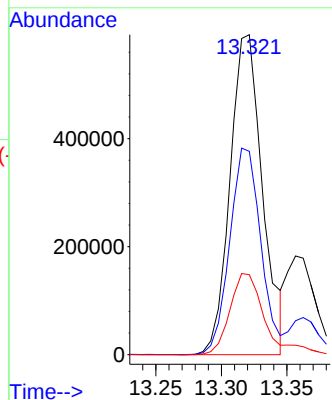
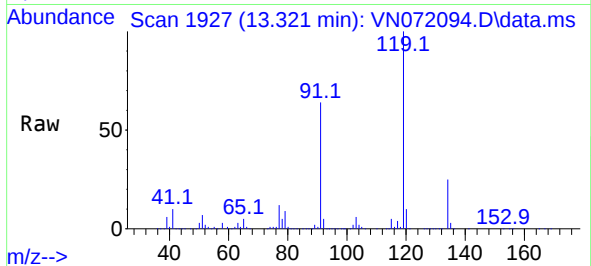
#83
tert-Butylbenzene
Concen: 55.218 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 1020612
Ion Ratio Lower Upper
119 100
91 62.0 31.6 94.8
134 27.3 13.7 41.1

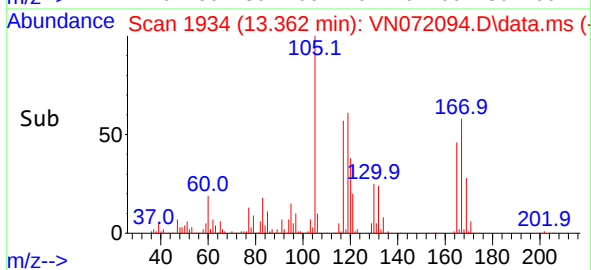
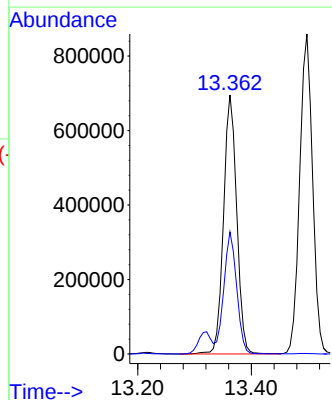
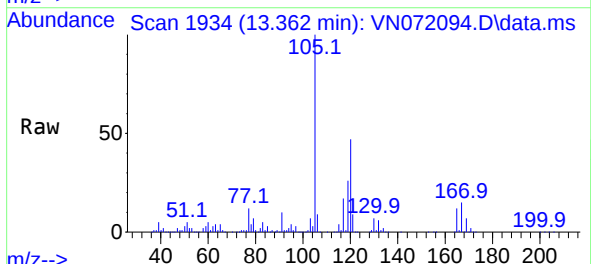
Manual Integrations
APPROVED

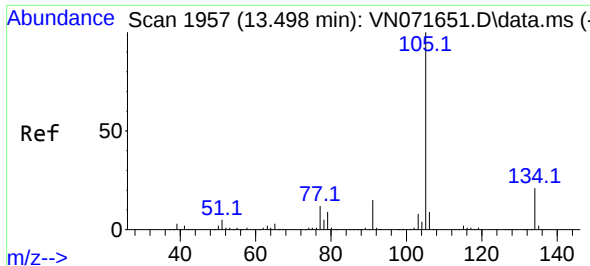
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 56.990 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Tgt Ion:105 Resp: 1124337
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 56.317 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072094.D
 Acq: 20 Apr 2022 22:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

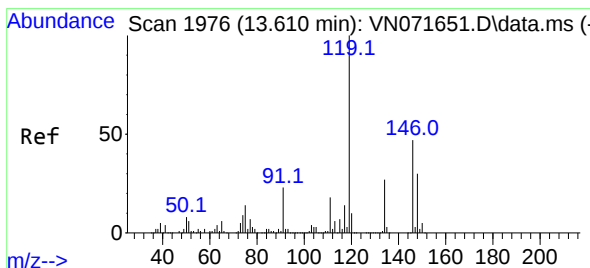
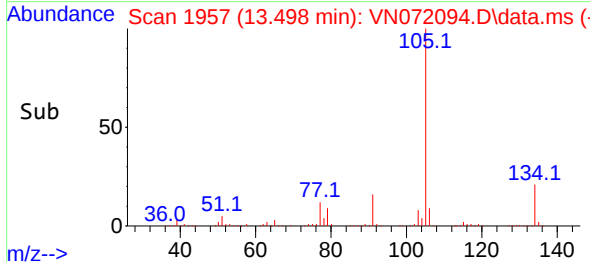
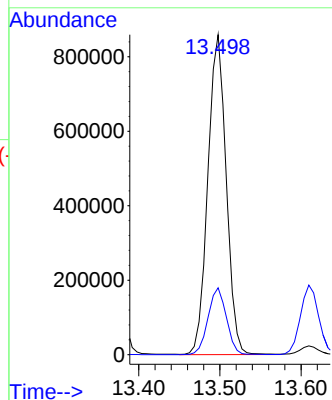
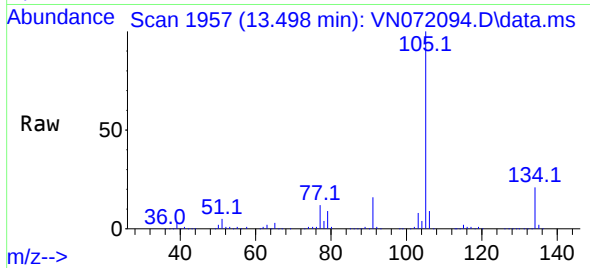
Tgt Ion:105 Resp: 1349360
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

Manual Integrations

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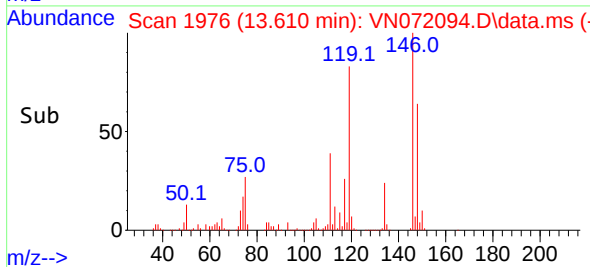
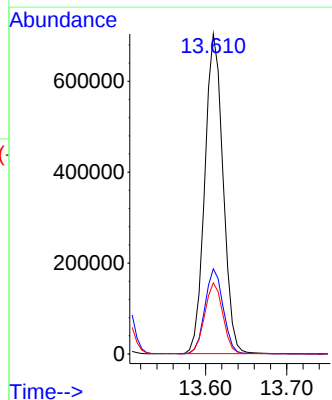
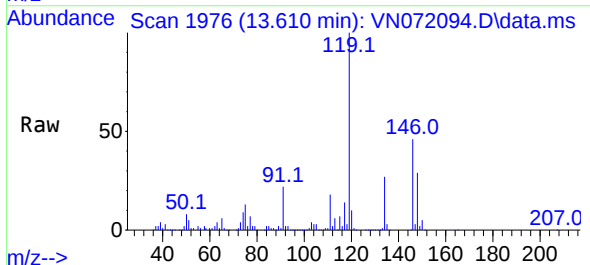
Reviewed By :John Carlone 04/21/2022

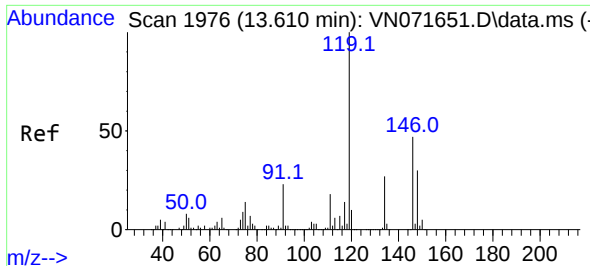
Supervised By :Mahesh Dadoda 04/21/2022



#86
 p-Isopropyltoluene
 Concen: 57.413 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072094.D
 Acq: 20 Apr 2022 22:16

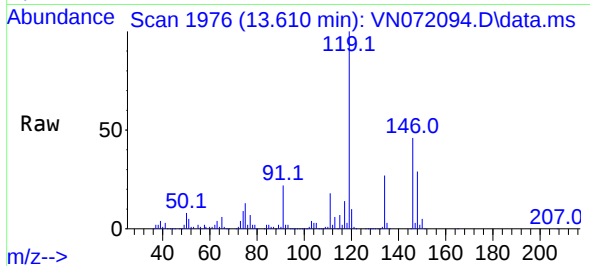
Tgt Ion:119 Resp: 1096853
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 21.9 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 52.964 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

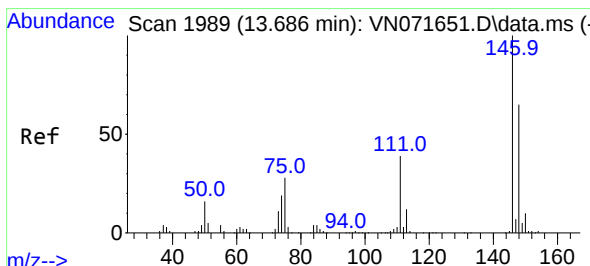
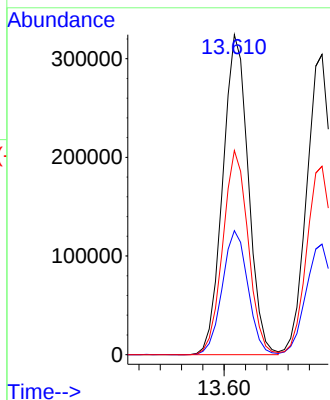
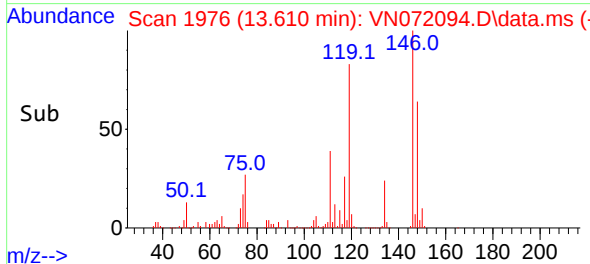
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



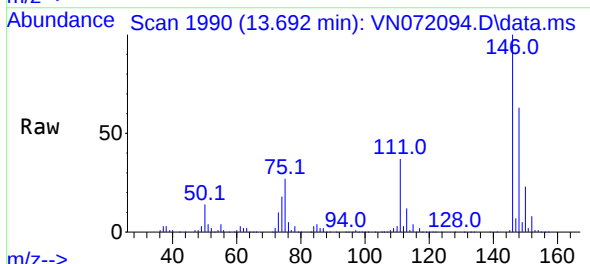
Tgt Ion:146 Resp: 539814
Ion Ratio Lower Upper
146 100
111 39.0 20.0 60.0
148 63.4 32.0 96.0

Manual Integrations
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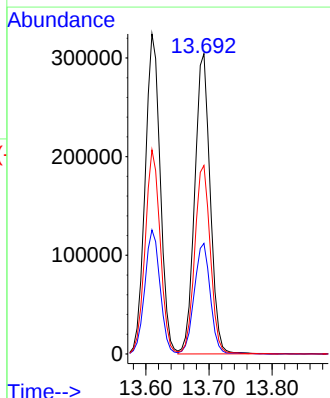
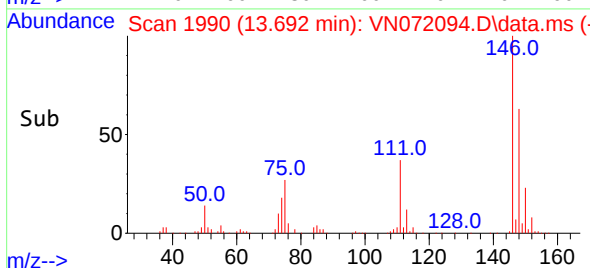
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

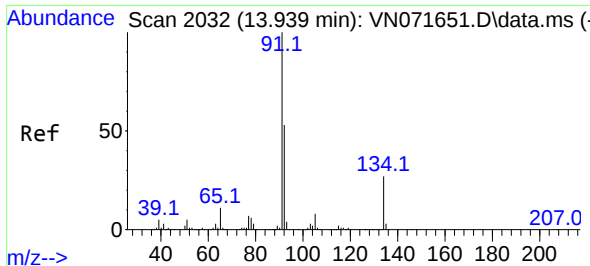


#88
1,4-Dichlorobenzene
Concen: 51.993 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



Tgt Ion:146 Resp: 516989
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.1
148 63.7 31.4 94.3





#89
n-Butylbenzene
Concen: 56.333 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

Instrument :

MSVOA_N

ClientSampleId :

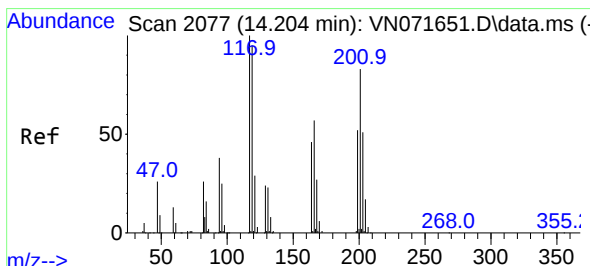
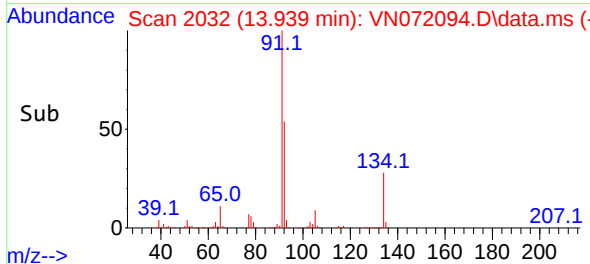
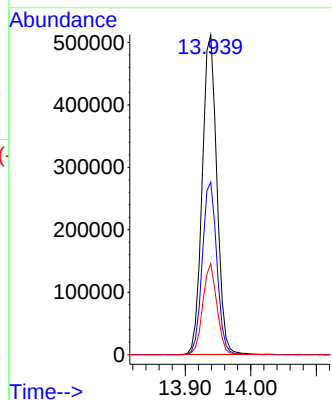
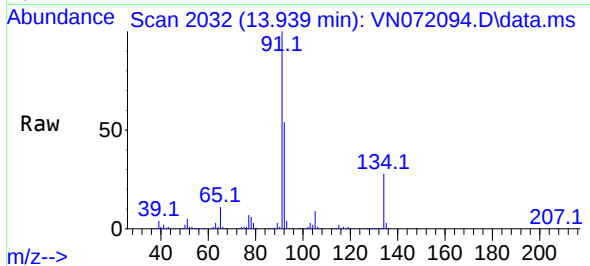
VSTDCCC050

Tgt Ion: 91 Resp: 798210
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 27.5 13.6 40.8

Manual Integrations

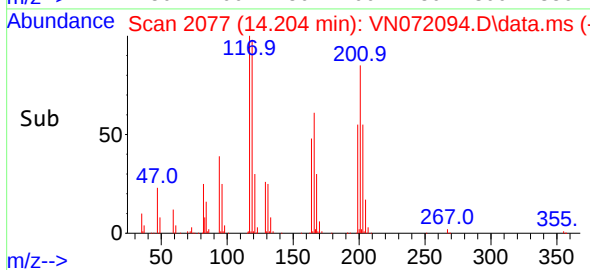
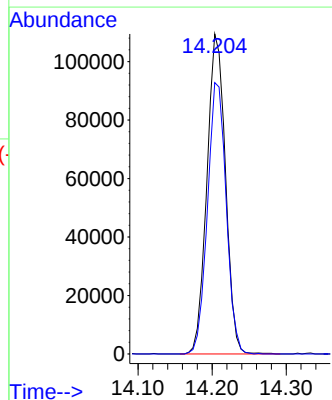
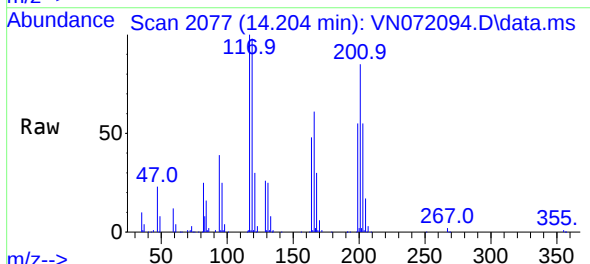
APPROVED

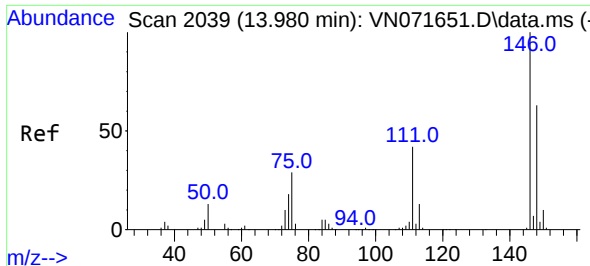
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#90
Hexachloroethane
Concen: 54.406 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

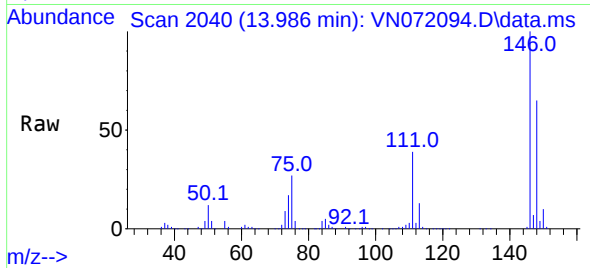
Tgt Ion:117 Resp: 190267
Ion Ratio Lower Upper
117 100
201 85.5 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 52.111 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

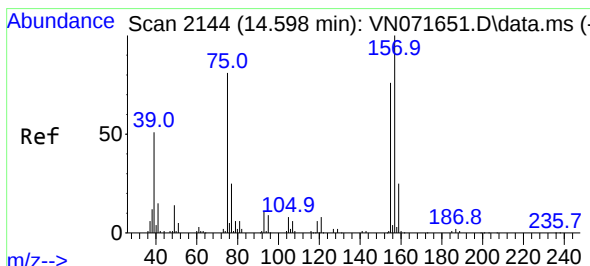
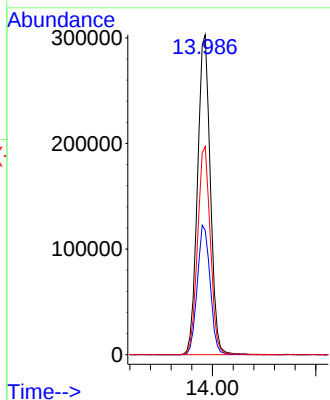
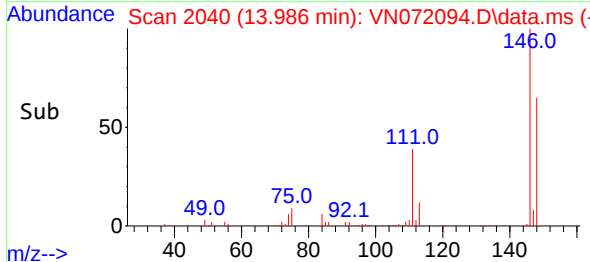
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



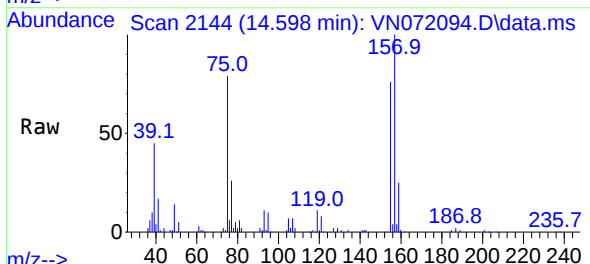
Tgt Ion:146 Resp: 521419
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.8
148 65.0 32.1 96.3

Manual Integrations
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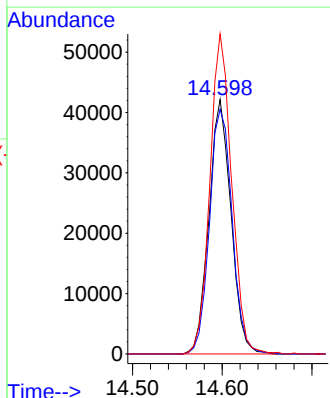
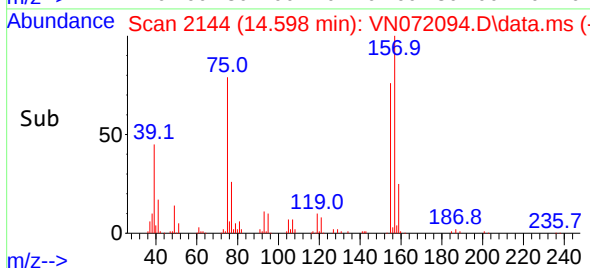
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

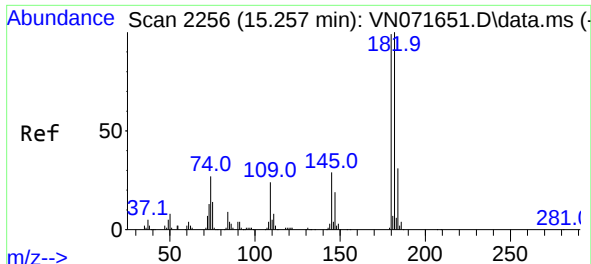


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.497 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



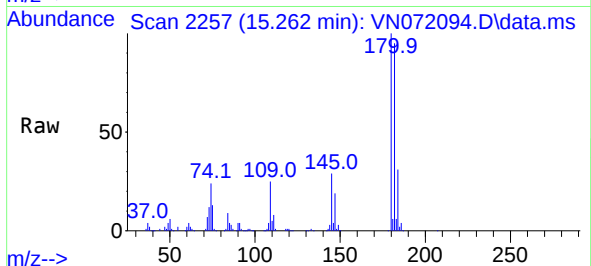
Tgt Ion: 75 Resp: 71978
Ion Ratio Lower Upper
75 100
155 98.8 44.9 134.5
157 124.0 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 54.385 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

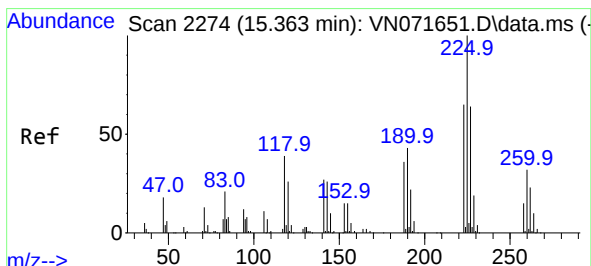
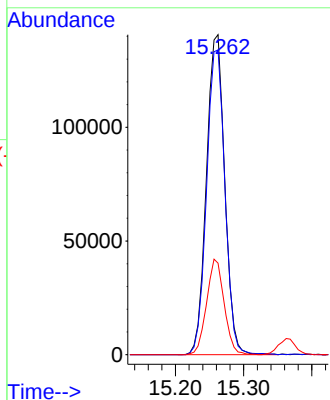
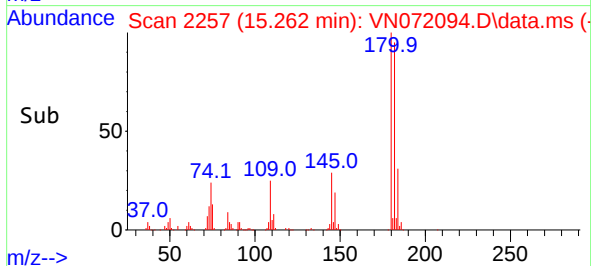
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



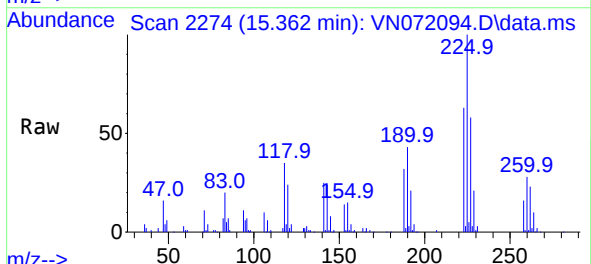
Tgt Ion:180 Resp: 26304
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 28.6 14.5 43.5

Manual Integrations
APPROVED

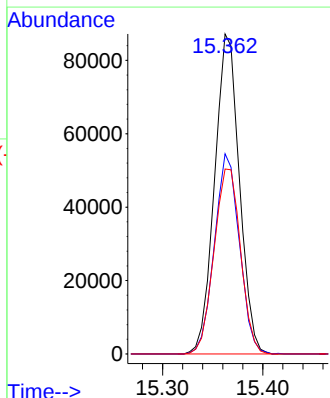
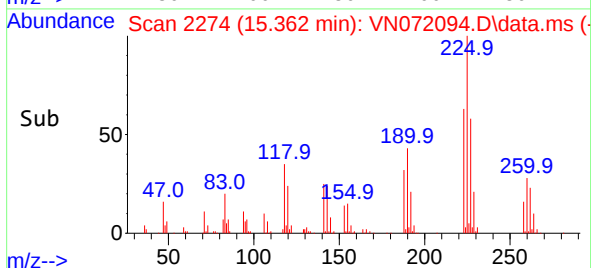
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

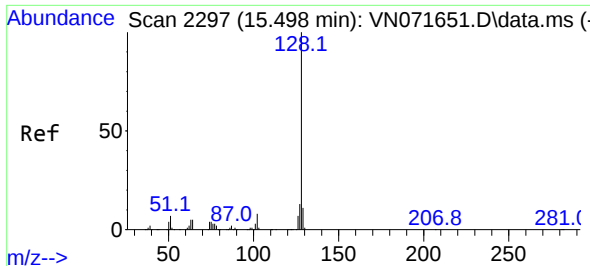


#94
Hexachlorobutadiene
Concen: 50.731 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



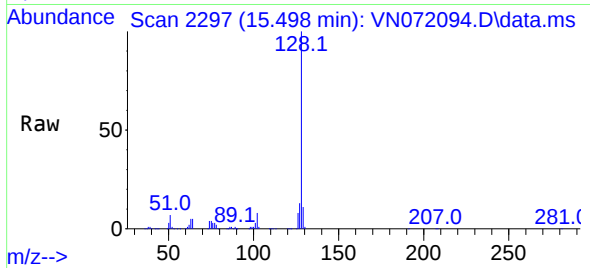
Tgt Ion:225 Resp: 149710
Ion Ratio Lower Upper
225 100
223 63.0 32.4 97.2
227 61.8 31.8 95.4





#95
Naphthalene
Concen: 56.867 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16

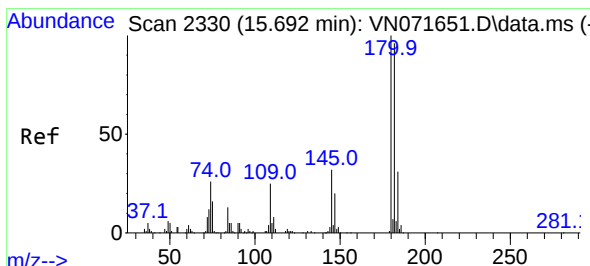
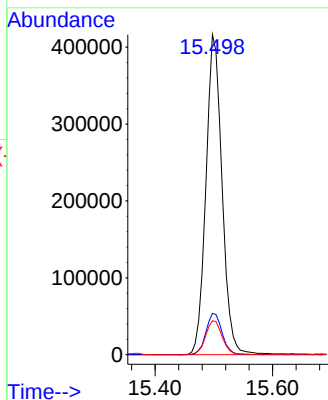
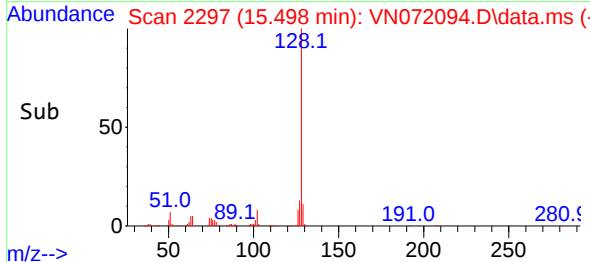
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



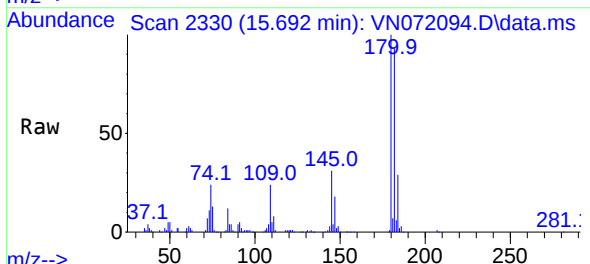
Tgt Ion:128 Resp: 79205
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.604 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072094.D
Acq: 20 Apr 2022 22:16



Tgt Ion:180 Resp: 260944
Ion Ratio Lower Upper
180 100
182 96.2 47.8 143.3
145 31.0 15.5 46.5

